REPORT
on the
2021 DIAMOND DRILLING PROGRAM
at the
SURIMEAU PROPERTY
ABITIBI-TÉMISCAMINGUE, QUÉBEC

For

RENFORTH RESOURCES INC.

Prepared by:

Francis Newton P. Geo
OGQ Membership Number 2129

Minroc Management Limited
2857 Sherwood Heights Drive, Unit 2
Oakville ON L6J 7J9

Effective Date: March 2, 2022

TABLE OF CONTENTS

List of Figures

List of Tables

1.0 SUMMARY

Minroc Management Limited (Minroc) was retained by Renforth Resources Inc. (Renforth) to complete a series of diamond drill programs in 2021 in the Victoria area of the Surimeau Property near Malartic, Québec. The purpose of this report is to present all material technical information pertaining to this exploration work for assessment filing.

Renforth Resources Inc. (Renforth) is an exploration company and is headquartered at 269-1099 Kingston Road, Pickering, Ontario, Canada.

2.0 INTRODUCTION

Minroc Management Limited (Minroc) was retained by Renforth Resources Inc. (Renforth) to complete a series of drill programs in 2021 in the Victoria area of the Surimeau Property near Malartic, Québec. The purpose of these drill programs was to confirm poorly-documented historic drillhole results, test and better locate strike continuations inferred from geophysics, undercut trenches and outcrops with known mineralization, and build upon the limited 2020 Minroc drilling. All material technical information pertaining to this exploration work is presented for assessment filing.

Drill holes were planned to test: 1) the Victoria magnetic structure, interpreted as an east-west suite of volcano sedimentary units which are fertile for massive sulphides and intruded with nickeliferous ultramafic sills, set within the wider Pontiac greywackes and/or mica schists; 2) to test the entire width of the structure; 3) to extend mineralization along strike; and 4) to test features and mineralization observed on surface from prospecting and trenching.

Drilling took place in three programs, the first program took place from March 24th to April 16th, 2021, the second took place from June 14th to July 15th, 2021, and the third from December 3rd to December 13th, 2021. A total of 3,456 m was drilled from March to April 2021, 773.2 m was drilled June to July 2021 and 1,203 m was drilled in December 2021, totaling 5,432.2 m drilled between the three programs. A total of 4,507 samples were taken, including 571 QA/QC samples.

2.1 Terms of Reference

The following list presents the terms of reference used in this report.

Table 1 Terms of Reference

Abbreviation or term	Definition
°	Degrees (angle)
°C	Degrees Celsius (temperature)
Ag	Silver (chemical symbol)
Au	Gold (chemical symbol)
CDC	Claim Designé sur Carte (Québec mining claim type)
CIM	Canadian institute of Mining, Minerals and Petroleum
Cu	Copper (chemical symbol)
DDH	Diamond Drillhole
EM	Electromagnetic (geophysical conductivity survey)
g/t	Grams per tonne (concentration)
Ga	Billion years (Giga-annum, age)
Ha	Hectare (area)
HFR	High Frequency Response (Beep Mat conductivity data reading)
IP	Induced Polarization (geophysical survey technique)
JORC	Joint Ore Reserves Committee (Australian mineral resource reporting code)
JV	Joint Venture
kg	Kilogram (weight)
km	Kilometre (distance)
km^2	Square kilometre (area)
Kt	Kilotonne (thousand tonnes, weight)
m	Metre (distance)
MERN	Ministere d'Environnement et Ressources Naturelles (Québec ministry)
mm	Millimetre (distance)
Mt	Megatonne (million tonnes, weight)
Ni	Nickel (chemical symbol)
NI 43-101	National Instrument 43-101 (Canadian mineral resource reporting code)
NSR	Net Smelter Return (type of royalty)
NSV	No Significant Values
Oz	Ounce (weight)
P. Geo	Professional Geoscientist (as accredited in Canada)
Pb	Lead (chemical symbol)
po	Pyrrhotite (iron sulphide mineral)
py	Pyrite (iron sulphide mineral)
QA/QC	Quality Assurance and Quality Control
SEDAR	System for Electronic Document Analysis and Retrieval (Canadian securities document filing system)
SIGEOM	Système d'information géominière (Québec online geoscience and exploration data repository)

sph	Sphalerite (zinc-iron sulphide mineral)
t	Tonne (weight)
UTM	Universal Transverse Mercator (coordinate reference system)
VLF	Very Low Frequency (electromagnetic survey method)
VMS	Volcanogenic Massive Sulphide (base metal deposit type)
Zn	Zinc (chemical symbol)

3.0 PROPERTY DESCRIPTION AND LOCATION

3.1 Location

The Surimeau Property lies within NTS Sheets 32D/01 and 32D/02. The majority of the Property is within 32D/01, in Cadillac and Surimeau Townships, while the eastern portion (the “Colonie” target area) is within Fournière Township. The “Huston” northwest extension is in Bousquet township and NTS sheet 32D/02. The boundary between the Rouyn-Noranda and Vallée-de-l’Or municipalities runs north-south through the west of the Property.

The centre of the Property is at about 703,000mE 5,330,000mN, UTM NAD83 zone 17U.

3.2 Description of Mineral Tenure

The Surimeau Property consists of 535 “CDC” map-staked Mining Claims with a total area of 30,326 hectares. The claims are contiguous. All claims form standard map-staked rectangles except for two in Fournière Township which are cut at the boundary of a protected wetland area.

Several claims in the north of the Property have work excesses due to previous work completed by SOQUEM and Minroc in 2018/19 when they were part of the Malartic West property.

3.3 Nature of Issuer’s Title

In Quebec, Mineral Claims confer upon the holder the exclusive right to explore for all mineral substances discluding petroleum, gas, brine, and surficial deposits such as sand, gravel and clay. A Mineral Claim does not confer any surface rights save for access for the purpose of exploration in accordance with the Quebec Mining Act.

Claims endure for two years and can be renewed following the filing of reports of exploration work meeting the required value for assessment credits, or making an in-lieu payment of twice the required assessment credit value.

3.4 Royalties

To the best of the authors’ knowledge, there are no royalties, back-in rights, payments, or other agreements or encumbrances which would affect the Issuer’s title upon the property or ability to perform work upon it.

3.5 Environmental liabilities

To the best of the authors’ knowledge, there are no environmental liabilities which would affect the Issuer’s title upon the property or ability to perform work upon it.

3.6 Permits Required

Drilling, trenching and other exploration activities may require the cutting of trees for access routes, drill pads or trenching areas. A permit from the MERN is required prior to beginning this work. Plans of anticipated pads and routes must be submitted to the Ministry and approved. Approval time is generally in the order of four to six weeks.

3.7 Other Factors

The property lies within a region covered by an agreement between the government of Quebec and the Abitibiwinni First Nation of Pikogan near Amos, Quebec. It is recommended that Renforth keep the Pikogan community abridged of any major exploration plans on the Property particularly those which may disrupt traditional hunting or trapping rights.

Parts of the southeastern end of the Property, and key access routes, are beneath private land. Communication with the landowner is recommended ahead of any planned exploration.

A small area at the southeastern end of the Property abuts a protected wetland.

Table 2 Surimeau Claim Details

Claim	Area Ha	Staked	Date Due	Work Done	Work Req'd	Holder	Notes
2283292	57.46	2011-04-27	2023-10-31	$34,262.07	$2,500.00	Renforth	
2283293	57.45	2011-04-27	2023-10-31	$43,921.29	$2,500.00	Renforth	
2283294	30.23	2011-04-27	2023-10-31	$0.00	$2,500.00	Renforth	
2330111	57.43	2012-01-12	2023-01-11	$0.00	$1,800.00	Renforth	
2330112	57.43	2012-01-12	2023-01-11	$0.00	$1,800.00	Renforth	
2386144	57.47	2013-06-04	2022-06-03	$21,646.81	$1,800.00	Renforth	
2386145	57.48	2013-06-04	2022-06-03	$21,646.81	$1,800.00	Renforth	
2386146	57.47	2013-06-04	2022-06-03	$26,715.29	$1,800.00	Renforth	
2386147	57.47	2013-06-04	2022-06-03	$22,426.58	$1,800.00	Renforth	
2386148	8.6	2013-06-04	2022-06-03	$0.00	$750.00	Renforth	
2391626	14.88	2013-10-09	2022-10-08	$0.00	$750.00	Renforth	
2397264	57.48	2014-01-10	2023-01-09	$17,717.86	$1,800.00	Renforth	
2397456	57.46	2014-01-30	2022-06-05	$64,754.76	$1,800.00	Renforth	
2397457	57.46	2014-01-30	2022-06-05	$62,415.46	$1,800.00	Renforth	
2397458	57.46	2014-01-30	2022-06-05	$58,415.46	$1,800.00	Renforth	
2397459	57.45	2014-01-30	2022-06-05	$44,659.06	$1,800.00	Renforth	
2397460	26	2014-01-30	2022-06-05	$18,930.23	$1,800.00	Renforth	
2397461	13.48	2014-01-30	2022-06-05	$10,052.80	$750.00	Renforth	
2397463	53.28	2014-01-30	2022-06-05	$41,247.63	$1,800.00	Renforth	
2397464	26.32	2014-01-30	2022-06-05	$19,192.03	$1,800.00	Renforth	
2397465	8.91	2014-01-30	2022-06-05	$6,314.14	$750.00	Renforth	
2397767	57.53	2014-01-20	2023-01-19	$0.00	$1,800.00	Renforth	
2397768	57.52	2014-01-20	2023-01-19	$0.00	$1,800.00	Renforth	
2397769	57.51	2014-01-20	2023-01-19	$0.00	$1,800.00	Renforth	
2397770	57.51	2014-01-20	2023-01-19	$0.00	$1,800.00	Renforth	

2397771	57.5	2014-01-20	2023-01-19	$9,422.85	$1,800.00	Renforth	Lac Surimau Au area
2397772	57.5	2014-01-20	2023-01-19	$6,693.44	$1,800.00	Renforth	
2397773	57.49	2014-01-20	2023-01-19	$17,327.98	$1,800.00	Renforth	Lac Surimau Au area
2397774	57.49	2014-01-20	2023-01-19	$23,085.16	$1,800.00	Renforth	Lac Surimau Au area
2397775	57.48	2014-01-20	2023-01-19	$17,327.98	$1,800.00	Renforth	
2399631	57.53	2014-02-14	2023-02-13	$0.00	$1,800.00	Renforth	Centre Au Targets
2399632	57.52	2014-02-14	2023-02-13	$0.00	$1,800.00	Renforth	Centre Au Targets
2429422	57.44	2015-06-19	2022-06-18	$0.00	$1,200.00	Renforth	
2429423	57.44	2015-06-19	2022-06-18	$0.00	$1,200.00	Renforth	
2429424	57.43	2015-06-19	2022-06-18	$0.00	$1,200.00	Renforth	
2429425	57.43	2015-06-19	2022-06-18	$0.00	$1,200.00	Renforth	
2441650	57.46	2016-04-18	2023-04-17	$0.00	$1,200.00	Renforth	
2441651	57.45	2016-04-18	2023-04-17	$0.00	$1,200.00	Renforth	
2441652	57.44	2016-04-18	2023-04-17	$0.00	$1,200.00	Renforth	
2455025	57.53	2016-07-27	2023-07-26	$0.00	$1,200.00	Renforth	
2455026	57.53	2016-07-27	2023-07-26	$0.00	$1,200.00	Renforth	
2455027	57.52	2016-07-27	2023-07-26	$0.00	$1,200.00	Renforth	
2455028	57.52	2016-07-27	2023-07-26	$0.00	$1,200.00	Renforth	
2455029	57.52	2016-07-27	2023-07-26	$0.00	$1,200.00	Renforth	
2455030	57.51	2016-07-27	2023-07-26	$0.00	$1,200.00	Renforth	Centre Au Targets
2455031	57.51	2016-07-27	2023-07-26	$0.00	$1,200.00	Renforth	
2455032	57.51	2016-07-27	2023-07-26	$1,139.30	$1,200.00	Renforth	Laurin area
2455033	57.51	2016-07-27	2023-07-26	$0.00	$1,200.00	Renforth	
2455034	57.5	2016-07-27	2023-07-26	$6,693.44	$1,200.00	Renforth	
2455035	57.5	2016-07-27	2023-07-26	$15,768.21	$1,200.00	Renforth	
2455036	57.5	2016-07-27	2023-07-26	$16,517.62	$1,200.00	Renforth	
2455037	57.5	2016-07-27	2023-07-26	$20,474.34	$1,200.00	Renforth	
2455038	57.5	2016-07-27	2023-07-26	$19,246.81	$1,200.00	Renforth	
2455039	57.49	2016-07-27	2023-07-26	$19,216.69	$1,200.00	Renforth	Lac Surimau Au area
2455040	57.49	2016-07-27	2023-07-26	$20,955.98	$1,200.00	Renforth	
2455041	57.49	2016-07-27	2023-07-26	$19,545.86	$1,200.00	Renforth	
2455042	57.49	2016-07-27	2023-07-26	$19,636.22	$1,200.00	Renforth	
2455043	57.49	2016-07-27	2023-07-26	$19,667.27	$1,200.00	Renforth	
2455044	57.49	2016-07-27	2023-07-26	$19,545.86	$1,200.00	Renforth	
2455045	57.48	2016-07-27	2023-07-26	$16,548.21	$1,200.00	Renforth	
2455046	57.48	2016-07-27	2023-07-26	$19,277.40	$1,200.00	Renforth	
2455047	57.48	2016-07-27	2023-07-26	$16,937.16	$1,200.00	Renforth	
2455048	57.48	2016-07-27	2023-07-26	$21,226.82	$1,200.00	Renforth	
2455049	57.48	2016-07-27	2023-07-26	$21,616.70	$1,200.00	Renforth	

2455050	57.48	2016-07-27	2023-07-26	$22,786.35	$1,200.00	Renforth	
2455051	57.47	2016-07-27	2023-07-26	$18,887.53	$1,200.00	Renforth	
2455052	57.47	2016-07-27	2023-07-26	$20,447.06	$1,200.00	Renforth	
2455053	57.47	2016-07-27	2023-07-26	$21,616.70	$1,200.00	Renforth	
2455054	57.47	2016-07-27	2023-07-26	$24,345.88	$1,200.00	Renforth	
2455055	57.46	2016-07-27	2023-07-26	$20,026.82	$1,200.00	Renforth	
2455056	57.46	2016-07-27	2023-07-26	$23,176.23	$1,200.00	Renforth	
2455057	57.46	2016-07-27	2023-07-26	$22,006.59	$1,200.00	Renforth	
2455058	57.47	2016-07-27	2023-07-26	$23,176.24	$1,200.00	Renforth	
2455059	57.45	2016-07-27	2023-07-26	$20,057.17	$1,200.00	Renforth	
2455060	57.46	2016-07-27	2023-07-26	$16,036.94	$1,200.00	Renforth	
2455061	57.45	2016-07-27	2023-07-26	$0.00	$1,200.00	Renforth	
2455062	57.45	2016-07-27	2023-07-26	$0.00	$1,200.00	Renforth	
2455063	57.47	2016-07-27	2023-07-26	$19,277.41	$1,200.00	Renforth	
2455064	57.47	2016-07-27	2023-07-26	$17,717.88	$1,200.00	Renforth	
2455065	57.46	2016-07-27	2023-07-26	$19,277.41	$1,200.00	Renforth	
2455066	57.46	2016-07-27	2023-07-26	$22,006.58	$1,200.00	Renforth	
2455067	57.45	2016-07-27	2023-07-26	$1,139.30	$1,200.00	Renforth	
2455068	57.45	2016-07-27	2023-07-26	$0.00	$1,200.00	Renforth	
2455069	57.45	2016-07-27	2023-07-26	$15,839.04	$1,200.00	Renforth	
2455070	57.44	2016-07-27	2023-07-26	$749.41	$1,200.00	Renforth	
2455071	57.44	2016-07-27	2023-07-26	$0.00	$1,200.00	Renforth	
2455072	57.44	2016-07-27	2023-07-26	$0.00	$1,200.00	Renforth	
2455073	57.45	2016-07-27	2023-07-26	$0.00	$1,200.00	Renforth	
2455074	57.44	2016-07-27	2023-07-26	$691.02	$1,200.00	Renforth	
2455075	57.44	2016-07-27	2023-07-26	$719.06	$1,200.00	Renforth	
2455076	57.44	2016-07-27	2023-07-26	$359.53	$1,200.00	Renforth	
2455077	57.44	2016-07-27	2023-07-26	$0.00	$1,200.00	Renforth	
2455078	57.43	2016-07-27	2023-07-26	$131.28	$1,200.00	Renforth	
2455079	57.43	2016-07-27	2023-07-26	$0.00	$1,200.00	Renforth	
2455080	57.43	2016-07-27	2023-07-26	$749.41	$1,200.00	Renforth	
2455081	57.43	2016-07-27	2023-07-26	$651.02	$1,200.00	Renforth	
2618010	57.55	2021-08-30	2024-08-29	$0.00	$1,200.00	Renforth	
2618004	57.54	2021-08-30	2024-08-29	$0.00	$1,200.00	Renforth	
2618006	57.55	2021-08-30	2024-08-29	$0.00	$1,200.00	Renforth	
2618007	57.55	2021-08-30	2024-08-29	$0.00	$1,200.00	Renforth	
2618008	57.55	2021-08-30	2024-08-29	$0.00	$1,200.00	Renforth	
2618009	57.55	2021-08-30	2024-08-29	$0.00	$1,200.00	Renforth	

2618002	57.54	2021-08-30	2024-08-29	$0.00	$1,200.00	Renforth	
2618003	57.54	2021-08-30	2024-08-29	$0.00	$1,200.00	Renforth	
2618005	57.53	2021-08-30	2024-08-29	$0.00	$1,200.00	Renforth	
2471222	57.53	2016-12-29	2024-08-29	$0.00	$1,200.00	Renforth	
2544259	57.51	2019-10-08	2022-10-07	$0.00	$1,200.00	Renforth	
2544260	57.5	2019-10-08	2022-10-07	$0.00	$1,200.00	Renforth	
2544261	57.5	2019-10-08	2022-10-07	$0.00	$1,200.00	Renforth	
2544262	57.49	2019-10-08	2022-10-07	$0.00	$1,200.00	Renforth	
2546976	57.55	2019-11-25	2022-11-24	$0.00	$1,200.00	Renforth	Victoria area
2546977	57.55	2019-11-25	2022-11-24	$0.00	$1,200.00	Renforth	Victoria area
2546978	57.55	2019-11-25	2022-11-24	$0.00	$1,200.00	Renforth	Victoria area
2546979	57.55	2019-11-25	2022-11-24	$0.00	$1,200.00	Renforth	Victoria area
2546980	57.55	2019-11-25	2022-11-24	$0.00	$1,200.00	Renforth	Victoria area
2546981	57.55	2019-11-25	2022-11-24	$0.00	$1,200.00	Renforth	Victoria area
2546982	57.55	2019-11-25	2022-11-24	$0.00	$1,200.00	Renforth	Victoria area
2546983	57.55	2019-11-25	2022-11-24	$0.00	$1,200.00	Renforth	
2546984	57.54	2019-11-25	2022-11-24	$0.00	$1,200.00	Renforth	Victoria area
2546985	57.54	2019-11-25	2022-11-24	$0.00	$1,200.00	Renforth	Victoria area
2546986	57.54	2019-11-25	2022-11-24	$0.00	$1,200.00	Renforth	Victoria area
2546987	57.54	2019-11-25	2022-11-24	$0.00	$1,200.00	Renforth	Victoria area
2546988	57.54	2019-11-25	2022-11-24	$0.00	$1,200.00	Renforth	Victoria area
2546989	57.54	2019-11-25	2022-11-24	$0.00	$1,200.00	Renforth	Victoria area
2546990	57.54	2019-11-25	2022-11-24	$0.00	$1,200.00	Renforth	Victoria area
2546991	57.55	2019-11-25	2022-11-24	$0.00	$1,200.00	Renforth	
2548450	57.54	2019-12-17	2022-12-16	$0.00	$1,200.00	Renforth	Victoria area
2548451	57.52	2019-12-17	2022-12-16	$0.00	$1,200.00	Renforth	Lalonde area
2548452	57.52	2019-12-17	2022-12-16	$0.00	$1,200.00	Renforth	Lalonde area
2548453	57.52	2019-12-17	2022-12-16	$0.00	$1,200.00	Renforth	
2548454	57.51	2019-12-17	2022-12-16	$0.00	$1,200.00	Renforth	Lalonde area
2548455	57.51	2019-12-17	2022-12-16	$0.00	$1,200.00	Renforth	Lalonde area
2548456	57.51	2019-12-17	2022-12-16	$0.00	$1,200.00	Renforth	Lalonde area
2561156	57.54	2020-03-27	2023-03-26	$0.00	$1,200.00	Renforth	Victoria area
2562193	57.55	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562194	57.56	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562195	57.56	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562196	57.56	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562197	57.56	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562198	57.56	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562199	57.56	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	

2562200	57.56	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562201	57.56	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562202	57.56	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562203	57.56	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562204	57.56	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	Colonie area
2562205	57.56	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	Colonie area
2562206	57.56	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	Colonie area
2562207	57.56	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	Colonie area
2562208	57.56	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	Colonie area
2562209	57.56	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	Colonie area
2562210	57.56	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	Colonie area
2562211	57.56	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	Colonie area
2562212	57.55	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562213	57.55	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562214	57.55	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562215	57.55	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562216	57.55	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562217	57.55	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562218	57.55	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562219	57.55	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562220	57.55	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562221	57.55	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562222	57.55	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562223	57.55	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	Colonie area
2562224	57.55	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	Colonie area
2562225	57.55	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	Colonie area
2562226	57.55	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	Colonie area
2562227	57.55	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	Colonie area
2562228	57.55	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	Colonie area
2562229	57.54	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562230	57.54	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562231	57.54	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562232	57.54	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562233	57.54	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562234	57.54	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	Centre Au Targets
2562235	57.54	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562236	57.54	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562237	57.54	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562238	57.54	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562239	57.54	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562240	57.54	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	

2562241	57.53	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562242	57.53	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562243	57.53	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562244	57.53	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562245	57.53	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562246	57.52	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562247	57.52	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562248	57.52	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562249	57.52	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562250	57.52	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562251	57.51	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	Lalonde area
2562252	57.51	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562253	57.51	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562254	57.51	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562255	57.51	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562256	57.5	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562257	57.5	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562258	57.49	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2562259	57.49	2020-04-16	2023-04-15	$0.00	$1,200.00	Renforth	
2569179	48.18	2020-06-16	2023-06-15	$0.00	$1,200.00	Renforth	Abuts protected wetland
2569180	39.73	2020-06-16	2023-06-15	$0.00	$1,200.00	Renforth	Colonie area. Abuts protected wetland
2572765	57.49	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572766	57.49	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572767	57.48	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572768	57.48	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572769	57.48	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572770	57.48	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572771	57.48	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572772	57.48	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572773	57.47	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572774	57.47	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572775	57.47	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572776	57.47	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572777	57.47	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572778	57.47	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572779	57.46	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572780	57.46	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572781	57.46	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572782	57.46	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572783	57.51	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	

2572784	57.51	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572785	57.5	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572786	57.5	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572787	57.5	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572788	57.49	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572789	57.49	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572790	57.48	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572791	57.45	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572795	57.46	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572796	57.46	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572797	57.46	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572798	57.46	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572799	57.45	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572800	57.45	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572801	57.45	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572802	57.45	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572803	57.45	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572804	57.45	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572805	57.45	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	Huston area
2572806	57.45	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572807	57.45	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572808	57.45	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572809	57.44	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572810	57.44	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572811	57.44	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572812	57.44	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572813	57.44	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572814	57.44	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572815	57.44	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572816	57.44	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572817	57.44	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572818	57.44	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572819	57.44	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572820	57.43	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572821	57.43	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572822	57.43	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572823	57.43	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572824	57.43	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572825	57.43	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572826	57.43	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572827	57.43	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	

2572828	57.44	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572829	57.43	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572830	57.43	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572831	57.43	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572832	57.43	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572867	57.47	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572868	57.47	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572869	57.47	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572870	57.46	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572871	57.46	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572872	57.43	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572873	57.43	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572874	57.43	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572875	57.44	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572876	57.44	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572877	57.44	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572878	57.42	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572879	57.42	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572880	57.42	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572881	57.42	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572882	57.42	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572883	57.42	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572884	57.42	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572885	57.42	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572886	57.43	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572887	57.43	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572888	57.43	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572889	57.41	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572890	57.41	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572891	57.41	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572892	57.41	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572893	57.41	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572894	57.41	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572895	57.42	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572896	57.42	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572897	57.42	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572898	57.42	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572899	57.42	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572900	57.42	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572901	57.42	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2572902	57.42	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	

2572903	57.42	2020-07-17	2023-07-16	$0.00	$1,200.00	Renforth	
2576871	57.48	2020-08-21	2022-08-20	$0.00	$1,200.00	Renforth	
2576872	57.47	2020-08-21	2022-08-20	$0.00	$1,200.00	Renforth	
2581506	12.31	2020-09-15	2022-09-14	$0.00	$500.00	Renforth	
2581507	36.44	2020-09-15	2022-09-14	$0.00	$1,200.00	Renforth	
2581508	55	2020-09-15	2022-09-14	$0.00	$1,200.00	Renforth	
2581509	50.05	2020-09-15	2023-09-14	$0.00	$1,200.00	Renforth	
2581510	51.36	2020-09-15	2023-09-14	$0.00	$1,200.00	Renforth	
2586695	57.56	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586696	57.53	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586697	57.53	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586698	57.53	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586699	57.53	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586700	57.53	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586701	57.53	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586702	57.53	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586703	57.54	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586704	57.54	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586705	57.54	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586706	57.54	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586707	57.52	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586708	57.52	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586709	57.52	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586710	57.52	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586711	57.53	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586712	57.53	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586713	57.53	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586714	57.53	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586715	57.53	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586716	57.53	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586717	57.53	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586718	57.51	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586719	57.51	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586720	57.52	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586721	57.52	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586722	57.52	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586723	57.52	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586724	57.52	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586725	57.52	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586726	57.51	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586727	57.51	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	

2586728	57.51	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586729	57.51	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586730	57.5	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586731	57.5	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586855	57.59	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586856	57.59	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586857	57.59	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586858	57.59	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586859	57.59	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586860	57.59	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586861	57.6	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586862	57.6	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586863	57.6	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586864	57.6	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586865	57.58	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586866	57.58	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586867	57.58	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586868	57.58	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586869	57.59	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586870	57.59	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586871	57.59	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586872	57.59	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586873	57.59	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586874	57.59	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586875	57.57	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586876	57.57	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586877	57.58	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586878	57.58	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586879	57.58	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586880	57.58	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586881	57.58	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586882	57.58	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586883	57.58	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586884	57.58	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586885	57.57	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586886	57.57	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586887	57.57	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586888	57.57	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586889	57.57	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586890	57.57	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586891	57.57	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	

2586892	57.57	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586893	57.57	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586894	57.57	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586895	57.59	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586896	57.59	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586897	57.59	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586898	57.59	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586899	57.59	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586900	57.59	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586901	57.59	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586902	57.59	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586903	57.59	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586904	57.59	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586905	57.58	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586906	57.58	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586907	57.58	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586908	57.58	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586909	57.58	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586910	57.58	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586911	57.58	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586912	57.58	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586913	57.58	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586914	57.58	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586915	57.57	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586916	57.57	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586917	57.57	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586918	57.57	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586919	57.57	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586920	57.57	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586921	57.57	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586922	57.57	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586923	57.57	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586924	57.57	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586925	57.56	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586926	57.56	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586927	57.56	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586928	57.56	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586929	57.56	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586930	57.56	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586931	57.56	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586932	57.56	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	

2586933	57.56	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586934	57.57	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586990	57.61	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586991	57.61	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586992	57.61	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586993	57.61	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586994	57.61	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586995	57.61	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586996	57.61	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586997	57.61	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586998	57.6	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2586999	57.6	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587000	57.6	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587001	57.6	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587002	57.6	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587003	57.6	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587004	57.6	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587005	57.6	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587006	57.6	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587007	57.6	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587008	57.6	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587009	57.6	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587010	57.6	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587011	57.6	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587012	57.6	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587013	57.61	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587014	57.61	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587015	57.61	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587016	57.61	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587017	57.61	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587018	57.6	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587019	57.6	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587020	57.6	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587021	57.59	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587022	57.59	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587023	57.59	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587024	57.58	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587025	57.58	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587026	57.58	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587027	57.57	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	Colonie area
2587028	57.57	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	Colonie area

2587029	57.57	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	Colonie area
2587063	57.61	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587064	57.61	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587065	57.61	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587066	57.61	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587067	57.61	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587068	57.6	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587069	57.6	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587070	57.6	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587071	57.6	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587072	57.6	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587073	57.53	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587074	57.53	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587075	57.52	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587076	57.52	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587077	57.51	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587078	57.51	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587079	57.5	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587080	57.5	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587081	57.5	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587082	57.5	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587083	57.49	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587084	57.49	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587085	57.63	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587086	57.63	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587087	57.63	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587088	57.63	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587089	57.63	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587090	57.63	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587091	57.63	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587092	57.63	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587093	57.62	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587094	57.62	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587095	57.62	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587096	57.62	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587097	57.62	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587098	57.62	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587099	57.62	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587100	57.62	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587101	57.61	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587102	57.61	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	

2587103	57.61	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587104	57.61	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587105	57.61	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587106	57.61	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587107	57.61	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587108	57.61	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587109	57.61	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587110	57.62	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587111	57.62	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587112	57.62	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587113	57.62	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587114	57.61	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587115	57.61	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587116	57.61	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587117	57.61	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587118	57.61	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587119	57.6	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587120	57.6	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587121	57.6	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587122	57.6	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587123	57.6	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2587124	57.59	2020-11-03	2023-11-02	$0.00	$1,200.00	Renforth	
2591453	53.66	2020-12-14	2023-12-13	$0.00	$1,200.00	Renforth	
2591454	39.36	2020-12-14	2023-12-13	$0.00	$1,200.00	Renforth	
2591806	34.4	2020-12-17	2023-12-16	$0.00	$1,200.00	Renforth	
2612959	40.37	2021-06-11	2024-06-10	$0.00	$1,200.00	Renforth	

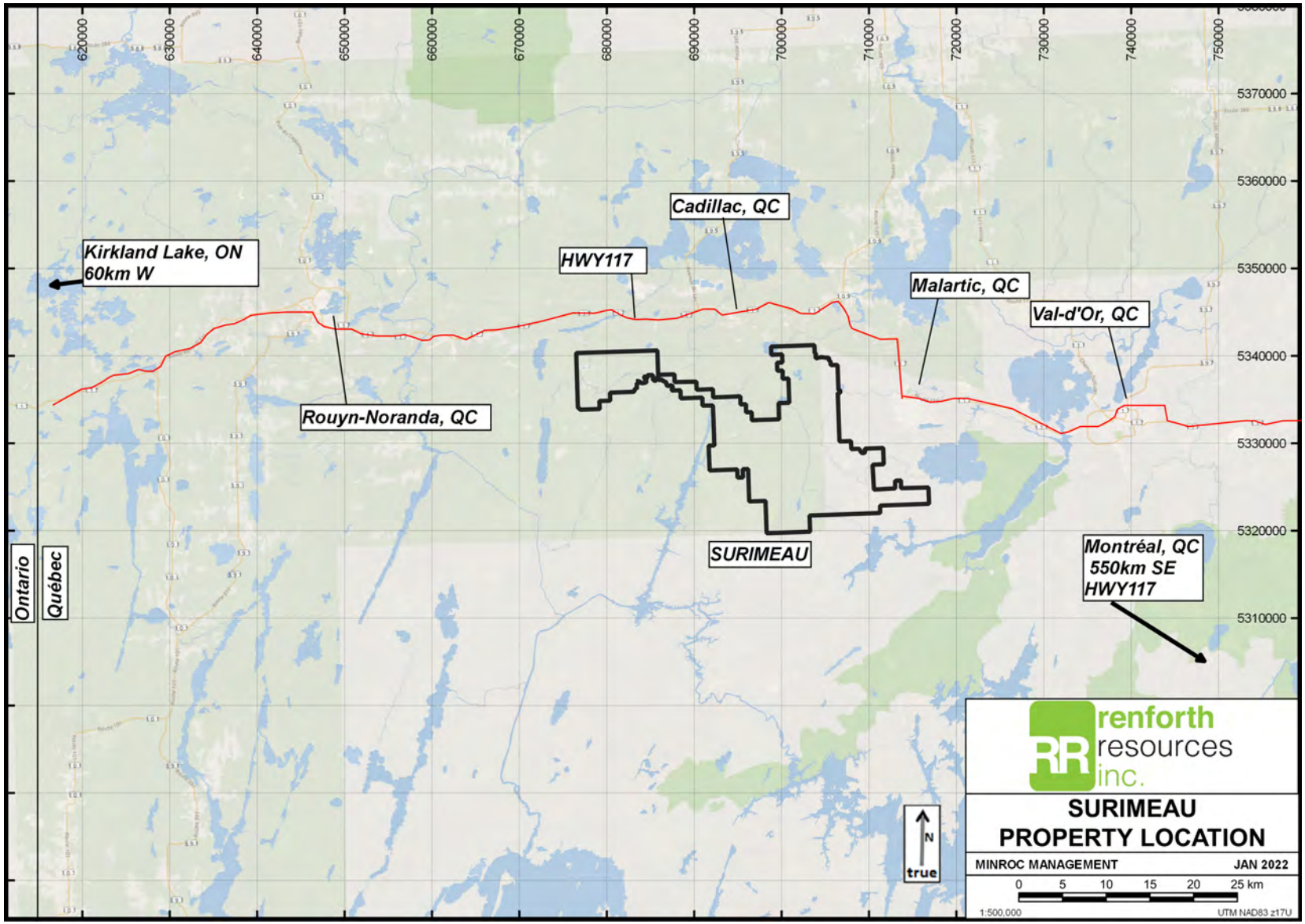


Figure 1 Property Location

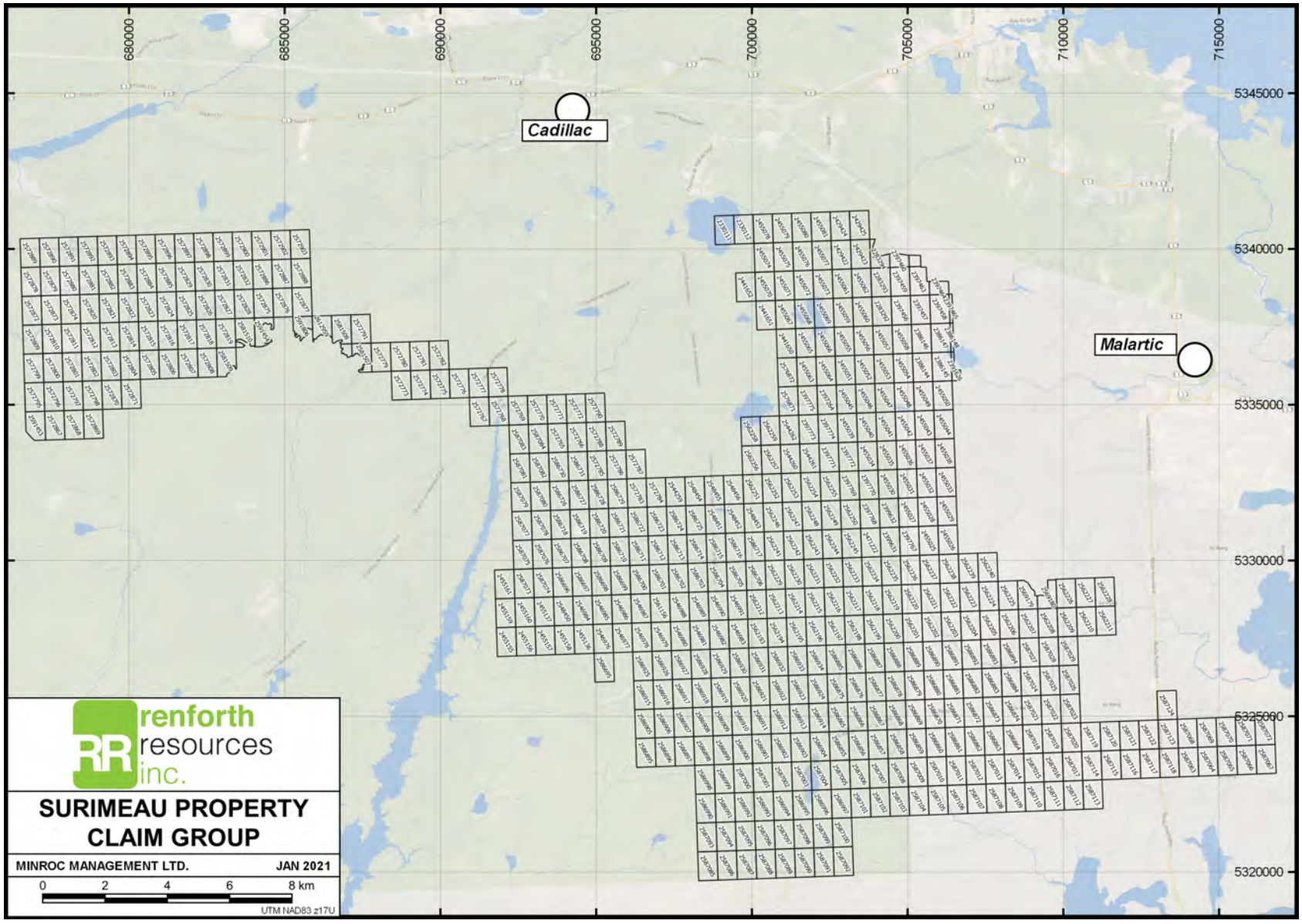


Figure 2 Claim Details

4.0 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE & PHYSIOGRAPHY

4.1 Topography, Elevation and Vegetation

The Property terrain is an undulating peneplain typical of the Canadian Shield. Elevation varies from a low of 312 m to a high of 390 m. The lowest area is in the southeast corner by the Riviere Fournière. The south-centre of the property is generally flat, swampy and low-lying, the western areas particularly around the Victoria prospect are hilly. The northern limit of the Property has the highest elevations in the area of the granodiorite Surimau batholith and an east-west dyke.

Lakes on the property include Lac Surimau in the northwest corner and the smaller Lacs Lalonde (or Laronde) and Dupuis in the west-centre. These drain into the Riviere Surimau which flows southwards. The eastern edge of the Property is drained by the Riviere Fournière.

The Arctic/Atlantic watershed passes through the western part of the Property a short distance west of the Rapide Sept road – the east and west sides eventually draining into the Harricana and Ottawa Rivers respectively.

Most of the Property is covered by mixed spruce, fir and birch. Most of the Property has been subjected to forestry activity in recent years and is at varying stages of regrowth.

4.2 Accessibility

The eastern half of the Property can be accessed using ATV trails and logging roads from Malartic. The western half, including the Victoria and Lalonde areas, can easily be accessed using the Rapide-Sept gravel road which runs south from the town of Cadillac, through the Property. Logging roads and ATV trails provide access from either side of this road.

Parts of the south-centre of the Property are difficult to access outside winter, with trails disappearing into wet ground.

4.3 Proximity to Infrastructure

The Property can be accessed by road from regional towns using highway 117 which runs through the nearby small towns of Malartic and Cadillac. Gravel roads, logging roads and ATV trails run onto the property from both of these towns.

The Hydro-Quebec powerline from the Rapide-Sept hydroelectric dam runs through the Lalonde and Victoria areas on the Property.

The region has a large mining and exploration industry and there is no shortage of contractors and supply businesses that are tailored towards exploration work.

4.4 Climate

The climate is typical of the Abitibi region which has a Humid Continental (Dfb) climate in the Koeppen system. The winters extend from November to April and a considerable amount of snowfall can be expected; when built up this snow can exceed a meter in depth. For short periods between mid-January to the end of February, the temperature may fall to approximately -40° C. Summers are short with temperatures in the range of 5

to 35° C, the latter occurring from mid-July to mid-August. Aside from brief freeze-up and breakup periods, the climate is amenable to exploration year-round.

5.0 HISTRY

5.1 Prior Ownership

Renforth's Malartic West property was assembled in 2015 from the purchase of Knick Exploration's Malartic West property and some adjacent claim groups. This Property was subject to a joint venture with SOQUEM in 2018/19. From late 2019 onwards Renforth staked claims to cover the Victoria and Lalonde occurrences which were unstaked at the time. This grew into the Surimeau Property which was later merged with the Malartic West property. In 2021 several new blocks of claims were acquired in the south and northwest. No comprehensive exploration has ever taken place across the Property as a whole; historic work has been highly focused on small areas of the current Property.

5.2 Discussion of Work

The first work on the Property is in the Malartic West area where exploration appears to have begun in the late 1930s spurred by the development of gold deposits along the Cadillac Break.

Zinc and nickel mineralization was discovered in two areas in 1943 during the construction of the Rapide-Sept powerline.

The "Victoria" Zn-Ni prospect was discovered in this way, and up until the 1980s a number of property holders delineated Zn-bearing felsics and Ni-bearing ultramafics along 5 km of strike. The "Lalonde" Zn-Ni prospect was discovered similarly but received less attention from explorers after the 1950s. Possible westward strike extensions of Victoria were drilled by Canadian Nickel Co in 1965. Historic trenches at Victoria were reopened and resampled by LAC Minerals in the 1990s and by local prospectors around 2000.

The most detailed work in the "centre block" was completed by Mines de Metaux Abitibi who undertook two gold-focused drill programs in the centre of the property in the 1980s, discovering modest gold elevations in a granodiorite body and adjacent veining. This centre part of the property was held and briefly explored by Osisko (although records are not available to Minroc) and was also partly covered by SOQUEM's Malartic West Joint Venture with Renforth in 2017-19.

LAC Minerals undertook detailed surface mapping and sampling in two areas in the east of the Property in the 1980s, which in this report are named "Colonie" and "Laurin".

Work in the Huston area is poorly documented but included two reconnaissance drill programs in the 1980s which revealed a complex sequence of ultramafic through to felsic intrusives which returned modest Au assays. Significant quartz masses with a high degree of purity were noted and it was suggested in one summary report that this could have some industrial minerals application.

Several reconnaissance work programs were completed in the northeast of the Property in what was formerly the Malartic West Property, most recently by Knick Exploration in

2011. A gold showing was discovered during a Knick surface sampling program but to date this has not been successfully duplicated by Renforth.

The Beaupré copper vein area was clearly explored in the past based on the presence of obvious blast pits, but there are no records of any work there prior to its rediscovery by SOQUEM during the joint venture in 2018.

The south-centre area of the Property has apparently never seen any exploration work, except for regional scale government geologic and geophysical surveys.

Some historic work tabulated below took place partly beyond the property but is sufficiently relevant to the mineralization on the property that it is included here.

Table 3 Property History

Work	Year	Operator	Area	# DDH	DDH Length m	DDH Names	Notes / Assay Type	Reference	On or Off Property
Bulk sampling	1930s?	Twinlake Cadillac?	Beaupre Vein				Blast pits on Cu-bearing vein	None	On
Compilation work, trenching	1938	Brooke Cadillac GML	Malartic West				Summary geologic report. Trenching shown on map but not described	GM 05927	On
Mag, EM	1944	Ordala Mines	Malartic West				Magnetic map available only	GM 07441	On
Mag, geo mapping	1945	Consolidated Mining	Victoria					GM 00435PLAN	On
EM	1947	Murlew Prospecting	Victoria					GM 07158	On
DDH	1947	Murlew Prospecting	Victoria	5	145.89	S-1 to S-5	Zn, Ni, Ag, Cu (units and widths not always clear)	GM 07169	On
Sampling	1947	Murlew Prospecting	Victoria					GM 50910	On
Sampling	1951	Victoria Copper Zinc Mines	Victoria				Ag, Au, Zn, Cu, Ni: Trench sample assays given	GM 01509	On
Sampling	1951	Victoria Copper Zinc Mines	Victoria				Au, Zn, Cu, Ni: Trench sample assays given	GM 01524	On
DDH	1952	Victoria Copper Zinc Mines	Victoria	15	1796.04	V-01 to V-15	Samples taken but results not available. References to intervals in GM 01830-A and GM 02362	GM 01830-B	On
Summary Report	1952	Victoria Copper Zinc Mines	Victoria					GM 01945	On
Summary Report	1952	Victoria Copper Zinc Mines	Victoria					GM 02362	On

Summary Report	1954	Victoria Copper Zinc Mines	Victoria					GM 02658	On
EM	1957	Bourbeau Lake Mines	Victoria					GM 04636-A	On
DDH	1957	Bourbeau Lake Mines	Victoria	7	1014.6	BL-01 to BL-07	No assays available	GM 04636-B	On
Mag	1957	Canadian Malartic	Centre Block					GM 05516	Partly On
Property summary, mapping	1957	Canadian Malartic	Centre Block				one Cu assay mentioned	GM 05632	Partly On
Summary Report	1957	Surimau Minerals Ltd	Lalonde					GM 07283	On
Summary Report	1958	Surimau Minerals Ltd	Lalonde					GM 07282	On
EM, Mag	1958	Surimau Minerals Ltd	Lalonde					GM 07696	On
DDH	1958	Surimau Minerals Ltd	Lalonde	20	1267.85	SML-01 to SML-20	Au, Zn, Ni Cu, Ag, Mo	GM 09250	On
Summary Report	1959	Surimau Minerals Ltd	Lalonde					GM 08717	On
Summary Report	1959	Surimau Minerals Ltd	Lalonde					GM 09706	On
Summary Report	1961	O L Giroux, East Sullivan Mines	Nr. Colonie	9	460	FG-1 to FG-9	Be, Mo pegmatite	GM 11462, GM 12720	Partly On
DDH	1965	Canadian Nickel Co	Victoria	2	257.32	22979 & 22980	Cu, Ni, Ag	GM 17293A	Partly On
Mag, geo mapping	1966	Anaconda American Brass	Lalonde					GM 17802	On
EM, Mag	1968	UMEX	Lalonde					GM 24755	On
DDH	1969	UMEX	Centre Block	1	153.35	P-84	No assays available	GM 24551	Off
DDH	1969	UMEX	Lalonde	4	478.72	P-34, P-35, P-95, P-96	References to Zn intervals given in GM 27685	GM 24756	On

EM, Mag	1969	UMEX	Centre Block					GM 25305	Partly On
DDH	1969	UMEX	Centre Block	1	154.57	P-86	No assays available	GM 25306	Off
DDH	1972	UMEX	Victoria	2	Unknown	P-29, P-31	Little information available. References to Zn, Cu intervals given	GM 27685	On
EM, Mag	1972	UMEX	Victoria					GM 27685	On
EM, Mag	1972	UMEX	Victoria					GM 27685	On
EM, Mag	1974	UMEX	Victoria					GM 29828	On
EM, Mag	1974	UMEX	Victoria					GM 29828	On
DDH	1975	UMEX	Victoria	3	351.5	P-152 to P-154	Au, Zn, Ni Cu (spotty sampling)	GM 30801	On
geo mapping	1977	QC MERN	Whole Property				Reconnaissance mapping & multiple regional soil surveys in 1970s-80s	CG032D01, others (public data)	Partly On
DDH	1981	Unknown	Huston	2	610	HU81-01 & 02	No assays mentioned	GM 37951	On
DDH	1983	Hecla	Huston	7	905	H-83-1 to 7	Au, Ag	GM 40730	On
Sampling, historic compilation	1984	LAC Minerals	Victoria				Au, Zn	GM 42732	On
VLF, DDH	1984	LAC Minerals	Northwest	3	293	SUR-84-01 to 03	Au, Ni, Cu, Zn	GM 41417, GM 41753	On
Gravity	1984	QC MERN	Whole Property					DP 84 37	Partly On
Geophysics, Drilling	1984	Golden Tag Resources	Malartic West	2	222	84-25-01 & 02	VLF, Mag, IP; 2 DDH to test IP targets. No sig values. Close to property boundary	GM 42062	Partly On
Sampling, summary report	1985	LAC Minerals	Colonie				Au	GM 42621	Partly On
mapping, sampling	1985	LAC Minerals	Centre Block				Au, very limited Zn	GM 42731	On
Mag	1985	LAC Minerals	Colonie					GM 43586	Partly On

soil sampling, compilation	1986	Metaux Abitibi	Centre Block					GM 43564	On
DDH	1986	LAC Minerals	Colonie	3	359.1	COL-85-01, COL-86-02, COL-86-03	Au, Zn, Ni Cu, Ag (spotty sampling)	GM 43788	On
Compilation report	1986	LAC Minerals	Colonie					GM 43789	Partly On
DDH	1986	Metaux Abitibi	Centre Block	15	3308.5	MS-86-01 to MS-86-15	Au (certs in GM 45796 and GM 47379)	GM 45796	On
Mapping, sampling	1986	Termex Resources	Nr. Colonie				Be, Mo, Ag	GM 43865	Partly On
IP	1987	Metaux Abitibi	Centre Block					GM 45795	On
DDH	1987	LAC Minerals	Colonie	2	258.5	COL-87-09, COL-87-10	Au, Zn, Ni Cu, Ag (spotty sampling)	GM 46419	On
DDH	1987	Metaux Abitibi	Centre Block	6	854.3	MS-87-01 to MS-87-06	Au (certs in GM 47379)	GM 47379	On
Mag	1987	Metaux Abitibi	Centre Block					GM 47634	On
DDH, sampling	1988	Metaux Abitibi	Centre Block					GM 47635	On
compilation	1988	Metaux Abitibi	Centre Block					GM 47635	On
Summary Report	1988	LAC Minerals	Victoria					GM 48081	On
DDH, EM, Mag	1988	Beauchamps Exploration	Victoria	5	744	BV-88-1 to BV-88-5	Au, Ni, Cu, Zn, Bi, As, Sn (certs available)	GM 49838	On
DDH	1990	LAC Minerals	Victoria	3	167	VIC-90-1 to VIC-90-3	Au, Zn, Cu	GM 50113	On
geo mapping	1990	QC MERN	Whole Property					MB 90 37	Partly On

Sampling, geo mapping	1997	Gilles Laverdiere	Lalonde, Victoria				Cu, Zn, Ni, Au, Ag, Co: cert provided	GM 57100	On
Trenching	2001	Julien Gadoury	Victoria				Au, PGE, multi	GM 58777	On
AI Interp	2000s	Diagnos	Victoria				Victoria area staked in 2006 based on "CARDS" AI work	Not public	On
Geophys, mapping	2000s	Osisko	Centre Block				Airborne EM, mag; reconnaissance sampling	Not public	Partly On
Mag, EM	2008	Globex	Malartic West				Heliborne mag, TDEM	GM 63615	On
Geophysics, Drilling, Mapping	2010-11	Knick Exploration	Malartic West	11	2590.7	MW-10-01 to MW-10-11	Ground mag, VLF. 160 grab samples taken, highest value 1.17 g/t Au. 11 DDH totalling 2,590.7 m, no sig values.	GM 65190	On
Sampling	2012	Pershimco	Lalonde, Centre Block, Colonie					GM 66408	Partly On
Mag	2014	QC MERN	Whole Property					DP201204	Partly On
Compilation	2014	Canadian Mining House	Centre Block, Malartic West				Whole property data comp. topo data interp	GM 68284; GM 68285	On
Mapping, sampling, IP	2018	SOQUEM	Centre Block				Au, multi	GM 70661	Partly On
EM, Mag, report	2018	SOQUEM	Centre Block					Internal report M Allard 8th Feb 2018	Partly On
LWIR	2019	Renforth	Whole Property					internal report N Pendock 6 Oct 2019	Partly On
Sampling	2019	Renforth	Centre Block				Au		Partly On

Sampling	2020	Renforth	Lalonde, Colonie				Ni, Cu, Zn, Co		On
Drilling	2020	Renforth	Surimeau - Victoria	3	194	SUR-20-01 to SUR-20-03	Ni, Cu, Zn, Co		On
Sampling	2021	Renforth	Huston				Ni, Cu, Zn, Co		On
Sampling	2021	Renforth	Surimeau - Victoria				Ni, Cu, Zn, Co		On
Drilling	2021	Renforth	Surimeau - Victoria	26	5432.2	SUR-21-04 to SUR-21-29	Ni, Cu, Zn, Co		On

The work listed above has been compiled by Minroc with particular attention to drillhole data. This has been cross-checked where possible and built into one single GIS dataset. Drillhole data has been compiled in CSV format for easy manipulation in other software. Given the difficulty in directly verifying drillhole data passing back as far as the 1940s, this data should be seen as an exploration guide only.

6.0 GEOLOGICAL SETTING

6.1 Regional Geology

The Surimeau property is situated atop the Pontiac subprovince, close to its northern contact with the Abitibi subprovince which is demarcated by a regional-scale tectonic structure known as the Larder Lake – Cadillac Deformation Zone (or “Cadillac Break”).

The Pontiac Subprovince fills the triangle between the Cadillac Break, the onlapping mid-Proterozoic Huronian sediments to the west, and the front of the later Proterozoic Grenville Province to the east. It consists of late Archean age clastic sediments (the Pontiac Group) with minor amounts of coarser clastic (conglomerate) and chemical (iron formation) sediments.

These are isoclinally folded along axes approximately parallel to the Cadillac Break. East-west belts of volcanic and intrusive bodies pepper the northern part of the Subprovince, typically at greenschist metamorphic grade. Post-dating these units are a series of granitoidal intrusives, the dominant rock type in the area south of the property.

Metamorphic grade gradually increases deeper into the Pontiac from the Cadillac Break. In the north of the Property, primary bedding features within the Pontiac Group greywackes are readily visible. Progressively southwards these features are increasingly overprinted with pervasive alteration to biotite and staurolite.

The Cadillac Break runs from Matachewan in Ontario to east of Val-d’Or in Québec and exhibits a strong structural control on the emplacement of several suites of late Archean felsic and alkali intrusives. Numerous highly prolific gold deposits lie in close association with the Larder-Cadillac Break, including (from west to east) Young-Davidson in Matachewan; the Kirkland Lake gold camp; Kerr-Addison and other deposits at Larder Lake; the Cadillac and Malartic camps, and Sigma-Lamaque and other deposits in the Val-d’Or area. The Cadillac Break has been and remains a highly productive district for both base and precious metal mining. It remains controversial whether gold mineralization is genetically related to the various intrusives emplaced along the Break, or whether mineralization is structurally controlled.

Notably, the Canadian Malartic deposits at Malartic are hosted within the Pontiac Group as well as within the Larder Lake – Cadillac deformation zone.

6.2 Property Geology

The majority of the property is underlain by Pontiac Group sedimentary sequences consisting of greywackes with minor graphitic beds, iron formations and gritstones/microconglomerates. Primary structures such as bedding are easily visible in the north of the Property e. g. in the Beaupré Vein area, while the Pontiac units in the southern half of the Property are regionally metamorphosed to amphibolite grade and exhibit mica-staurolite schist texture. The greenschist/amphibolite front appears to run broadly east-west somewhere to the south of the Lac Surimau batholith.

Two bands of about 500 m thickness run sinusoidally east-west across the southern half of the Property, containing mixed mafic to felsic volcanics with attendant graphite and iron formation lenses, and subparallel bodies of ultramafics, and diabase/gabbro to diorite. These bands contain most of the known polymetallic mineralization. Silica-

dolomite (listwanite) alteration is strong in the ultramafic units close to their contacts. Pyroxenite and peridotite phases are mentioned in historic drill core from Victoria. Some of the ultramafic bodies may in fact be komatiite flows similar to those noted closer to Rouyn-Noranda (Rehm 2020). Minor quartz porphyry dykes and sills are also reported in historic drillholes. These two bands may form opposing limbs of a fold which would have its nose just beyond the eastern Property boundary.

Several granodiorite stocks lie within the Property, including the Lac Surimau granodiorite, the Lac Héva layered complex, a smaller stock at Lac Dupuis and likely other bodies which may be visible in geophysics but are not known in outcrop. Diorite to granodiorite sills strike northeasterly through the northern part of the Property and are strike continuations of sills that lie in the area of the Canadian Malartic mine. The southern margin of the Property overlaps with the regional scale Decelles TTG batholith.

A number of late northeast-trending faults have been interpreted from geophysical data in several parts of the Property. The Beaupré Vein may be controlled by structures dating from this same tectonic event. A number of Proterozoic diabase dykes, probably of the Biscotasing swarm, pass through the Property with a similar attitude and their emplacement may have been controlled by this same tectonic fabric.

The northeastern edge of the Property lies about 500 m from the Cadillac Break.

7.0 DEPOSIT TYPES

7.1 Outokumpu Style Polymetallic

Renforth is using an “Outokumpu” deposit model to guide exploration in the Victoria area of Surimeau. The Outokumpu deposits in Finland contain copper, zinc, gold and silver mineralization, alongside economic quantities of nickel and cobalt. The Outokumpu district supported mining continuously from several mines between 1914 and 1989, with the Kylylahti mine also operating more recently. The deposits consist of lenses of massive sulphide (mixed pyrite, pyrrhotite, sphalerite and chalcopyrite) hosted by serpentinized peridotite in close contact with a metasedimentary sequence of mica schists and quartzites, with skarn type alteration in contact zones and a highly complex later history of faulting and remobilization. The skarn zones often host lower grade, disseminated sulphide mineralization in addition to the massive sulphide lenses.

This combination of zinc with nickel is highly unusual, since magmatic and hydrothermal processes will almost always act to separate these two metals. This makes the Outokumpu deposits almost unique. Explaining the deposits in the Outokumpu region proved to be a challenge for many years.

Most current theories take the view that the deposits were formed in two stages, as if two separate mineral deposit types have overlapped and interacted. Firstly, hydrothermal fluids deposited a copper-zinc-gold-silver sulphide ore into a seafloor sedimentary assemblage, similar to what occurs at modern mid-ocean ridges. This is an example of the conventional "Volcanogenic Massive Sulphide (VMS)" deposit type, of which there are many examples worldwide. Following this initial deposit formation (by some studies about 40 million years later; see Peltonen at al 2007), peridotites from the

oceanic crust were thrust-faulted into contact with the sedimentary units during regional tectonic events. Peridotites commonly carry nickel within silicate minerals in the absence of adequate sulphur in their original magma. During these tectonic events, hydrothermal processes in the faulted contact areas allowed sulphide in the sediments to react with the peridotite, permitting the nickel to remobilize and recrystallize in sulphide minerals (pentlandite, pyrrhotite) and thereby adding nickel to the mix of metals carried by sulphides. Cobalt is also a significant ore metal in some of the Outokumpu deposits, and entered the deposits in the same way as the nickel.

Renforth theorizes that ultramafic units were brought into contact with a pre-existing, VMS-fertile stratigraphy, and the VMS provided sulphur to allow for the crystallization of pentlandite alongside the volcanogenic sulphides. Volcanogenic pyrite in the Pontiac sequence may have been converted to pyrrhotite, providing the sulphur necessary to precipitate pentlandite and pyrrhotite from the ultramafic melt.

7.2 Orogenic Gold

Gold mineralization on the Surimeau Property is interpreted to be at least superficially similar to the orogenic gold deposits which congregate along the Cadillac Break to the north. These deposits are common in Archean greenstone terranes of the Canadian Shield and generally consist of a system of auriferous quartz-carbonate veins, which have a strong spatial association with crustal-scale, compressional or transpressional shear zones with mixed brittle-ductile expression (or second or third order deformation zones). Further, there is commonly an association with particular lithologies, which are theorized to create favourable rheological or chemical environments for vein emplacement and/or gold precipitation. In many camps there is an affinity with porphyritic intermediate-felsic intrusives, iron formations and “Timiskaming-type” conglomerates; along the Cadillac Break a common association is with “porphyry” sills.

The shear zone is generally theorized to act as a pathway for hydrothermal fluids. These fluids are then emplaced as veins in dilated portions of ductile-deformed units, in brecciated portions of more brittle units, or in pore spaces of more porous units. Gold, which is often in solution with sulphur or arsenic in these fluids, will then be precipitated wherever the sulphur or arsenic can react with minerals in the country rock. Orogenic gold deposits can have highly complex geometries due to the intricate interplay of faults and favourable host units, continued tectonic activity on the shear zone after the emplacement of the mineralized veins, and disruption by later tectonic events.

The Abitibi subprovince is home to many world-class orogenic gold deposits including Canadian Malartic at Malartic (which is partly within the Pontiac Group), Macassa at Kirkland Lake, Ontario; Dome and Hollinger at Timmins, Ontario and Sigma-Lamaque at Val-d’Or, Québec.

7.3 Pegmatite Mo, Li, REE

Pegmatite-hosted molybdenum mineralization is also mentioned at the Lalonde occurrence and there is also a pegmatite-hosted beryllium occurrence listed on SIGEOM on the eastern property boundary to the southeast of the Colonie target. There is some potential for pegmatite-hosted lithium and REE mineralization similar to what is seen in the Decelles batholith a short distance south of the Property.

8.0 MINERALIZATION

Several mineralization styles have been discovered on the Surimeau Property. Many of these are fairly recent or thinly explored discoveries and are not well described.

8.1 Surimeau Polymetallic Sulphides

At the Victoria prospect, stringers, clots and semi massive bodies of mixed sulphide can be found along contacts between ultramafic bodies and the host sequence of graphitic mudstones and volcanics, as well as entirely within the host sequence, particularly where the host sequence is brecciated and quartz-welded. Sulphides consist of pyrrhotite, sphalerite, chalcopyrite and pentlandite with rare pyrite. Mineralization at the Lalonde occurrence appears to be superficially similar to Victoria and the Colonie and Huston targets may also represent a similar mineralization style.

8.2 Beaupré Vein-Hosted Cu-Ag

A northeast-striking deformation zone, hosted by near-massive sedimentary units, can be traced over about 160 m along a ridge crest in the north of the property. It has a southwest dip of ~55°. At its narrowest (~20 cm) it has the appearance of a weakly chloritized shear zone. In places it widens to form a ~1 m thick zone of silicification, brecciation and quartz flooding. Very coarse, irregular clots of chalcopyrite as well as tight disseminations of fine pyrite are emplaced within the vein and along the immediate margins. Samples return elevated Cu and Ag from this material. The depth and strike extensions are yet to be determined and it is not clear if parallel vein sets are present.

8.3 Gold Targets

A number of Au intervals were reported in drillholes in the centre of the Property during the 1980s Metaux Abitibi programs. These chiefly consist of narrow 1-2g/t Au over 1-2 m intervals and appear to coincide with intrusive contacts and silicified zones within the Pontiac Group. One notable area near Lac Surimau is home to several wide zones of anomalous gold e. g. 0.27 g/t Au over 41.6 m in MS-87-04 (Lacroix 1987). These occur within, or close to the margin of, the Lac Surimau granodiorite stock.

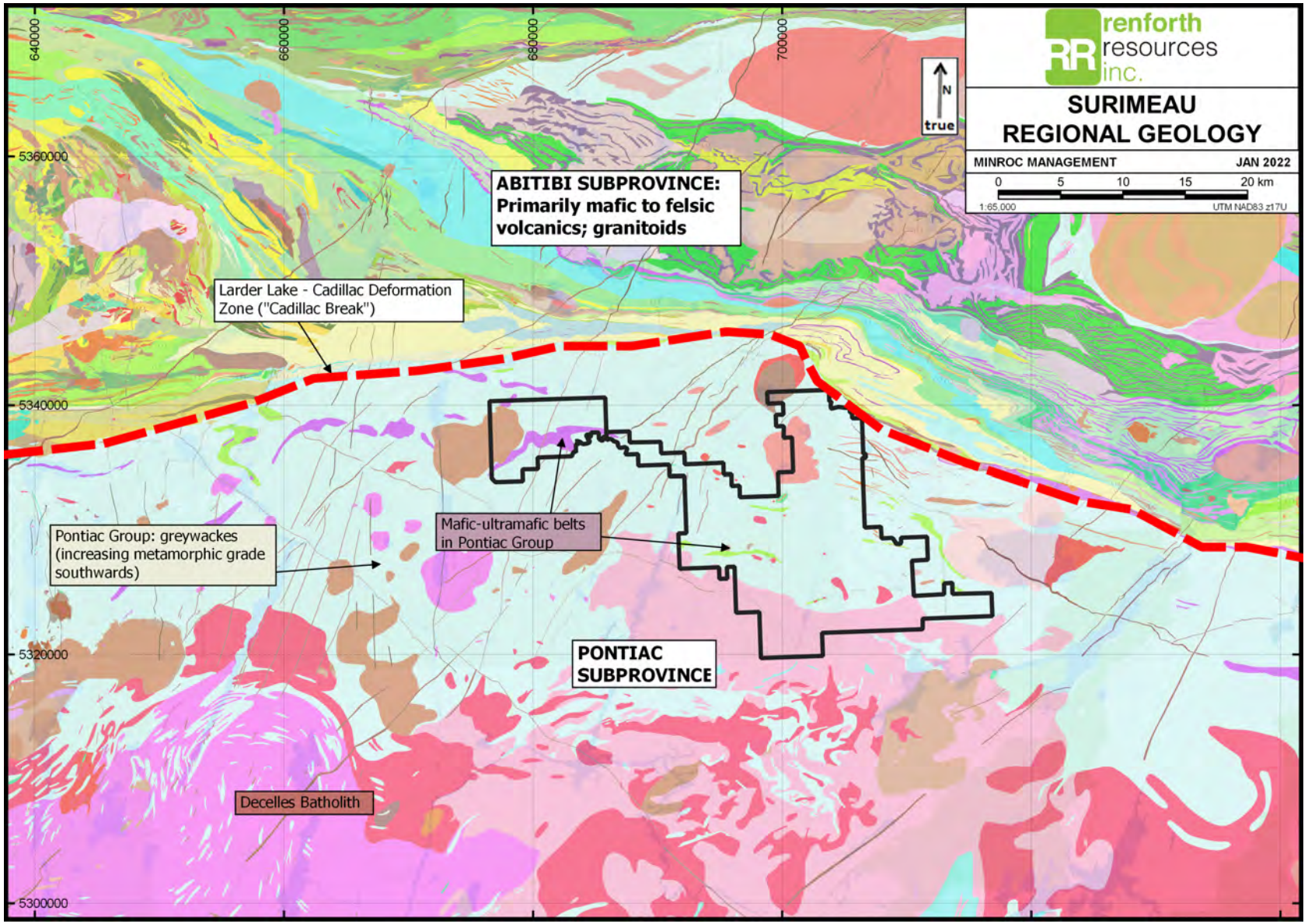


Figure 3 Regional Geology

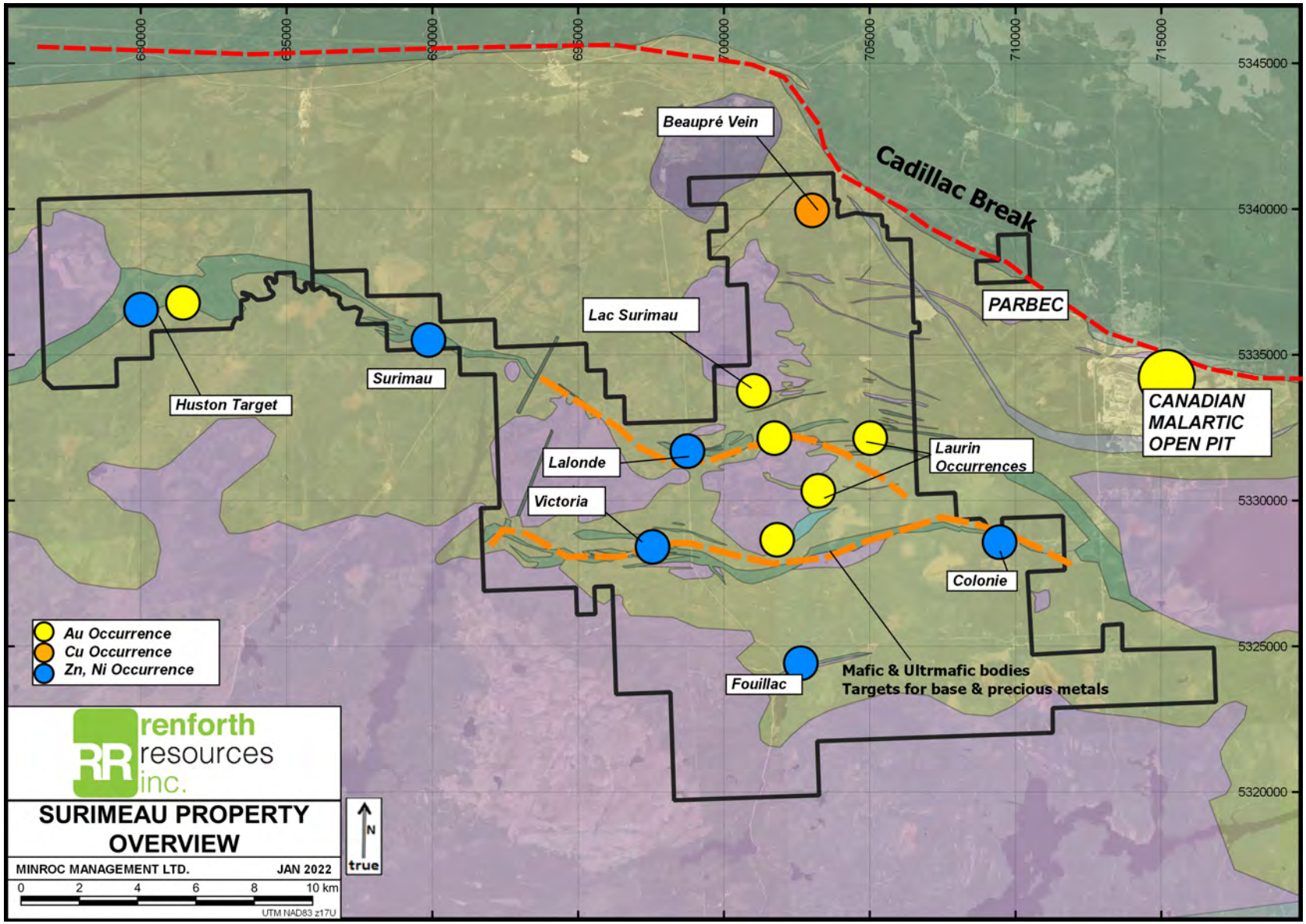


Figure 4 Property Geology

9.0 EXPLORATION

9.1 Equipment, Personnel and Logistics

Forage SMP of Val d'Or were contracted to undertake the drilling from March 24th to April 16th, 2021. Forage Roby of Val-d'Or were contracted to undertake the drilling from June 14th to July 15th, 2021, and Forage Dami-Or of Val d'Or were contracted to undertake the drilling from December 3rd to December 15th, 2021. An open area approximately 500 m west of the Rapide Sept road was used as a mobilization/staging area for all programs. Water was drawn from ponds or previously drilled drillhole casings near each of the drill holes.

Francis Newton P. Geo, OGQ acted as project geologist and undertook all drill collar spotting, core transport, supervision of drill mobilization and core logging. For the March-April program, core was logged and sampled on-site in a 10x20 ft office trailer retrofitted into a mobile core logging shack. Samples were split by Minroc personnel on-site in a modified 10x20 ft mobile container used as a core splitting shack. For the June-July and December 2021 programs, core was logged and cut in a secure site in Val d'Or, rented from Services MNG of Val d'Or. Samples were cut by Services MNG staff.

Drilling took place in three programs; the first program took place from March 24th to April 16th, 2021 (3,456 m), the second took place from June 14th to July 15th (773.2 m), 2021 and the third from December 3rd to December 13th, 2021 (1,203 m). A total of 5,432.2 m was drilled between the three programs. In total, 4,507 samples were taken, including 571 QA/QC samples. Drilling took place within claims 2546987, 2561156, 2546988, 2546989, and 2546990.

All drillholes have an azimuth of 180° to perpendicularly cut the main stratigraphy and structure identified in geophysics and by field observations, except for SUR-21-19 to SUR-21-22, which have an azimuth of 0° (or 360° North) to test the dip of the structure and to find deeper intercepts of mineralization and structure.

Table 4 Details of 2021 Drillholes

DDH	Collar UTM E	Collar UTM N	Dip °	Azimuth °	Length m	Samples	Drilled during Program
SUR-21-04	696607	5328253	-45	180	201	166	March-April 2021
SUR-21-05	696603	5328128	-45	180	207	171	March-April 2021
SUR-21-06	696853	5328320	-45	180	204	175	March-April 2021
SUR-21-07	696858	5328158	-45	180	201	169	March-April 2021
SUR-21-08	697257	5328324	-45	180	220	180	March-April 2021
SUR-21-09	697271	5328194	-45	180	207	144	March-April 2021
SUR-21-10	697555	5328255	-45	180	201	137	March-April 2021
SUR-21-11	697802	5328245	-45	180	216	156	March-April 2021
SUR-21-12	698005	5328256	-45	180	201	133	March-April 2021
SUR-21-13	697550	5328397	-45	180	201	151	March-April 2021
SUR-21-14	697805	5328395	-45	180	201	176	March-April 2021
SUR-21-15	697994	5328400	-45	180	201	167	March-April 2021
SUR-21-16	698352	5328350	-45	180	284	234	March-April 2021
SUR-21-17	698809	5328296	-45	180	300	263	March-April 2021
SUR-21-18	696847	5328263	-50	180	411	367	March-April 2021
SUR-21-19	698005	5328256	-60	0	237.7	187	June-July 2021
SUR-21-20	696858	5328158	-60	0	212.25	181	June-July 2021
SUR-21-21	697271	5328194	-60	0	184.75	139	June-July 2021
SUR-21-22	698809	5328147	-60	0	138.5	107	June-July 2021
SUR-21-23	697450	5328209	60	180	162	140	December 2021
SUR-21-24	697450	5328209	45	180	117	112	December 2021
SUR-21-25	697450	5328209	80	180	189	185	December 2021
SUR-21-26	697313	5328201	45	180	144	131	December 2021
SUR-21-27	697313	5328201	60	180	147	138	December 2021
SUR-21-28	697313	5328201	80	180	234	205	December 2021
SUR-21-29	697404	5328215	80	180	210	193	December 2021

9.2 March-April Drillhole Descriptions

SUR-21-04 (dip-45 az180, Pad 5) – covers northern half of volcanic/ultramafic zones seen in BV-88-1 and 2.

This hole consists of sediments and graphitic mudstones/siltstones to 81.3 m, followed by wide ultramafic and basaltic rocks to at least 176.7 m. The sediments are generally weakly mineralized with only traces of pyrite and pyrrhotite, and occasional higher concentrations of py, po and rare sphalerite stringers. The graphitic mudstones/siltstones are very well mineralized with frequent 1 mm to 1.5 cm pyrite and pyrrhotite stringers and nodules. There are traces of sphalerite, pentlandite and chalcopyrite often mixed in the graphitic beds of the sediments.

The ultramafic rocks contain rare fine to medium grained disseminations and stringers of pyrite and pyrrhotite. Mineralization seemed to be stronger within the occasional bands of biotite alteration.

There are rare bands of calc-silicate in the mafic volcanics and basalts (ex: 72-74.1 m, 76-77.1 m, 78.1-81.3 m, 81.3-81.6 m) which are often very well mineralized with anywhere from 5-15% fine to coarse pyrite and pyrrhotite stringers and disseminations as well as traces of sphalerite, pentlandite and chalcopyrite.

There is a narrow QFP from 121.4-126.45 m with fine to medium grained disseminated pyrite and pyrrhotite.

The hole ends in a quartzite that is very well mineralized with pyrrhotite (15-20% overall), with fine disseminations of cpy - generally trace to locally up to 1% and local areas of up to 10% cpy, and a very bright green mineral which could be cr-diopside, as well as a significant amount of a darker green, platy mineral, likely tremolite.

This hole was stopped at 201 m.

SUR-21-05 (dip-45 az180, Pad 6) – Covers southern half of volcanic/ultramafic belt. Confirm zones seen in BV-88-1 & 2 (several multi metre intervals of 0.1% to 0.4% Ni).

This hole was collared in a narrow qfp, like the one seen in SUR-21-04, hole and mineralized with 1-3% fine to medium grained disseminated pyrite and pyrrhotite. Following the qfp is a narrow graphitic siltstone with frequent fine po and py stringers. There is a wide band of ultramafic rock from 12.45-85.3 m with rare fine to medium grained disseminations and stringers of pyrite and pyrrhotite.

There is a zone of calc-silicate alteration, resembling quartzite, from 85.3 – 96.7 m, that was well mineralized with 15-20% sulfide overall, observed as fine to coarse stringers of pyrrhotite with occasional sphalerite and pentlandite rims. This unit contains frequent bands of very strong albitization resembling chert and was more biotitized than the one in the previous hole.

Following the calc-silicate alteration zone is another relatively wide ultramafic unit from 96.7-120.75 m which was more strongly biotitized and has patches of weak pervasive carbonate alteration. There is stronger mineralization in this unit with frequent coarse clotty po, pentlandite and sphalerite in carbonate veinlets from 96.7-97.2 m, fine po

along the margins of faint and wispy carbonate veinlets 96.7-103.7 m and trace pyrrhotite 103.7-120.75 m.

The hole reaches some type of sediment at 120.75 m which a narrow quartzite-type band from 120.75-121.8 m with 5-10% med to coarse stringers and clots of pyrrhotite along bedding. The calc-silicate alteration gradually disappears and the rock grades into greywacke sediments which last to the end of the hole.

This hole was stopped at 207 m.

SUR-21-06 (dip-45 az180, Pad 4) – Covers southern half of volcanic/ultramafic belt. Locate extension of zone seen in P152 (1.28% Zn over 11.43 m; about 70 m east) and site of 2020 Minroc grab samples (up to 2.42% Zn)

The top of this hole consists of a greywacke with a quartz-biotite-muscovite matrix to 77.75 m. Bedding is quite steep at approximately 80 deg to the core axis, indicating a north-dip. There is a very well mineralized quartzite following the greywacke with 15-20% pyrite overall with occasional pyrrhotite stringers and clots and trace clotty chalcopyrite. A graphitic siltstone is present to 95.2 m with frequent stringers and nodules of py+po, with frequent rims of sphalerite and pentlandite around the large py+po clots. The graphitic siltstone in this hole contains noticeably more pyrite than in the first hole.

There is another quartzite 99.3-100.45 m with coarse sphalerite and pyrrhotite stringers, trace pentlandite and chalcopyrite and trace pyrite. This unit takes on a greenish-grey-brown colour with a very gradual lower contact into the underlying ultramafics. This may be another calc-silicate alteration zone, a rock that resembles quartzite and is formed when ultramafic rocks are carbonated. This unit appears again 133.15-140.75 m.

There is a narrow QFP from 128.75-132.05 m, like the one observed in the first hole. Followed by another calc-silicate zone (without the green platy actinolite or any traces of Cr) with 10% py+po stringers and approximately 15% sphalerite stringers.

The hole reaches ultramafics at 146 m. The hole was stopped at 204 m.

SUR-21-07 (dip-45 az180, Pad 3) – Covers southern half of volcanic/ultramafic belt. Locate extension of zone seen in P152 (1.28% Zn over 11.43 m; about 70 m east) and site of 2020 Minroc grab samples (up to 2.42% Zn)

This hole is collared in ultramafics which last until 64.35 m, where there is a well mineralized bed of graphitic siltstone.

There is a calc-silicate alteration zone from 65.4-68.35 m. It is very hard and has a dark creamy-brownish-green colour due to the presence of a green mineral, possibly actinolite. It is very well mineralized with 10-15% sulfide overall, primarily pyrrhotite, with fine to medium grained clots of sphalerite and traces of pentlandite. Immediately after this unit is a brownish-grey ultramafic, strongly biotitized and contains green cr-diopside / garnet from 70-71.4 m. This unit is also very well mineralized with clotty po and po stringers throughout with traces of sphalerite.

Mudstone / graphitic siltstone is present from 85-87.95 m with 10-15% fine to med disseminated pyrrhotite and coarse clots (1-4 cm) which are heavily fractured.

Throughout this unit are fine to coarse specs of cpy (1-2% overall) and coarse sphalerite, often alongside or within po clots/stringers.

Another ultramafic is present (87.95-110.6 m) with at least trace po through most of the unit. A band of sphalerite is present (10-15% sphalerite) from 88.7-88.75 m. There is a narrow band of graphitic mudstone from 90-90.7 m 10-15% po. Another graphitic mudstone is present 110.6-114.65 m with fine to med disseminated and clotty po, cpy and traces of sphalerite.

Yet another zone of calc-silicate alteration is present from 126.05 – 129.6 m with 10-15% pyrrhotite throughout, observed are fine to coarse stringers. Sphalerite was often present alongside or within po stringers. Following this is a wide graphitic siltstone, very well mineralized with 10-15% sulfide content, primarily pyrrhotite and pyrite with trace sphalerite, pentlandite and chalcopyrite.

There is another wide ultramafic unit 133.1-146 m with patches of very strong biotitization and occasional fine-grained beds of sediments. Also present is a narrow “calc-silicate” zone from 142.15-143.8 m. Graphitic siltstone is present again near the end of hole, 146-158.6 m, with 5-10% po stringers and sedimentary nodules throughout. There are traces of cpy, sphalerite and pentlandite as well.

The hole is stopped in coarse grained ms-bt-qz rich sediments with occasional, narrow qz veinlets, generally concordant to bedding. Most of the veinlets contain trace clotty pyrite and pyrrhotite.

This hole was stopped at 201 m.

SUR-21-08 (dip-45 az180, Pad 8) – Covers the northern half of the volcanic/ultramafic belt. Test horizon seen in DDH V-01, 02 & 03 (no assays, but multi sulphide mineralization present)

Most of the hole consists of sediments, with ultramafics starting at 65.25 m. The sediments to 37.1 m are coarse grained with a quartz-biotite-muscovite assemblage. Mineralization is rare with only traces of py, po and very rare cpy in qz stringers and veinlets. The sediments from 37.1-52.5 m are fine to medium grained and at least weakly silicified with frequent bands of strong to very strong silicification. The top of this unit (37.1-39.4 m) is very heavily fractured and silicified, with numerous sulfide stringers and clots within the fractures. Pyrite and pyrrhotite stringers are present frequently throughout the rest of the unit.

The sediments from 52.5 – 65.25 m are primarily greywacke with frequent patches of graphite and narrower beds of graphitic siltstone. There is also a calc-silicate alteration zone from 52.8-54.3 m with up to 10% po and 10% sph throughout it. The graphitic siltstones were also very well mineralized with frequent bands of 10-15% sulfide, mainly pyrrhotite and sphalerite, with occasional fine stringers of chalcopyrite. There are two very well mineralized bits in this unit; 58.15-58.35 m in a bed of graphitic siltstone is approximately 40% sulfide overall with fine to med stringers of cpy, fine to med clots of sphalerite and coarse po stringers. The second band of stronger mineralization is from 61.47-62 m with approximately 40% sulfide as well – mainly coarse clots and stringers of sphalerite, some pyrrhotite and fine to med stringers of cpy.

The hole reaches ultramafics at 65.25 m, which continue to 194 m. From 171.1-175.3 m are spinifex textures in possible komatiites with biotite and carbonate vein breccias above and below the komatiites, possibly showing a section through and entire flow. Trace pyrrhotite is present from 174.8-194 m. There is a narrow band of QFP from 186.55-187.2 m with biotitized contacts.

Graphitic mudstones/siltstones are present from 194-201.1 m with silicification throughout and biotite around margins. Chalcopyrite, pentlandite and sphalerite are seen within and around coarse pyrrhotite grains. Ultramafics are seen again from 194-222 m with diopside and biotite alteration. Trace up to 2% disseminated pyrrhotite is seen throughout.

This hole was stopped at 222 m.

SUR-21-09 (dip-45 az180, Pad 7) – Covers the southern half of the volcanic/ultramafic belt. Passes ~50m W of historic Trench 24/25 area with significant mineralization (historic channels reported to inc. 3.5% Zn, 0.17% Ni and 0.02 oz/ton Au over 1.22 m); and 2020 Minroc grabs up to 3.16% Zn

The hole is collared in ultramafics with calcite biotite veins typical for pillow lava flows up to 11.4 m. From 11.4 to 59.35 m are grey to bluish grey ultramafics with some traces of spinifex textures and pyroxene xenocrysts. Graphitic siltstones with sharp contact margins are present from 59.35-72.2 m. The graphitic siltstones are strongly silicified around the contacts. The contacts themselves are marked by strong biotite and phlogopite. Sulphides include pyrrhotite, pentlandite, sphalerite and chalcopyrite.

From 72.2 -120.6 m are similar ultramafics but contain 1-2 % disseminated pyrrhotite. From 120.6-129.9 m is a zone of mixed ultramafics and aphanitic siliceous sediments. Pervasive biotite is seen throughout this unit.

Silicified sediments contain up to 3 % pyrrhotite and sphalerite. From 124.9 to 137.5 m are medium grained sediments with cordierites and relict garnets. Narrow bands of silica rich veins are present from 134.1-134.4 m and 135.55-135.65 m. These bands are not graphitic but contain 5-10 % pyrrhotite and 1-3 % sphalerite. Occasional bands of QFP with trace pyrrhotite are present from 195.3-200.9 m.

This hole was stopped at 207 m.

SUR-21-10 (dip-45 az180, Pad 9) - Covers southern half of volcanic/ultramafic belt and duplicate mineralization seen in S-1 and S-5, ~50 m to the west (inc. possible intervals of 0.24% Ni over 9.3 m, poorly documented).

This hole is collared in ultramafics with frequent brecciation, perhaps indicating low viscosity flows, from 3.3-151.4 m, as well as occasional narrow QFP's. Following the ultramafics are greywacke sediments to 201 m. Overall, this hole had no graphitic mudstones up to at least 122.85 m.

From 121.45-122.85 m and 146.2-141.1 m is an ultramafic that has been replaced by strong silicification. Trace to 3-10 % pyrrhotite and sphalerite is present within this interval. Partly recrystallized and unmineralized, beige to dark blue QFP's are present from 120.7-121 m.

From 151.4 to the end of the hole at 201 m are fine grained quartz -biotite sediments and metasediments with cordierite porphyroblasts. Marcasite filling was observed in concordant fractures from 163.7 to 161.2 m.

This hole was stopped at 201m.

SUR-21-11 (dip-45 az180, Pad 10) - Covers southern half of volcanic/ultramafic belt in poorly explored area.

The hole is collared in ultramafics, which are present to 81.8 m. The ultramafics are brecciated up to 11.7 m and predominantly cumulate thereafter. From 21-24 m is a zone with strong silicification within the ultramafics and vuggy calcite around 21-21.2 m and 23.8-24 m. This zone contains 3-7 % sphalerite and up to 15 % pyrrhotite.

From 24-40.4 m is a zone of unmineralized, dark blue quartzo-felspathic porphyry within the ultramafics. Multiple intervals of breccia are seen from 40.4-54 m. From 54-81.55 m are xenocrysts composed of pyroxene and magnetite are seen in the ultramafics. Overall, the ultramafics have trace pyrrhotite. However, 72.7-79.5 m there is a marked increase in disseminated pyrrhotite up to 2%. From 81.55-81.8 m is a narrow band of graphitic mudstone with sharp contacts and up to 10 % sphalerite and pyrrhotite.

The Pontiac sediments are intersected from 81.8-163.3 m with biotite and a weak tremolite overprint. Al-silicate porphyroblasts, like cordierite and garnets, are seen throughout. A narrow band of graphitic mudstone with a quartz breccia with 5% pyrrhotite and some sphalerite is present from 94.95-95.15 m. A wide zone of dark blue QFP is seen from 163.3- 200.1 m with labradorite and patches of trace up to 1% pyrrhotite.

This hole was stopped at 216 m.

SUR-21-12 (dip-45 az180, Pad 11) - Covers southern half of volcanic/ultramafic belt. Undercut SUR-20-002 and review mineralization in that hole (0.13% Ni over 20.5 m)

This hole was collared in massive ultramafics showing effects of weathering. The ultramafics are generally massive with strong biotitization and tremolite replacement where foliation is stronger. Overall, the ultramafics have trace to 1% fine to medium grained disseminated pyrrhotite. A gradual silicified contact was observed between the ultramafics and the graphitic sediments.

The graphitic sediments are present from 15-54.6 m. Sulfides include pyrrhotite, sphalerite and chalcopyrite. Sulphide content is 8-15% from 32 -50.4 m. The main graphitic and pyrite bearing layers are seen from 32.8 to 38.5 m, and from 43.2 to 45.4 m. The core is overall blocky in this zone.

From 54.6-69.6 m is a dark green ultramafic with precursor serpentinization. This unit has a mixed upper contact with hanging wall sediments over 0.5 m, and a strongly altered lower contact from 65 to 69.6 m. This unit hosts 1-2% fine disseminated pyrrhotite.

From 69.6-155 m are sediments with occasional QFPs and quartz-calcite veins. Trace pyrrhotite and pyrite is seen intermittently. Green to brownish, fine granoblastic texture

marked by 10% 2-5 mm micaceous cordierite porphyroblasts concentrated in cm-scale layers are present down to 88 m, the frequency of which decreases with depth.

This hole was stopped at 201 m.

SUR-21-13 (dip-45 az180, Pad 14) - Covers northern half of volcanic/ultramafic belt

This hole is collared in sediments, which continue to 65.6 m when the hole reaches ultramafics, present to the end of the hole at 201 m.

The sediments have a quartz-biotite-garnet assemblage with a relatively consistent foliation at 60-70 degrees to the core axis. From 4.3-36.5 m are frequent 0.5-10 cm quartz and pegmatitic muscovite veins. These veins decrease in frequency to 49 m. Mineralization in the sediments to 49 m is weak overall, trace to 1% fine po is present 21.1-23 m and 1-2% fine py is present 47.35-49 m. From 49-65.6 m are frequent meter-scale beds of graphitic mudstone which are very well mineralized. Mineralization in these graphitic beds range from 3-15% pyrrhotite in fine to coarse stringers and medium to coarse grained sedimentary nodules.

The ultramafics are fine grained overall and consist of massive to finely granular cumulate komatiite flows occasional flow-top breccias. There are occasional bands of spinifex. Biotite-Carbonate-Chlorite alteration is strongest in the breccias. There are frequent pinkish-purple QFP veins from 144.25-196.5 m ranging from less than a meter to approximately 6 m thick. Mineralization overall is weak with occasional disseminations of trace to 1% pyrrhotite (ex: 65.6-69.6 m) and a single fracture of molybdenite at 103.2 m.

This hole was stopped at 201 m.

SUR-21-14 (dip-45 az180, Pad 13) – Covers northern half of volcanic/ultramafic belt in poorly explored area

This hole is similar to SUR-21-13, although there are no graphitic mudstone beds and no QFP's were found in the ultramafics. This hole was collared in sediments, the same as in SUR-21-13 with a quartz-biotite-garnet assemblage. Bedding here is consistently around 60 degrees to the core axis. Mineralization is concentrated in bands of plagioclase-tremolite replacement/alteration from 25-32.5 m and within bands of moderate to very strong biotite alteration 28-42.8 m. Mineralization ranges from trace pyrrhotite to 5-10% sulfide stringers (25.7-27.6 m, 33.15-33.7 m, 38.45-39.4 m) where there are fine sphalerite stringers alongside the pyrrhotite. The hole reaches ultramafics at 42.8 m. These are nearly identical to what was observed in hole 13 but no QFP's are present. There are occasional disseminations of trace to 1% fine pyrrhotite.

This hole was stopped at 201 m.

SUR-21-15 (dip-45 az180, Pad12) – Covers northern half volcanic/ultramafic belt, undercut SUR-20-003 and confirm mineralization seen at surface (0.48% Ni over 1 m, unconstrained)

This hole is nearly identical to SUR-21-14 to 189.1 m. This hole was collared in sediments with a quartz-biotite-garnet assemblage. Bedding here is consistently around 75 degrees to the core axis. Mineralization is strongest 46.75-52 m where trace to 1%

pyrrhotite was observed with occasional coarser clots of po and sphalerite. Fine traces of chalcopyrite and molybdenite were also observed. The hole reaches ultramafics at 52.6 m. These are identical to what was described in SUR-21-13 and SUR-21-14. There are occasional disseminations of trace to 1% fine pyrrhotite.

There are sediments from 176.1-189.1 m which are dark grey to black in colour, fine to medium grained and is generally at least weakly graphite bearing. The unit has a Feldspar-mica assemblage with more minor quartz, mostly visible in sandstone and occasional 1-3 cm chert beds. The two main graphitic mudstone layers are from 181.35-182.3 m and 187.55-187.7 m. Mineralization varies quite a bit in this unit:

- 177 – 177.65 m: 5-10% pyrrhotite (fine stringers) surrounded by irregular quartz breccia, millimeter-scale sphalerite grains in quartz and alongside po.
- 181.35 – 182.25 m: 5% Po, 2-3% Sph, trace to 1% Cpy in graphitic mudstone. Sulfides observed as stringers and fracture fills ranging from 1-5 mm thick.
- 182.25 – 186.4 m: 3-5% sulfide overall, primarily Po with rare retrograde pyrite, traces of sph and cpy. Occasionally disseminated but mainly observed as 1-5 mm stringers and fracture fills.
- 187.1 – 187.7 m: 5% Po, 2-3% Sph and trace to 1% Cpy in graphitic mudstone and in fine grained siltstone, observed in 1-5 mm stringers and fracture fills.
- 188.05 – 188.1 m: 5% Po and 1-3% Cpy in 1-3 mm thick stringers and fractures.

Ultramafics are present from 189.1 m. This hole was stopped at 201 m.

SUR-21-16 (dip-45 az180, Pad 15) - Undercut VIC-90-2 & 3 (moderate Zn mineralization, no Ni assays)

This hole was collared in sediments with a quartz-biotite-garnet assemblage. Bedding here is consistently around 70-80 degrees to the core axis. The first band of ultramafics is 22.9-114.9 m. Patches of disseminated pyrrhotite, traces of pentlandite and rare chalcopyrite are present from 90 to 100 m. There are two bands of sediments from 114.9-126.15 m and 130.85-133.85 m, both with graphitic mudstone beds and ultramafics in between. These sediments are dark grey to black in colour, fine to medium grained and generally at least weakly graphite bearing with a few meter-scale graphite mudstone beds within them. The units have a feldspar-mica assemblage with minor quartz, mostly visible in sandstone. The main graphitic mudstone layers are from 119.7-120 m, 120.8-121.6 m, 122.55-124.85 m, 131.05-131.5 m and 132.05-133.45 m. Mineralization is present through most of the sediments here but it strongest in the graphitic mudstones, observed as nodules, clots and stringers of py, po, pent, sph and cpy.

Another band of ultramafics is present 133.85-153.45 m with trace to locally up to 2% pyrrhotite throughout most of the unit. As before, the ultramafics are grey to green in colour, fine grained and are massive overall. Alteration varies but generally consists of Fe-tremolite-biotite with occasional wispy calcite veining or pervasiveness.

The hole reaches sediments again at 153.45 m, which last until the end of the hole at 284 m. Biotite alteration is present through most of the core with occasional bands of

carbonate and tremolite alteration. The sediments have a dark blue-grey colour from 170-177 m with coarse clotty muscovite throughout and no visible biotitization. There are occasional clusters of a 1-10 mm blue-grey al-silicate minerals, often elongated along foliation/bedding from 161.2-170 m and 179-209.7 m.

This hole was stopped at 284 m.

SUR-21-17 (dip-45 az180, Pad 11) - Test strike continuation ~200 m east of historic trenching and drilling. Confirm historic channels from Trench 2 (reported to inc. 1.3% Zn, 0.13% Ni and 0.12 oz/ton Au over 1.22 m).

This hole was collared in sediments with a quartz-biotite-garnet assemblage. Bedding here is consistently around 60 degrees to the core axis. Meter-scale albitized-silicified bands appear within the sediments 27-58.7 m. These bands are strongly biotitized and contain approximately 30% qz-ab phenos. A narrow band of 1-5 cm graphitic mudstone beds is present 57.6-58.25 m, well mineralized with 1-2% pyrite and trace to 1% sphalerite, observed as fine stringers and crystals.

The first band of ultramafics are present 58.7-109.6 m. The ultramafics, as before, are grey to green in colour, fine grained and are massive overall. Alteration varies but generally consists of Fe-tremolite-biotite with occasional wispy calcite veining or pervasiveness. There is extremely strong Biotitization and foliation 76.4-91.15 m, followed closely by calc-silicate altered ultramafics from 106.25-109.6 m. This unit resembles quartzite but is green to brown in colour, fine to medium grained with a plagioclase matrix containing bands of Cr-diopside – Cr-tremolite and occasional bright green Cr-grossular garnets. This is the same unit observed in our western holes (SUR-21-04, 05, 06, 07). This unit is very well mineralized with 5-10% sulfide overall, primarily pyrrhotite and sphalerite with traces of pentlandite and chalcopyrite.

Immediately following the ultramafics is a wide band of sediments. There is a graphitic mudstone 109.6-111.25 m that contains 5-10% Po with trace sphalerite and chalcopyrite, observed as fine stringers and nodules. The sediments continue to at least 242.35 m, occasionally mineralized with 1-2% pyrrhotite+pyrite stringers and clots.

There is a granitoid unit following sediments, from 242.35 to at least 291.8 m. This unit is coarse grained with a qz – k-felspar – bt assemblage and rare patches of trace to 1% fine pyrite. The hole ends in fine grained greywacke sediments containing frequent qfp veins.

This hole was stopped at 300 m.

SUR-21-18 (dip-50 az180) – Located on the same section as SUR-21-06 and 07, meant to cover the width of strong mineralization seen visually. Approximately 50 m south of SUR-21-06.

This hole is an overcut of SUR-21-06 and an undercut of SUR-21-07, drilling approximately 50 m south of hole 6.

This hole was collared in sediments with a quartz-biotite-garnet assemblage. Bedding here is consistently around 80 degrees to the core axis. The rock becomes graphitic from 27.5 m to the graphitic mudstone contact at 30.15 m. Mineralization appears when

the sediments become graphitic in the form of frequent 1-2 mm pyrite and pyrrhotite stringers.

The graphitic mudstone is present in the hole from 27.5 m to at least 50.9 m. It is fine to medium grained with bedding at approximately 70 deg to the core axis. There are occasional wide bands of qz-ab stringers which may possibly represent fine micro-brecciation within the mudstone. There are also fine square brownish-grey clasts or fragments 42-44 m which might be part of the breccia. This unit is very well mineralized with frequent 0.5-3 cm stringers and 1-5 cm nodules of primarily pyrite-pyrrhotite. These stringers and nodules often also contain sphalerite and pentlandite with traces of chalcopyrite. The nodules are often rimmed with pyrite around pyrrhotite cores.

Following the graphitic mudstone is a narrow bed of sediments, followed by a quartzite and calc-silicate alteration zone in the contact area between the sediments and ultramafics, from 55.25-56.75 m. This zone is well mineralized with 3-5% sulfide overall, primarily pyrrhotite stringers with traces of sphalerite, pentlandite and chalcopyrite.

The first band of ultramafics is present 56.75-82.05 m with traces of pyrrhotite throughout, followed by a weakly mineralized qfp and another zone of calc-silicate alteration and sediments, from 85.95-95.3 m. This interval is very well mineralized, 5-15% sulfide overall, with pyrrhotite, pentlandite and traces of sphalerite and chalcopyrite. Highlights below:

More ultramafics follow the above interval, to 152.3 m, with traces of pyrrhotite throughout it. This may be a combination of Ni in silicates and fine amounts of pentlandite with the disseminated pyrrhotite through the unit. Another narrow graphitic mudstone is present within the ultramafics from 152.3-155.6 m.

Ultramafics continue to 283.65 m, followed by a narrow zone of calc-silicate alteration to 292.95 m. This style of alteration seems to occur when the sediments are in contact with the ultramafics. It may be the result of contact metamorphism when the hot ultramafics came into the system. Mineralization in this unit consists of frequent pyrite and pyrrhotite stringers with traces of sphalerite, pentlandite and chalcopyrite.

Sediments appear at 292.95 m and last to the end of the hole at 411 m. These are occasional bands of albitization, and more frequent QFP veins near the bottom of the hole, from 399.1-411 m. Mineralization is generally at least trace pyrite, with local concentrations up to 1-3% py+po, mainly around and within narrow qz-ab veinlets. There is a fine fracture at 294.5 m with coarse cpy, sph and trace pentlandite.

This hole was stopped at 411 m.

9.3 June-July Drillhole Descriptions

SUR-21-19 (dip-60 az0) – Drilled from SUR-21-12 collar due north for a deeper intercept of structure/mineralization.

Ultramafics are present through the entire hole. Relatively strong mineralization is present from 175.5-178.65 m with 5-10% fine to medium grained disseminated pyrite and pyrrhotite. The best (visual) zone is from 176-176.7 m where there are fine clotty chalcopyrite stringers (5%), semi-massive py+po (15-20%) and trace sphalerite. This is

the deepest mineralized zone observed on Surimeau to date with an approximate vertical depth of about 150 m.

This hole was stopped at 237.7 m.

SUR-21-20 (dip-60 az0) – Drilled from SUR-21-07 collar due north for a deeper intercept of structure/mineralization.

This hole consists of primarily of ultramafics with occasional bands of graphitic mudstone and a QFP. The widest graphitic mudstones are 123.8-128.3 m and 173.3-180.35 m. There are occasional narrower beds of graphitic mudstone, although it is occasionally a mix of ultramafics and graphitic mudstone (ex: 163.6-169.05 m).

Mineralization is consistent at trace to around 1% fine to med disseminated pyrrhotite and pyrite to 118.3 m where mineralization starts to get stronger, up to 3% fine to med disseminated po and py. At 37-37.1 m is a small, irregular quartz-carbonate veinlet with coarse clotty (semi-massive?) pentlandite and coarse clotty chalcopyrite. The vein seems to come from a narrow down-hole oriented graphite-filled fracture or seam. Deeper in the hole at 79.3-80.3 m is a fracture or stringer with 1-2% fine to medium grained molybdenite along it. The first graphitic mudstone from 123.8-128.3 m is very well mineralized with 5-7% sulfide overall (stringers, clots and nodules) consisting of Po+Py and Sphalerite with traces of chalcopyrite and pentlandite.

The amount of mineralization remained relatively elevated from this point on in the hole. The calc-silicate zones in the ultramafics consistently carry 1-5% sulfide (Po+py, tr cpy) and the graphitic mudstones carry 5-10% sulfide overall.

The QFP from 197.45-205.7 m is massive, blue-grey in colour with fine to medium grained biotite and trace pyrite throughout.

The ultramafics from 205.7 m to the end of the hole at 212.45 m is weakly mineralized with trace fine to med grained pyrrhotite.

This hole was stopped at 212.25 m.

SUR-21-21 (dip-60 az0) – Drilled north, located 150 m due south of SUR-21-17 for deep intercept of shear zone.

This hole consists of ultramafics throughout. Mineralization was sparse with occasional fine clots of pyrrhotite but appeared to be barren overall. Alteration varied with weak biotitization and amphibolization throughout with occasional patches of stronger alteration.

This hole was stopped at 184.75 m.

SUR-21-22 (dip-60 az0) – Drilled from SUR-21-07 collar due north for a deeper intercept of structure/mineralization.

This hole consists of dark grey muscovite-biotite bearing, fine to medium grained metasediments throughout. Mineralization was sparse with occasional traces of pyrite along fracture planes. Alteration varied with weak to mod Biotitization and muscovite alteration throughout with occasional patches of stronger alteration, generally in areas of stronger schistosity and blockiness.

This hole was stopped at 139 m.

9.5 December Drillhole Descriptions

SUR-21-23 – Drilled near the east end of the trenching where there is well mineralized bedrock (Strong Cpy, Py, Sph) in graphitic mudstone, ultramafics and the main shear.

This hole consists of ultramafics as before, to 122.65 m, grey to green in colour, medium grained and are massive overall with occasional darker green volcanic breccias and/or komatiites / flows. Alteration varies but generally consists of Fe-tremolite-biotite with occasional wispy calcite veining or pervasiveness and occasional zones of extremely strong Biotitization and foliation. There are three 4 bands of calc-silicate altered ultramafics from (28-29.2 m, 44.8-45.9 m, 59.75-61.5 m and 74.7-75.4 m). At the beginning of the March-April program was a unit initially identified as “listwanite”, but it is now viewed as an alteration within the ultramafics. This unit resembles quartzite but is green to brown in colour, fine to medium grained with a plagioclase matrix containing bands of Cr-diopside – Cr-tremolite and occasional bright green Cr-grossular garnets. This unit is very well mineralized, generally around 10-15% sulfide overall.

The mineralized zone from 44.8-45.9 m is semi-massive sulfide with 25-30% sulfide overall, and consist of pyrite, pyrrhotite, sphalerite, pentlandite and chalcopyrite.

The ultramafics continue to a depth of 122.65 m, followed by a narrow zone of fine-grained sediments and beds of graphitic mudstone. Mineralization in the graphic mudstone consist of 2-7% sulfide as stringers and nodules, occasionally with py-po rimmed sphalerite. From 127.5-162 m (end of hole) are quartz-biotite-muscovite meta-sediments with occasional clusters of pale blue al-silicates and rare clusters of brown staurolite crystals.

This hole was stopped at 162 m.

SUR-21-24 - Overcut of SUR-21-23 and 25. Drilled under new stripping under the well mineralized bedrock near east end of trench (strong Cpy, Sph and Po mineralization in graphitic mudstone + ultramafic).

This hole is essentially the same as SUR-21-23, but the units are shorter because of the shallower dip. Mineralization in the albitized calc-silicate bands is similar. There are more of these mineralized zones through this hole compared to the first, although they are narrower for the most part.

This hole was stopped at 117 m.

SUR-21-25 - Undercut of SUR-21-23 and 24. Drilled under new stripping under the well mineralized bedrock near east end of trench (strong Cpy, Sph and Po mineralization in graphitic mudstone + ultramafic).

This hole follows the same pattern as it’s two overcut holes (23 & 24). Ultramafics continue to 171.45 m, with biotite and tremolite alteration getting stronger with depth. There are a handful of calc-silicate – ab alteration zones, well mineralized with sulfide stringers and clots, from 78.5-107.05 m. There are also a few narrow bands of calc-silicate alteration with green cr-diopside and clotty and disseminated pyrrhotite. XRF scans indicate the presence of cpy, pentlandite and sphalerite chalcopyrite is only

visible in a few small areas, so it may be present as small grains within or around pyrrhotite.

The hole reaches sediments around 171.45 m. The “contact zone” between the ultramafics and sediments is very well mineralized with frequent bands or beds of calc-silicate alteration and/or silicified and albitized sediments. These look very similar to the zones seen in the previous holes near the boundary. This mineralization is present from 171.45-180.2 m. XRF scans show little Ni but elevated Zn and traces of Ni and Cu, indicating that these zones are likely sedimentary rather than calc-silicate altered ultramafics. From 180.2 m to the end of the hole at 189 m are frequent clots, nodules, and stringers of pyrite and pyrrhotite.

This hole was stopped at 189 m.

SUR-21-26 - Drilled under new stripping under well mineralized bedrock near west end of trench, between the two historic trenches. Strong Cpy, Py, Sph mineralization. (Dip -45).

This hole follows the same sequence as the first three holes near the east end of the trench area. The mineralized zones in the ultramafics are present in this hole, however, they are narrower. This might mean that the zones are boudinaging and not a consistent thickness.

The ultramafics continue to a depth of 121.65 m, followed by a narrow zone of fine-grained sediments and beds of graphitic mudstone from 122.6-122.9 m. Mineralization in the graphic mudstone consists of 5-7% sulfide as stringers and nodules, occasionally with py-po rimmed sphalerite. These fine-grained sediments continue to 130.5 m with occasional fine py-po-cpy stringers and clots.

From 130.5-144 m are quartz-biotite-muscovite meta-sediments with occasional clusters of pale blue al-silicates and rare clusters of brown staurolite crystals. There are two narrow beds of silica and carbonate alteration with very fine stringers of py-po-cpy.

This hole was stopped at 144 m.

SUR-21-27 - Undercut of SUR-21-26. Drilled under new stripping under well mineralized bedrock near west end of trench, between the two historic trenches. Strong Cpy, Py, Sph mineralization. (Dip -60).

This hole is essentially a mirror of SUR-21-26. Ultramafics continue to 132.8 m, however, there is a narrow band of sediments 73.5-79.8 m within the ultramafics. The upper contact of this narrow bed of sediments is well mineralized with 1-5% sulfide, (Py, Po, Sph, Cpy) stringers and disseminations, approaching the contact with the sediments. At the contact is 50 cm of albitized and/or silicified sediments, resembling the calc-silicate alteration often found in the ultramafics, with 5-7% sulfide overall (po, py, sph, pent). This is probably the same zone as the calc-silicate alteration zone.

The contact area between the ultramafics and sediments at the bottom of the hole has the same style of mineralization but it is quite a bit wider. The mineralized zones (ab-sil, sulfide bearing) are found 135-135.55 m and again from 135.8-137.6 m.

This hole was stopped at 147m.

SUR-21-28 - Undercut of SUR-21-26 and SUR-21-27. Drilled under new stripping under well mineralized bedrock near west end of trench, between the two historic trenches. Strong Cpy, Py, Sph mineralization. (Dip -60).

The ultramafics continue to a depth of 211.45 m. There are wide zones of tremolite-biotite alteration with serpentinized cracks/fractures and occasional sections of volcanic breccia. These zones are present in all the previous holes of the program and likely represent the boundary between separate flows.

There are two narrow bands of ab – calc-silicate alteration, present from 126.15 – 128.6 m. The two zones are 126.15-126.95 m and 128-128.6 m and contain 2-5% sulfide overall as stringers of py-po-sph and traces of pentlandite. There is trace to up to 1% disseminated sulfide between these two zones in calc-silicate altered ultramafics as well.

From 211.45 m to 216.4 m is a mix of ultramafics and sediments, with three narrow beds of sulfide-bearing graphitic mudstone (211.55-211.65 m, 211.8-211.9 m, 212.15-212.85 m) containing 2-3% sulfide overall as fine to coarse clots/nodules and stringers of py, po and sphalerite. Bedded quartz-biotite-muscovite sediments continue to 234 m with trace to 2% fine disseminated and stringer py+po to 226 m.

This hole was stopped at 234 m.

SUR-21-29 - Drilled under new stripping in the approximate center of the new trenching (Dip -80).

This hole is located between the pads for SUR-21-23,24,25 near the east end of the trenching and SUR-21-26,27,28 near the west end of the trenching. Ultramafics continue to a depth of 189.25 m, and there is a mix of ultramafics and sediments to 197.6 m. There is a section 43.8-90.2 m that is a very strong green colour. Most of this zone is strongly fe-tremolite-biotite altered and is fine grained and relatively hard. Near the bottom of this zone from 77.3-86.3 m are frequent pale greenish-grey-brown bands within the ultramafics, containing diopside-calcite-tremolite and rare grossular garnets. This unit was observed in the March-April program, and it was identified as either deformed pillows or cumulates.

Mineralization through most of the ultramafics in this hole consists of trace to locally up to 3% fine to medium grained disseminated pyrrhotite. There is a narrow band of albitized / calc-silicate altered ultramafics 88.65-88.85 m with 7-10% sulfide overall as stringers and disseminated sulfide.

Immediately following this band of mineralization is strong tremolite-cr-diopside-carbonate alteration with 1-3% disseminated pyrite and pyrrhotite, continuing to 90.2 m. After 90.2 m, the ultramafics return to a massive bluish colour with frequent pyroxene-magnetite xenoliths and fine to medium disseminated pyrrhotite throughout it.

From 189.25 m to 197.6 m is a mix of ultramafics and sediments, with two narrow beds of sulfide-bearing graphitic mudstone (191.8-191.85 m, 192-192.15 m) containing fine to coarse clots/nodules and stringers of py, po and sphalerite. Immediately following this are bands of ab-calc-silicate altered rock as in the previous holes, from 189.25-197.6 m, with cr-diopside-cr-tremolite and rarely grossular garnets. This zone is mineralized with

2-5% sulfide overall are stringers, clots, and disseminations. This alteration/mineralization zone is likely sedimentary in origin.

Bedded quartz-biotite-muscovite sediments continue to 210 m with trace, locally up to 3% fine disseminated and stringer py+po to 205 m.

This hole was stopped at 210 m.

9.6 Results

The ultramafic unit is sandwiched between the coarse-grained Pontiac sediments with a quartz-biotite-muscovite assemblage. These sediments are generally unmineralized, apart from beds of graphitic mudstones. These graphitic mudstones are generally found near the ultramafic contact and contain up to semi-massive sulfide (example: SUR-21-07). The mudstones are frequently silicified and locally brecciated with carbonate stringers alongside sulfide stringers, nodules, and clasts. The graphitic mudstones seem to carry higher values of zinc and copper with occasionally elevated Ni, for example SUR-21-20 has an interval within graphitic mudstones of 1.59% Zn, 0.11% Cu, 0.09% Ni and 144ppm Co over 13.25m (167.1-180.35m). There are occasional Ni values of around 0.2% Ni within the graphitic sediments.

The calc-silicate altered unit is usually found in the contact zone between the sediments and ultramafics either directly at or on the contact, or proximal to it. This unit resembles quartzite but is green to brown in colour, fine to medium grained with a plagioclase matrix containing bands of Cr-diopside – Cr-tremolite and occasional bright green Cr-grossular garnets. This unit seems to be an alteration of the ultramafics themselves and is generally very well mineralized with wide disseminations of coarse clotty sulfide, often 5-15% sulfide overall within these zones. XRF scans while logging core indicated the presence of Ni, Cu, Zn and Co. These observations were proven with assay results where wide intervals of Ni are present, ranging from 0.1 to 0.26% Ni. Copper, zinc, and cobalt values range quite a bit with up to 4.2% Zn and 0.5% Cu within this unit. Cobalt is present through most samples, generally between 80-400 ppm.

Assay results show that ultramafic units frequently contain elevated nickel contents, ranging from anomalous Ni to over 0.3% Ni. Wide bands of 0.1-0.15% Ni are frequent, although portions of these wider intervals may sometimes represent silicate Ni rather than sulfide Ni.

Highlight intervals from the 2021 DDH programs are presented in the table below.

Table 5 Notable Drillhole Intervals from the 2021 DDH Programs

DDH		From (m)	To (m)	Core Width (m)	Ni%	Cu%	Zn%	Co ppm
SUR-21-04		40.6	45	4.7			0.51	
SUR-21-04		52.5	60	4.4			0.37	
SUR-21-04		71	74.1	7.5			0.52	
SUR-21-04		84.5	87.25	2.75	0.154			97.7
SUR-21-04		105	106.5	1.5	0.16			117
SUR-21-04		180	186.1	6.1	0.17			74.5
SUR-21-04	*incl.*	180	182.7	2.7	0.18			68
SUR-21-04	*incl.*	184.8	186.1	2	0.18			63.4
SUR-21-04		182.7	193.2	10.5		0.52	0.44	79.66
SUR-21-04	*incl.*	192.65	193.2	0.55	0.17	0.95		217
SUR-21-04		193.2	201	7.8	0.28			165.65
SUR-21-04	*incl.*	198	201	3	0.34			184
SUR-21-05		9.1	11.3	2.2			0.51	
SUR-21-05		85.3	96.7	11.4			0.81	
SUR-21-06		77.75	95.2	17.45			0.62	
SUR-21-06	*incl.*	79	81	2		0.15	1.46	
SUR-21-06		99.3	99.65	0.35			1.8	
SUR-21-06		100.45	128.7	28.25	0.14			105.9
SUR-21-06	*incl.*	100.45	106.1	5.65	0.16			127
SUR-21-06	*or*	100.45	104	3.55	0.18			140.6
SUR-21-06		125	128	3	0.18			151
SUR-21-06		132.05	133.15	1.1			1.2	
SUR-21-06		133.15	144.5	11.35	0.19			165.2
SUR-21-06	*also incl.*	141.5	144.5	3	0.22			189.3
SUR-21-07		4.5	64.35	59.85	0.12			90.5
SUR-21-07		68.65	80.65	12	0.2			187.42
SUR-21-07	*incl.*	68.65	72.5	3.85	0.31			222
SUR-21-07	*or*	68.65	75	6.35	0.27			213.5
SUR-21-07		85	87	2		0.235		
SUR-21-07		85	88.75	3.75			2.06	
SUR-21-07		113.7	114.65	1		0.39	1.44	
SUR-21-07		125.5	133.1	7.6			0.54	
SUR-21-07		139	144	5	0.16			154.3
SUR-21-07	*incl.*	142.15	144	1.85	0.2			175.5
SUR-21-08		52.5	54.3	1.8			0.56	
SUR-21-08		64.5	65.25	0.75			1.18	
SUR-21-08		66	67.5	1.5	0.17			140
SUR-21-08		194	201.1	7.1			0.77	
SUR-21-08	*incl.*	199.2	201	1.9		0.16	1.34	

SUR-21-08		201.1	222	20.9	0.14			109.6
SUR-21-08	*incl.*	201.1	205.5	4.4	0.18			164.25
SUR-21-09		36	37.5	1.5	0.17			120
SUR-21-09		67.3	68.3	1		0.29	1.48	
SUR-21-09		112.5	114	1.5	0.19			143
SUR-21-10		35.2	39	3.8	0.17			152.05
SUR-21-10		89.65	142.3	52.65	0.12			93.5
SUR-21-10	*incl.*	91.15	92.05	0.9	0.165			102
SUR-21-10	*also incl.*	115.5	117	1.5	0.165			125
SUR-21-10	*also incl.*	132	133.5	1.5	0.15			99
SUR-21-10		146.25	150	3.75			0.76	
SUR-21-11		4	21	17	0.15			103.27
SUR-21-11	*incl.*	18	21	3	0.19			128.5
SUR-21-11		21	23	2			0.64	
SUR-21-12		11.4	15	3.6	0.15			161.1
SUR-21-12		22	27	5		0.1	0.52	
SUR-21-12		31	32	1			1.08	
SUR-21-12		34	38	4			0.48	
SUR-21-12		43.2	45.4	2.2			0.48	
SUR-21-12		49	54.6	5.6			0.87	
SUR-21-12		55.6	68.8	13.2	0.14			95.37
SUR-21-12	*incl.*	65	68.8	3.8	0.18			116.5
SUR-21-13		57	60.6	3.6			0.45	
SUR-21-13		64.7	65.6	0.9			1.2	
SUR-21-13		64.7	76.5	11.8	0.14			116.4
SUR-21-13	*incl.*	66.6	69	2.4	0.2			147.8
SUR-21-14		38.45	39.5	1.05			1.68	
SUR-21-14		109.5	116	6.5	0.18			104.65
SUR-21-14	*incl.*	110.75	111.7	0.95	0.32			179
SUR-21-14		173	176	3	0.15			93.5
SUR-21-15		52.6	82.7	30.1	0.13			93
SUR-21-15	*incl.*	52.6	55.58	2.9	0.2			152.8
SUR-21-15		111.5	145.3	33.75	0.14			94.65
SUR-21-15	*incl.*	120.1	121.3	1.2	0.24			194
SUR-21-15	*incl.*	127	129.6	2.6	0.16			87.3
SUR-21-15	*incl.*	140	145.3	0.15				92.6
SUR-21-15		174.55	177	2.45	0.17			118.5
SUR-21-15	*incl.*	176.1	177	0.9	0.22			163
SUR-21-15		177	177.65	0.65			1.12	
SUR-21-16		66	70.5	4.5	0.24			106.66
SUR-21-16		103.5	114	10.5	0.14			98
SUR-21-16		130.85	133.45	2.6			0.93	

SUR-21-17		100.35	109.6	9.25	0.17			131.76
SUR-21-17	*incl.*	106.25	109.6	3.35	0.24			200.04
SUR-21-18		30.15	51.2	21.05			0.51	
SUR-21-18	*incl.*	39	40	1			0.85	
SUR-21-18		56.4	82.05	25.65	0.13			110
SUR-21-18	*incl.*	56.4	59	2.6	0.19			143.34
SUR-21-18	*incl.*	62.1	63	0.9	0.17			147
SUR-21-18	*incl.*	76.15	77.5	1.35	0.22			200
SUR-21-18		85.95	90.9	4.95			0.62	
SUR-21-18		90.25	152.3	62.05	0.14			104.85
SUR-21-18	*incl.*	90.25	90.9	0.65	0.2	0.13	2.05	262
SUR-21-18	*incl.*	90.25	99.5	9.25	0.2			164.4
SUR-21-18	*incl.*	93.6	98	4.4	0.23			181.2
SUR-21-18	*also incl.*	93.6	94.75	1.15			1.1	
SUR-21-18	*incl.*	140	143	3	0.16			91.3
SUR-21-18	*incl.*	149.5	150.5	1	0.18			151
SUR-21-18		255.1	283.65	28.55	0.13			100.49
SUR-21-18	*incl.*	271	282.5	11.5	0.14			103.4
SUR-21-19		1.5	57	55.5	0.13			96.89
SUR-21-19	*incl.*	52.5	57	4.5	0.19			179
SUR-21-19		69	123	54	0.15			100.1
SUR-21-19	*incl.*	69	72	3	0.18			158
SUR-21-19	*incl.*	82.5	84	1.5	0.15			142
SUR-21-19	*incl.*	93	94.5	1.5	0.2			174
SUR-21-19	*incl.*	99	121.5	22.5	0.15			98.69
SUR-21-19	*incl.*	114	121.5	7.5	0.16			95.2
SUR-21-19		130.5	237.7	107.2	0.15			112.64
SUR-21-19	*incl.*	142.5	157.5	15	0.16			110.3
SUR-21-19	*incl.*	160.5	163.5	3	0.2			156
SUR-21-19	*incl.*	165	168	3	0.16			107.5
SUR-21-19	*incl.*	169.6	184	14.4	0.22			196.4
SUR-21-19	*also incl.*	175.5	176.6	1.2	0.3	0.5	0.35	428
SUR-21-19	*incl.*	186.5	196	9.5	0.16			107.2
SUR-21-20		49	54	5	0.21			163
SUR-21-20		66.5	146	79.5	0.185			144.7
SUR-21-20	*incl.*	72.5	118.5	46	0.21			158.7
SUR-21-20	*incl.*	120	124.5	4.5	0.17			138.5
SUR-21-20	*also incl.*	123.65	128.3	4.65			1.5	
SUR-21-20	*incl.*	129	144.5	15.5	0.17			130.1
SUR-21-20		147.7	173.5	25.8	0.15			157.6
SUR-21-20	*incl.*	164.55	167.1	2.55	0.21			209.8
SUR-21-20		167.1	170.5	1.35				
SUR-21-20		173.5	180.35	6.85			2.4	

SUR-21-20		180.35	195	14.65	0.16			164.5
SUR-21-20	*incl.*	184.4	188	3.6	0.22			247.04
SUR-21-21		132	133.5	1.5	0.2			144
SUR-21-21		165	171	6	0.17			89.8
SUR-21-21	*incl.*	166.5	168	1.5	0.21			90.8
SUR-21-23		21	72.65	51.65	0.17			152
SUR-21-23	*incl.*	30	64	34	0.2			180.1
SUR-21-23	*incl.*	47.04	56	8.6	0.24			197.2
SUR-21-23	*incl.*	59.75	61.5	1.75			3.06	220.28
SUR-21-23		74.7	75.4	0.7			1.54	143
SUR-21-23		94.1	96	1.9	0.22			197.1
SUR-21-23		96	96.45	0.45			0.17	797
SUR-21-23		111.5	113.2	1.7	0.18			148
SUR-21-23		122.65	123.35	0.7			1.5	162
SUR-21-24		22.5	23	0.5			1.8	98.2
SUR-21-24		25.25	25.5	0.25		0.51		
SUR-21-24		25.5	62	36.5	0.16			143.31
SUR-21-24	*incl.*	27	36	9	0.21			162.17
SUR-21-24	*incl.*	40.5	42.95	2.45	0.2			174.7
SUR-21-24	*incl.*	42.95	44.05	1.1			1.24	
SUR-21-24	*incl.*	45.05	45.55	0.5			1.13	
SUR-21-24	*incl.*	45.05	48.7	3.65	0.24			218.9
SUR-21-24	*incl.*	48.7	51.7	3			2.8	
SUR-21-24	*incl.*	52.4	53.1	3.65	0.21			154
SUR-21-24		64.35	67	2.65	0.17			131.1
SUR-21-24		68.5	69.8	1.3	0.175			124
SUR-21-24		70.8	71.5	0.7	0.16			173
SUR-21-24		82.6	84.65	2.05	0.25			191.9
SUR-21-25		6.5	20.5	14	0.15			94.5
SUR-21-25	*incl.*	8.5	16	7.5	0.17			98.8
SUR-21-25		28	103.6	75.6	0.16			123.5
SUR-21-25	*incl.*	38	39	1	0.19			152
SUR-21-25	*incl.*	42.5	43.65	1.15	0.21			163
SUR-21-25	*incl.*	57	58.4	1.4	0.24			144
SUR-21-25	*incl.*	61	63	2	0.22			174.35
SUR-21-25	*incl.*	71.5	81.35	9.85	0.21			160.65
SUR-21-25	*incl.*	88	88.8	0.8	0.2			153
SUR-21-25	*incl.*	92.5	93.15	0.65	0.22			191
SUR-21-25	*incl.*	99	102.1	3.1	0.21			
SUR-21-25		158.7	160	1.3	0.2			154
SUR-21-25		169.3	170.25	0.95	0.18			148
SUR-21-25		171.45	172.3	0.85			1.96	161
SUR-21-25		173.3	174.1	0.8			1.8	128

SUR-21-25		178.2	180.2	2			0.8	94.7
SUR-21-26		2.8	61	58.2	0.17			116.4
SUR-21-26	*incl.*	37.5	57.45	19.95	0.24			152.3
SUR-21-26	*incl.*	51	55.4	4.4	0.3			176.3
SUR-21-26		65.35	67.2	1.85			1.9	98.72
SUR-21-26		90.5	96	5.5	0.15			83.5
SUR-21-26		107.15	109.2	2.05	0.19			131.3
SUR-21-26		122.5	124.55	2.05			0.27	84.77
SUR-21-27		15.4	16.3	0.9	0.16			150
SUR-21-27		30	34.5	4.5	0.17			150.7
SUR-21-27	*incl.*	31.5	33	1.5	0.19			163.5
SUR-21-27	*also incl.*	44	73.5	29.5	0.18			159.3
SUR-21-27	*incl.*	51.5	52.8	1.3	0.22			192
SUR-21-27	*also incl.*	55.5	73.5	18	0.2			151.2
SUR-21-27	*also incl.*	55.5	65.25	9.75	0.235			172.5
SUR-21-27	*and*	70	72.5	2.5	0.23			167.6
SUR-21-27		91.5	93	1.5	0.15			108
SUR-21-27		97.5	99	1.5	0.16			103
SUR-21-27		109	112	3	0.16			105.5
SUR-21-28		31.5	36	4.5	0.18			155.6
SUR-21-28		40.9	211.45	170.55	0.16			100.2
SUR-21-28	*incl.*	61.5	77.35	15.85	0.2			133.6
SUR-21-28	*incl.*	70.6	72.6	2	0.34			214.5
SUR-21-28		153	153.8	0.8	0.19			134
SUR-21-28		**187.5**	**202.5**	**12**	**0.46**			**130.4**
SUR-21-28	*incl.*	195	202.5	7.5	0.8			174.5
SUR-21-28	*incl.*	196.5	198	1.5	3.46	0.1		491
SUR-21-29		25.65	30	4.35	0.16			99.2
SUR-21-29		55	90.2	35.2	0.185			149.2
SUR-21-29	*incl.*	55	58.25	3.25	0.2			177
SUR-21-29	*incl.*	65.5	69.1	3.6	0.2			169.25
SUR-21-29	*incl.*	71.55	74.5	2.95	0.19			140.3
SUR-21-29	*incl.*	75.5	88.65	13.15	0.225			176.15
SUR-21-29	*also incl.*	82	84	2	0.32			213.5
SUR-21-29		183	185.95	2.95	0.15			104.6

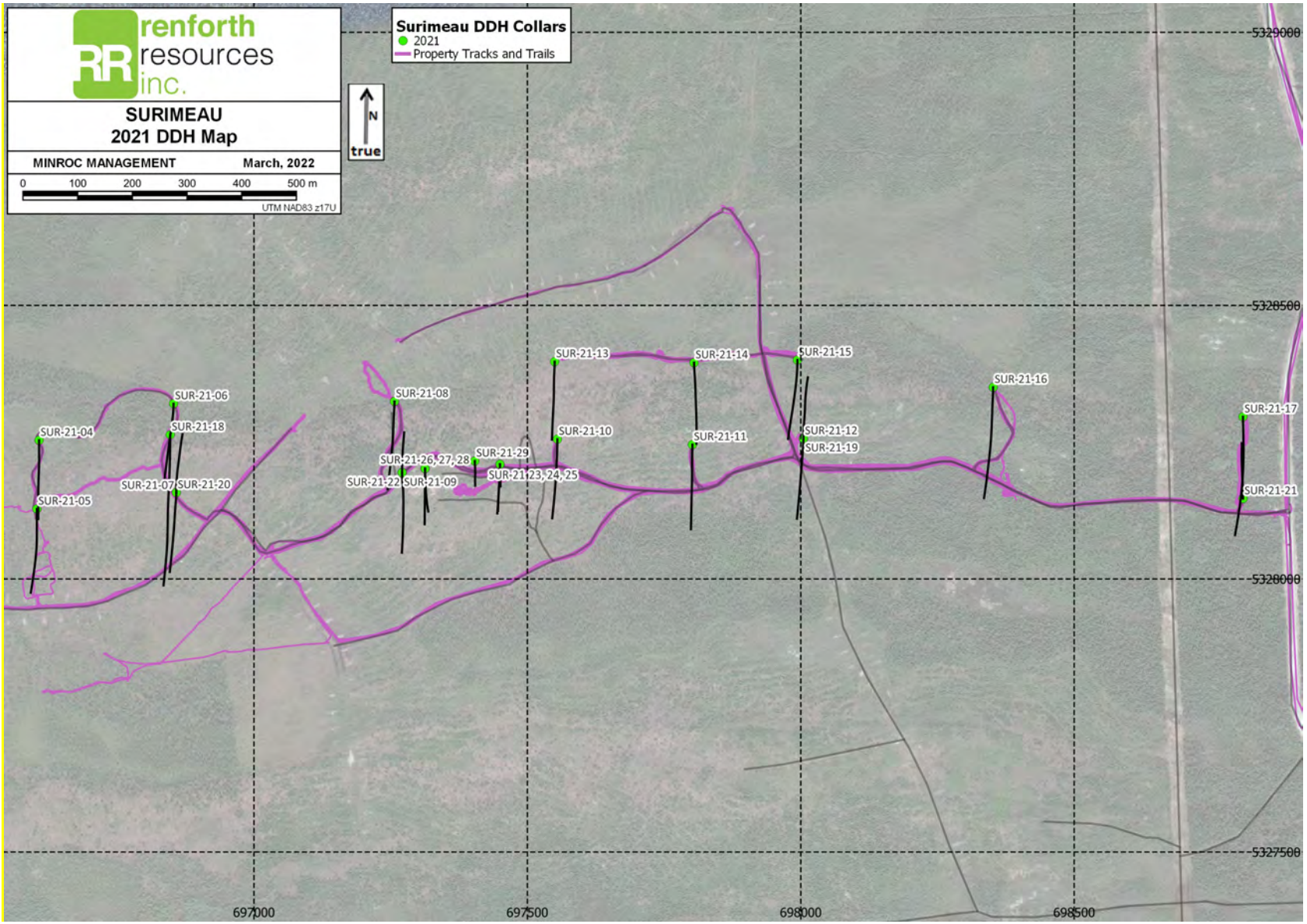


Figure 5 Locations of 2021 drillholes

10.0 SAMPLE PREPARATION, ANALYSIS AND SECURITY

Sample material was selected for sampling by Minroc geologists during logging, based on the visible or inferred presence of polymetallic mineralization. Samples taken during the March-April 2021 program were split using a standard core splitter setup manufactured by Services Exploration of Rouyn-Noranda. A splitter was chosen over a core saw due to water supply constraints. Samples taken during the June-July and December 2021 programs were cut using a diamond-blade saw. After splitting and/or cutting, sample material was placed in clear plastic bags along with a unique sample tag identifier. Assay tag numbers were also written on the outside of the bags. Samples were delivered by Minroc personnel to AGAT Laboratories in Val-d'Or throughout the program where they were tested by "201-378" Sodium Peroxide Fusion – ICP-OES/ICP-MS Finish.

AGAT ran a QA/QC regime internally alongside the sample assays, including three standards (some combination of Till-2, WMG-1a, GTS-2a, CGL-015) for multielement analysis, as well as routine duplicates. All results were reviewed by Minroc and are considered satisfactory by the authors.

AGAT facilities conform to the requirements of the ISO/IEC 17025 Standard (General requirements for the competence of testing and calibration laboratories), and regularly take part in proficiency testing. AGAT is independent of Renforth, Minroc and all other interested parties.

11.0 ADJACENT PROPERTIES

Canadian Malartic

The key adjacent property is the Canadian Malartic property which abuts it to the east. The Canadian Malartic property is a major local gold producer, producing 697,200 ounces of gold in 2018 (Agnico-Eagle 2019). In the early and mid 20th Century several mines exploited a complex series of gold deposits related to both a series of syenites and disseminated mineralized zones within the Pontiac Group, as well as a splay of the Cadillac Break: the original Canadian Malartic mine, Sladen, Barnat and East Malartic. In the 2000s these historic properties were amalgamated by Osisko Exploration who had identified a low-grade auriferous halo around the historically mined deposits. This was developed into an open pit at which commercial production began in 2011. In 2014 the Canadian Malartic property was acquired by Canadian Malartic GP, a joint venture between Agnico-Eagle and Yamana Gold. As of 2019 the pit covers about 3 km of strike, with eastern extensions at the Odyssey and Sladen deposits (in the Cadillac Break) in development (Agnico-Eagle 2019). The western portion of the deposit, which lies mostly within the Pontiac Group, is open to the west (Agnico-Eagle 2019).

Wells-Lacourcière

The Wells-Lacourcière property, held by Lithium MetalsTech, is adjacent to the Surimeau property on the south. It covers a portion of the Decelles granodiorite batholith in which northwest-trending zones of pegmatite are known to carry spodumene (lithium mica). These dykes can reach 600 m in length and 15 m width, with a spodumene content up to 5%.

The Victoria volcanic sequence strikes onto the Wells-Lacourcière property. Two drillholes were drilled here in 1965, one of which encountered notable nickel values in ultramafic units.

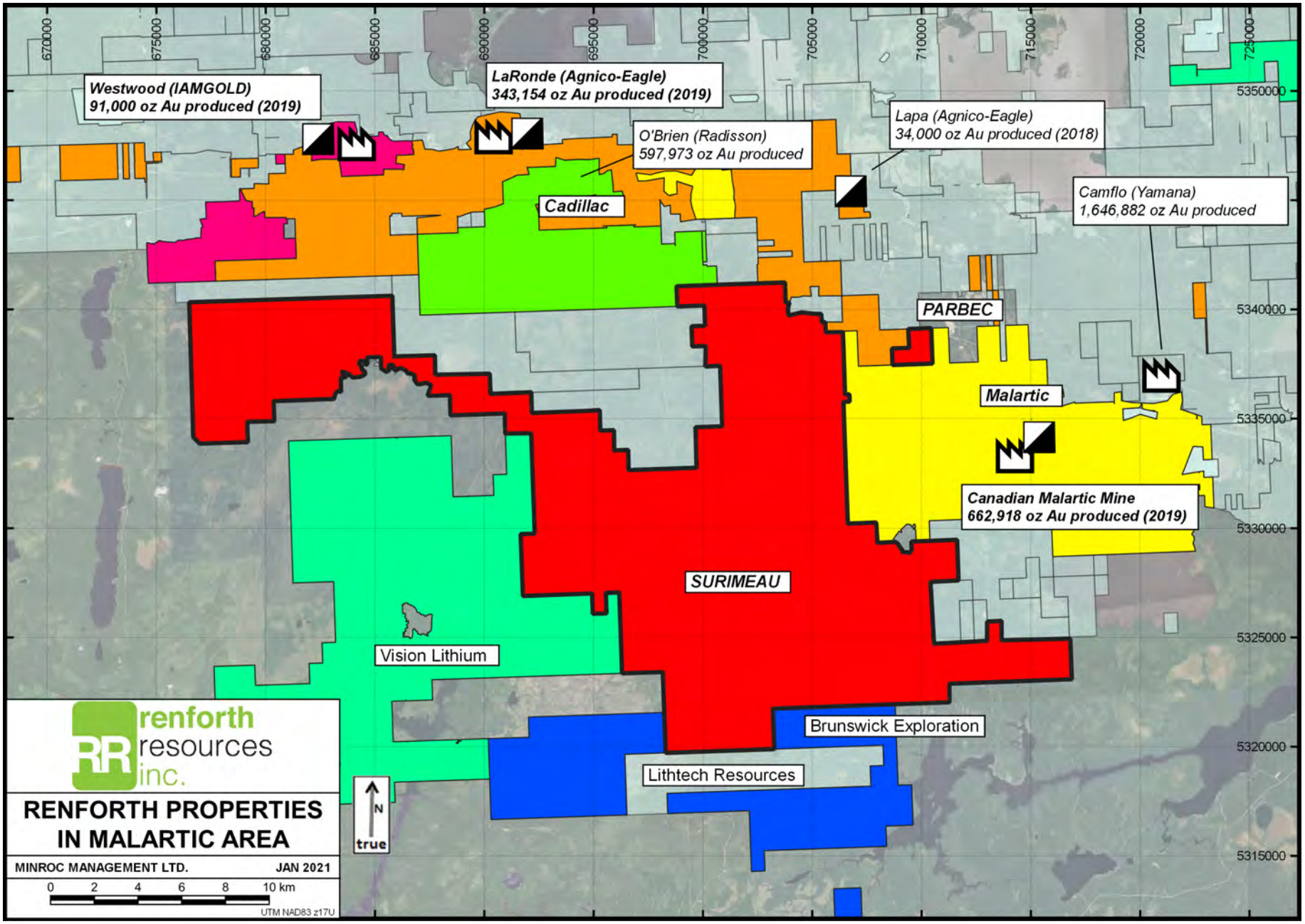


Figure 6 Adjacent Properties

12.0 INTERPRETATIONS AND CONCLUSIONS

Minroc Management Ltd was retained by Renforth Resources Inc. (Renforth) to complete a series of drill programs through 2021 in the Victoria area of the Surimeau Property near Malartic, Québec. Drilling took place in three programs, the first program took place from March 24th to April 16th, 2021, the second took place from June 14th to July 15th, 2021, and the third from December 3rd to December 13th, 2021. A total of 3,456 m was drilled from March to April 2021, 773.2 m was drilled June to July 2021 and 1,203 m was drilled in December 2021, totaling 5,432.2 m drilled between the three programs. A total of 4,507 samples were taken, including 571 QA/QC samples.

Holes drilled during the March-April program were drilled south in pairs, designed to cross the entire width of the east-west striking magnetic ultramafic body, and holes were drilled along strike of the ultramafic body to test for continuity of mineralization along strike. Some holes were also drilled to expand on the strong base-metals mineralization discovered in the December 2020 DDH program. Holes drilled during the June-July program were drilled north and were designed to test for deeper intercepts of mineralization observed in the March-April program. Holes drilled during the December program took place in the easter and western ends of the Fall 2021 trenching program in two areas which gave the strong visual mineralization and XRF field results, holes were designed to test mineralization observed at surface during the Summer 2021 trenching program as well as to test zones observed in select historic drillholes.

This drill program successfully confirmed the continuity of base metal mineralization within the ultramafics, calc-silicate alteration zones and the graphitic sediments and produced meaningful assay results in nearly all diamond drill holes warranting further exploration efforts.

Mineralization in DDH is continuous over a 2.2 km strike length, where 5 km of strike is mineralized at least at surface based on prospecting results. This strike length is co-incident with a magnetic anomaly clearly visible on government geophysics, which continues east of the current extent of drilling for approximately 15 kilometers, where it ends on the Surimeau property at the Colonie target, which hosts polymetallic mineralization based on historic assessment reports.

Mineralization seems to be related to intrusive ultramafics, carrying consistent nickel and cobalt mineralization, while the strongest copper and zinc mineralization is present in the hanging and footwall zones within the sediments and the main shear zone. Occasional mixing does occur, as evident in the assay results. Surimeau may be an Outokumpu style system in which two different mineralized bodies have been juxtaposed in one location. Both magmatic nickel deposits and volcanogenic massive sulfide deposits can form in the same district, and even in close juxtaposition, however, each form by very different, mutually incompatible mechanisms. It is possible that the nickel accumulation at Surimeau formed through a high temperature immiscible sulfide style process, and that the copper and zinc accumulations formed as a stratiform sediment-dominated sulfide system. It is clear from Outokumpu studies, as well as the descriptions of Surimeau, that it is a closely similar system. Further work must be completed to determine the true nature of the mineralization present on the property.

The Surimeau property is highly prospective for magmatic base-metal deposits. Observations made during the initial drill program in 2020 and more recently in 2021, show that mineralization is present in both the ultramafic and sedimentary units. Observed sulfide mineralization in all DDH includes chalcopyrite, pentlandite, pyrite, pyrrhotite and sphalerite. These observations were field-tested with the use of a Niton XRF and later confirmed with assay results. Mineralization was observed as broad disseminated zones within the ultramafics, as well as nodules, stringers and semi-massive zones within the graphitic sediments and calc-silicate altered zones. Mixing of sulfides, mainly pentlandite, chalcopyrite and sphalerite was present primarily in the calc-silicate altered ultramafic units, in contact zones between the sediments and ultramafics, and in the graphitic mudstone sedimentary units. These observations are consistent in nearly all holes drilled in the 2021 DDH programs.

13.0 RECOMMENDATIONS

Minroc recommends the following work be completed:

1. Further drilling to continue to expand on mineralization along strike and at depth.

2. Conducting airborne geophysics over the main focus area of the Victoria area of Surimeau to better define the extent of mineralization. This data would also be useful in planning future work.

3. If future drilling reveals zones of significant sulfide mineralization, conducting borehole electromagnetic surveys may help in determining if mineralization is strata-bound or has a structural control. Borehole EM can also identify larger sulfide masses at depth.

4. Further trenching may be warranted in order to expand on the newly exposed mineralization at surface. Alternatively, new trenches could be dug along strike either east or west of the current exposure in order to increase strike length at surface.

5. Prospecting along the entire 20 km length of the mag anomaly from the western property boundary to east of the Colonie target in the eastern extremity of the magnetic anomaly, as well as the Lalonde and Huston areas.

14.0 REFERENCES

Agnico-Eagle, 2019: Canadian Malartic. Information from website. URL https://www.agnicoeagle.com/English/operations-and-development-projects/operations/canadian-malartic/default.aspx

Brewster, N 2019: “Renforth’s West Malartic Gold Property Update”. Renforth resources press release dated 22nd July 2019

Germain, L 1938: Report on Work Done with Geologic Information. Brooke Cadillac Gold Mines Ltd. SIGEOM GM 05927

Ghanem, Y 2008: Report on a Heliborne Magnetic and Time-domain Electromagnetic Survey, Heva Project. For Mark Fekete & Globex Mining Enterprises. SIGEOM GM 63615

Lacroix, N 1987: Rapport Geologique, Campagne d’Exploration 1987-88, Propriete Surimau. Mines de Metaux Abitibi Ltee. SIGEOM GM 47635

Lamothe, D; 2011: Potential en mineralisations de sulfures massifs volcanogenes de l’Abitibi – version 2011. Ministère des Ressources naturelles et de la Faune, Québec. SIGEOM EP 2011-01

Marquis, R 2004: Towards a better understanding of the Superior Province. Mining Information Bulletin, Geologie Québec. URL https://www.mern.gouv.qc.ca/english/mines/Québec-mines/2004-10/superior.asp

MB Geosolutions, 2010: Report on a Ground Magnetic and VLF-EM Geophysical Survey, Malartic West Project. For Knick Exploration. SIGEOM GM 65190

MERN (Québec Ministère d’Énergie et Ressources Naturelles) 2018: Mine Marbridge. Metallic Substances deposit listing # 32D/08-0039.

Moreau, A 2014a: Geological Reconnaissance Survey, West Malartic Project. Earthmetrix Technologies Inc. SIGEOM GM 68284

Moreau, A 2014b: Geological and Structural Interpretations, West Malartic Project. Earthmetrix Technologies Inc. SIGEOM GM 68285

Huhma, Hannu; Kontinen, Asko; Kuronen, Urpo; Peltonen, Petri; 2007: New mineral deposit model for the Cu-Co-Zn-Ni-Ag-Au sulphide deposits in Outokumpu, Finland

Ordala Mines Ltd, 1944: Plan showing Geology and Contours of Equal Vertical Magnetic Intensity. SIGEOM GM 07441PLAN

Papunen, Heikki; 1987: Outokumpu-type ores

Peltonen, P; Kontinen, A; Huhma, H; Kuronen, U; 2007: Outokumpu revisited: New mineral deposit model for the mantle peridotite-associated Cu-Co-Zn-Ni-Ag-Au sulphide deposits.

Rafini, S 2014: Typologie des Mineralisations Auriferes Associees a la Faille de Cadillac. Projets 2011-01 et 2012-01. CONSOREM, Universite du Québec a Chicoutimi

Rehm, A G N, 2020; Emplacement history of mafic-ultramafic volcanic rocks in the northern Pontiac subprovince, Quebec, Canada. MSc thesis

Wares, W & Burzynski, J 2011: The Canadian Malartic Mine, Southern Abitibi Belt, Québec, Canada: Discovery and Development of an Archean Bulk-Tonnage Gold Deposit. Osisko Mining Corp

15.0 DATE AND SIGNATURE PAGE

I, Francis R Newton, certify that;

1. I reside at 1518 Jasmine Crescent, Oakville Ontario L6H 3H3 and I am a geologist practitioner for Minroc Management Limited, office address 2857 Sherwood Heights Unit 2, Oakville Ontario L6J 7J9.

2. This certificate applies to the technical report entitled “Report on the 2021 Diamond Drilling Program at The Surimeau Property Abitibi-Témiscamingue, Québec”, dated March 2, 2022.

3. I am a graduate of the Laurentian University, Sudbury, Ontario with a Bachelor of Science in Geology (2014) and I have practiced my profession continuously.

4. I am a member of the Order des Geologues du Quebec (OGQ) Membership Number 2129.

5. I am a member of the Association of Professional Geoscientists of Ontario (APGO), Membership Number 1330.

6. I am a qualified person.

7. I prepared and am responsible for all sections 1.0 to 16.0 of this Technical Report.

8. I am independent of Renforth Resources.

9. As of the date of this certificate, to the best of my knowledge, information and belief, this Technical Report contains all scientific and technical information that is required to be disclosed to make this Technical Report not misleading.

Effective Date: March 2, 2022

Francis R Newton, P. Geo

16.0 APPENDICES

16.1 Photos

Photo 1 – Core logging and Splitting setup on site at Surimeau.

Photo 2 – Drilling SUR-21-08 in March 2021.

Photo 3 – SUR-21-16 casing.

Photo 4 – Well mineralized calc-silicate alteration zone in SUR-21-18.

16.2 Assay Certs

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT ON, ON

ATTENTION TO: Brian Newton,FrancisNewton

PROJECT: SURIMEAN BAIRHL

AGAT WORK ORDER: 20T692059

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Jan 22, 2021

PAGES (INCLUDING COVER): 43

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 20T692059

PROJECT: SURIMEAN BAIRHL

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Brian Newton,FrancisNewton

(200-) Sample Login Weight

DATE SAMPLED: Dec 17, 2020 | DATE RECEIVED: Dec 17, 2020 | DATE REPORTED: Jan 22, 2021 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
B67201 (1856790)	1.0577
B67202 (1856791)	2.0761
B67203 (1856792)	3.1455
B67204 (1856793)	0.5622
B67205 (1856794)	2.2557
B67206 (1856795)	2.4806
B67207 (1856796)	2.5707
B67208 (1856797)	2.0418
B67209 (1856798)	2.1693
B67210 (1856799)	1.6361
B67211 (1856800)	3.1358
B67212 (1856801)	1.4505
B67213 (1856802)	1.3497
B67214 (1856803)	2.3876
B67215 (1856804)	1.4601
B67216 (1856805)	2.5635
B67217 (1856806)	3.9833
B67218 (1856807)	1.8367
B67219 (1856808)	2.0036
B67220 (1856809)	2.1323
B67221 (1856810)	2.0346
B67222 (1856811)	2.7944
B67223 (1856812)	2.7565
B67224 (1856813)	1.9691
B67225 (1856814)	2.3771
B67226 (1856815)	1.6621
B67227 (1856816)	1.3399
B67228 (1856817)	1.8882
B67229 (1856818)	0.8186
B67230 (1856819)	1.6639
B67231 (1856820)	1.0807

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 20T692059

PROJECT: SURIMEAN BAIRHL

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Brian Newton,FrancisNewton

(200-) Sample Login Weight

DATE SAMPLED: Dec 17, 2020 | DATE RECEIVED: Dec 17, 2020 | DATE REPORTED: Jan 22, 2021 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
B67232 (1856821)	0.5847
B67233 (1856822)	1.6803
B67234 (1856823)	1.5175
B67235 (1856824)	2.2476
B67236 (1856825)	1.7834
B67237 (1856826)	2.0916
B67238 (1856827)	1.7055
B67239 (1856828)	1.8401
B67240 (1856829)	1.6648
B67241 (1856830)	1.7176
B67242 (1856831)	2.0406
B67243 (1856832)	1.5481
B67244 (1856833)	2.2499
B67245 (1856834)	1.7293
B67246 (1856835)	2.8843
B67247 (1856836)	1.4381
B67248 (1856837)	4.0871
B67249 (1856838)	1.3142
B67250 (1856839)	2.3998
B67251 (1856840)	2.6221
B67252 (1856841)	1.5934
B67253 (1856842)	2.9038
B67254 (1856843)	2.5861
B67255 (1856844)	1.7392
B67256 (1856845)	2.4524
B67258 (1856846)	2.5554
B67259 (1856847)	2.8535
B67260 (1856848)	2.4732
B67261 (1856849)	3.0189
B67262 (1856850)	1.4583
B67263 (1856851)	1.4251

Certified By: [redacted]

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 20T692059

PROJECT: SURIMEAN BAIRHL

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Brian Newton,FrancisNewton

(200-) Sample Login Weight

DATE SAMPLED: Dec 17, 2020 | DATE RECEIVED: Dec 17, 2020 | DATE REPORTED: Jan 22, 2021 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
B67264 (1856852)	2.8406
B67265 (1856853)	2.6047
B67266 (1856854)	1.7378
B67267 (1856855)	2.0769
B67268 (1856856)	1.5663
B67269 (1856857)	1.7758
B67270 (1856858)	1.8493
B67271 (1856859)	1.9991
B67272 (1856860)	1.1141
B67273 (1856861)	1.4011
B67274 (1856862)	2.9201
B67275 (1856863)	3.4302
B67276 (1856864)	3.3614
B67277 (1856865)	1.9492
B67278 (1856866)	1.7069
B67279 (1856867)	2.4851
B67280 (1856868)	3.7882
B67281 (1856869)	1.8525
B67282 (1856870)	1.8856
B67283 (1856871)	2.1757
B67284 (1856872)	2.8083
B67285 (1856873)	2.6316
B67286 (1856874)	1.8573
B67287 (1856875)	2.3312
B67288 (1856876)	2.4309
B67289 (1856877)	2.2477
B67290 (1856878)	2.4064
B67291 (1856879)	2.6913
B67292 (1856880)	0.8122
B67293 (1856881)	1.9863
B67294 (1856882)	1.7584

Certified By: [redacted]

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 20T692059

PROJECT: SURIMEAN BAIRHL

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Brian Newton,FrancisNewton

(200-) Sample Login Weight

DATE SAMPLED: Dec 17, 2020 | DATE RECEIVED: Dec 17, 2020 | DATE REPORTED: Jan 22, 2021 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
B67295 (1856883)	2.6085
B67296 (1856884)	1.9537
B67297 (1856885)	3.2357
B67298 (1856886)	0.8516
B67299 (1856887)	2.7704
B67300 (1856888)	1.3411
D073351 (1856889)	0.8284
D073352 (1856890)	1.9284
D073353 (1856891)	2.1109
D073354 (1856892)	0.9441
D073355 (1856893)	2.2334
D073356 (1856894)	2.2561
D073357 (1856895)	1.8499
D073358 (1856896)	3.0962
D073359 (1856897)	1.1596
D073360 (1856898)	1.9187
D073361 (1856899)	0.9491
D073362 (1856900)	0.9932
D073363 (1856901)	1.7231
D073364 (1856902)	1.9459
D073365 (1856903)	2.9721
D073366 (1856904)	2.8875
D073367 (1856905)	1.7673

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Certified By: [redacted]

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 20T692059

PROJECT: SURIMEAN BAIRHL

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Brian Newton,FrancisNewton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 17, 2020 | DATE RECEIVED: Dec 17, 2020 | DATE REPORTED: Jan 22, 2021 | SAMPLE TYPE: Rock

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
B67201 (1856790)	1	7.43	8	<20	568	<5	1.6	1.89	23.2	47.8	82.9	0.022	1.1	1830
B67202 (1856791)	1	6.73	27	<20	387	<5	3.3	1.97	22.7	55.8	90.0	0.022	0.9	1180
B67203 (1856792)	1	5.88	68	<20	145	<5	5.0	2.45	15.1	48.3	104	0.023	1.2	1180
B67204 (1856793)	1	5.88	74	<20	187	<5	2.6	2.57	13.7	76.0	113	0.026	3.2	1500
B67205 (1856794)	<1	8.34	59	<20	754	<5	1.6	2.39	3.3	62.5	58.2	0.029	2.7	520
B67206 (1856795)	<1	9.81	17	<20	708	<5	0.4	2.32	0.4	88.7	35.6	0.034	3.6	170
B67207 (1856796)	<1	9.14	6	<20	398	<5	0.7	2.56	1.1	63.4	35.3	0.032	3.2	208
B67208 (1856797)	<1	9.75	6	<20	647	<5	0.4	1.37	0.2	62.6	30.1	0.028	4.3	60
B67209 (1856798)	<1	9.41	<5	<20	481	<5	0.5	1.58	0.5	72.0	33.5	0.028	4.0	134
B67210 (1856799)	<1	8.78	<5	<20	138	<5	1.1	2.39	3.2	73.3	41.5	0.023	2.2	356
B67211 (1856800)	<1	9.28	<5	<20	434	<5	0.8	1.97	2.1	66.8	39.4	0.030	2.9	262
B67212 (1856801)	<1	9.65	<5	<20	506	<5	0.5	2.18	0.6	64.0	60.1	0.031	4.2	485
B67213 (1856802)	<1	8.00	<5	<20	366	<5	1.3	3.93	21.1	42.6	150	0.112	0.6	557
B67214 (1856803)	1	7.17	<5	<20	304	<5	1.9	6.66	12.5	26.0	210	0.266	2.0	1010
B67215 (1856804)	<1	6.46	<5	<20	203	<5	1.1	3.10	0.5	4.4	133	0.443	6.2	211
B67216 (1856805)	<1	2.95	<5	<20	54.8	<5	1.3	4.59	0.6	2.7	108	0.204	1.9	111
B67217 (1856806)	<1	2.59	<5	<20	25.6	<5	1.5	4.98	<0.2	1.4	107	0.193	1.2	77
B67218 (1856807)	<1	2.67	<5	<20	129	<5	1.4	5.14	<0.2	1.2	95.1	0.203	7.0	80
B67219 (1856808)	<1	4.37	<5	<20	371	<5	2.0	4.46	5.0	19.9	101	0.162	5.7	250
B67220 (1856809)	<1	5.40	6	<20	413	<5	1.1	5.32	3.0	36.7	71.7	0.106	2.6	301
B67221 (1856810)	<1	6.32	<5	<20	758	<5	0.7	6.86	0.8	50.3	42.6	0.053	2.0	158
B67222 (1856811)	<1	8.59	<5	<20	1140	<5	0.7	3.84	0.3	72.6	36.1	0.038	3.1	167
B67223 (1856812)	<1	9.56	<5	<20	590	<5	0.5	1.59	<0.2	73.4	29.2	0.031	5.0	60
B67224 (1856813)	<1	9.20	<5	<20	715	<5	0.8	1.37	0.2	68.7	37.9	0.030	4.0	100
B67225 (1856814)	<1	8.97	<5	<20	501	<5	0.3	1.41	<0.2	53.5	25.4	0.032	4.0	50
B67226 (1856815)	<1	8.04	<5	<20	645	<5	0.3	1.80	<0.2	48.8	27.1	0.040	3.1	53
B67227 (1856816)	<1	9.42	<5	<20	732	<5	0.3	1.17	<0.2	63.4	30.9	0.031	2.7	41
B67228 (1856817)	<1	8.88	<5	<20	663	<5	0.2	1.29	<0.2	64.2	25.7	0.029	3.8	46
B67229 (1856818)	<1	6.37	<5	<20	543	<5	0.2	0.71	<0.2	38.9	20.0	0.029	2.5	33
B67230 (1856819)	<1	8.46	<5	<20	595	<5	0.5	1.05	<0.2	59.8	26.2	0.029	6.7	44
B67231 (1856820)	<1	6.83	<5	<20	336	<5	0.3	1.31	<0.2	47.8	24.3	0.029	5.4	52
B67232 (1856821)	<1	8.52	<5	<20	581	<5	0.6	1.90	0.3	60.1	32.1	0.037	6.9	59

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 20T692059

PROJECT: SURIMEAN BAIRHL

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Brian Newton,FrancisNewton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 17, 2020 | DATE RECEIVED: Dec 17, 2020 | DATE REPORTED: Jan 22, 2021 | SAMPLE TYPE: Rock

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
B67233 (1856822)	<1	8.92	<5	<20	733	<5	0.3	1.48	0.4	57.0	29.7	0.032	5.9	46
B67234 (1856823)	<1	8.56	<5	<20	665	<5	0.4	2.29	0.4	56.6	32.2	0.032	5.9	43
B67235 (1856824)	<1	5.76	<5	<20	422	<5	0.1	0.91	<0.2	36.9	17.2	0.026	3.4	34
B67236 (1856825)	<1	8.46	<5	<20	674	<5	0.3	1.25	0.3	58.4	22.8	0.028	5.7	41
B67237 (1856826)	<1	8.99	<5	24	853	<5	0.3	0.96	0.4	58.5	23.2	0.028	6.0	41
B67238 (1856827)	<1	8.90	<5	20	718	<5	0.3	1.09	<0.2	63.9	26.3	0.031	6.1	57
B67239 (1856828)	<1	8.82	<5	<20	724	<5	0.3	1.19	<0.2	62.0	24.4	0.029	6.1	48
B67240 (1856829)	1	7.91	7	<20	335	<5	0.5	2.16	0.4	55.7	39.8	0.028	2.5	1210
B67241 (1856830)	<1	7.86	9	<20	321	<5	0.6	2.20	0.4	53.8	38.4	0.027	2.5	952
B67242 (1856831)	<1	7.60	10	<20	553	<5	1.0	1.87	1.2	49.7	48.4	0.027	2.2	962
B67243 (1856832)	<1	7.93	<5	<20	723	<5	0.7	1.81	0.3	51.4	26.0	0.028	2.0	322
B67244 (1856833)	<1	8.09	7	<20	473	<5	0.6	2.18	0.4	53.5	53.5	0.030	2.5	570
B67245 (1856834)	1	5.93	7	<20	106	<5	3.4	1.99	7.9	58.3	95.7	0.020	1.4	2470
B67246 (1856835)	1	5.44	21	<20	407	<5	4.0	1.47	7.6	48.1	170	0.020	1.0	1170
B67247 (1856836)	2	5.03	20	<20	363	<5	3.8	1.58	4.7	42.0	119	0.017	0.7	2330
B67248 (1856837)	1	6.40	9	<20	198	<5	3.6	2.09	10.1	51.5	110	0.021	1.2	1390
B67249 (1856838)	1	7.78	11	<20	230	<5	1.3	2.01	6.7	48.7	73.0	0.027	2.1	698
B67250 (1856839)	<1	7.45	60	<20	219	<5	2.2	1.79	11.4	49.2	78.4	0.027	2.4	785
B67251 (1856840)	<1	8.20	16	<20	227	<5	0.7	2.04	3.5	51.4	40.5	0.027	2.8	382
B67252 (1856841)	<1	8.00	10	<20	186	<5	0.7	1.77	5.3	52.4	80.3	0.027	3.0	230
B67253 (1856842)	<1	7.89	<5	<20	453	<5	0.3	1.68	0.3	46.7	27.4	0.041	3.7	185
B67254 (1856843)	<1	7.96	<5	<20	349	<5	0.2	1.96	0.3	48.5	26.0	0.032	3.8	70
B67255 (1856844)	<1	7.98	8	<20	667	<5	0.3	1.54	0.3	58.6	30.3	0.026	3.4	58
B67256 (1856845)	<1	7.82	20	<20	492	<5	0.3	0.90	0.5	44.3	26.4	0.026	2.8	98
B67258 (1856846)	<1	7.51	54	<20	560	<5	1.2	1.51	6.4	46.1	72.3	0.032	2.0	700
B67259 (1856847)	<1	7.67	66	<20	402	<5	0.7	1.33	4.2	51.9	40.5	0.027	2.0	274
B67260 (1856848)	<1	6.70	76	<20	367	<5	0.9	1.16	5.5	48.0	53.8	0.028	1.3	400
B67261 (1856849)	<1	7.85	26	<20	316	<5	0.2	1.96	<0.2	53.1	21.4	0.032	2.0	65
B67262 (1856850)	<1	6.64	68	<20	357	<5	1.5	1.76	4.8	57.9	49.2	0.026	1.6	267
B67263 (1856851)	<1	7.04	8	<20	258	<5	0.6	1.86	3.4	48.4	39.1	0.026	1.6	1840
B67264 (1856852)	<1	8.16	7	<20	378	<5	0.5	2.04	1.2	70.0	29.6	0.030	1.9	224
B67265 (1856853)	<1	5.80	<5	<20	463	<5	1.0	6.95	0.7	30.5	178	0.192	1.0	705

Certified By: [redacted]

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 20T692059

PROJECT: SURIMEAN BAIRHL

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Brian Newton,FrancisNewton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 17, 2020 | DATE RECEIVED: Dec 17, 2020 | DATE REPORTED: Jan 22, 2021 | SAMPLE TYPE: Rock

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
B67266 (1856854)	<1	5.04	5	<20	406	<5	1.0	9.60	0.7	16.4	160	0.216	1.3	763
B67267 (1856855)	1	4.22	32	<20	116	<5	2.6	7.21	7.3	18.9	243	0.041	0.5	1670
B67268 (1856856)	<1	7.99	<5	<20	788	<5	0.9	1.88	9.0	59.4	71.6	0.032	2.2	410
B67269 (1856857)	<1	7.69	<5	<20	498	<5	0.7	4.86	3.5	39.9	78.2	0.127	1.3	741
B67270 (1856858)	<1	6.37	<5	<20	671	<5	0.6	6.75	0.6	24.2	95.4	0.289	1.8	516
B67271 (1856859)	<1	7.49	<5	<20	146	<5	1.5	2.72	9.2	56.6	72.8	0.021	<0.1	812
B67272 (1856860)	<1	9.01	<5	<20	705	<5	0.4	3.83	10.8	62.7	44.0	0.023	1.0	269
B67273 (1856861)	<1	4.13	<5	<20	510	<5	0.7	4.48	<0.2	4.9	83.7	0.211	23.2	121
B67274 (1856862)	<1	3.48	<5	<20	69.3	<5	0.9	5.08	<0.2	1.3	115	0.220	3.4	122
B67275 (1856863)	<1	2.66	<5	<20	6.1	<5	0.8	6.81	<0.2	1.2	98.2	0.192	0.2	63
B67276 (1856864)	<1	3.52	<5	<20	6.6	<5	0.7	5.45	<0.2	2.9	93.5	0.232	0.2	60
B67277 (1856865)	<1	3.41	<5	<20	5.3	<5	0.7	5.39	<0.2	2.8	93.2	0.224	0.2	58
B67278 (1856866)	<1	3.09	<5	<20	6.3	<5	0.7	5.93	<0.2	1.4	92.9	0.218	0.2	41
B67279 (1856867)	<1	3.19	<5	<20	32.9	<5	0.7	7.07	<0.2	1.9	105	0.229	1.1	43
B67280 (1856868)	<1	5.83	<5	<20	576	<5	1.1	6.57	<0.2	26.9	128	0.336	4.3	78
B67281 (1856869)	<1	4.92	<5	<20	247	<5	1.1	6.30	<0.2	18.5	136	0.315	4.6	81
B67282 (1856870)	<1	5.04	<5	<20	167	<5	0.9	6.56	<0.2	13.9	104	0.283	7.3	79
B67283 (1856871)	<1	6.15	<5	<20	849	<5	0.8	4.37	0.2	33.1	79.2	0.227	14.3	148
B67284 (1856872)	<1	6.34	<5	<20	1030	<5	0.6	5.63	0.6	54.6	50.1	0.063	7.2	152
B67285 (1856873)	<1	8.69	5	<20	722	<5	0.3	3.12	1.9	94.3	25.9	0.021	1.3	129
B67286 (1856874)	<1	7.26	<5	<20	1080	<5	1.2	5.16	2.9	68.5	51.2	0.058	5.8	160
B67287 (1856875)	<1	7.40	<5	<20	914	<5	1.4	5.05	2.4	58.7	49.5	0.036	3.4	175
B67288 (1856876)	<1	9.30	<5	<20	1280	<5	0.3	2.45	<0.2	70.1	24.3	0.024	2.8	40
B67289 (1856877)	<1	9.21	<5	<20	962	<5	0.6	1.60	<0.2	64.7	26.6	0.025	3.0	47
B67290 (1856878)	<1	9.62	<5	<20	794	<5	0.5	1.31	<0.2	63.6	29.0	0.025	3.8	92
B67291 (1856879)	<1	9.21	<5	<20	615	<5	0.5	1.20	<0.2	66.1	28.6	0.027	4.0	64
B67292 (1856880)	<1	8.27	<5	<20	789	<5	0.3	1.23	<0.2	54.5	26.7	0.028	4.2	63
B67293 (1856881)	<1	3.42	<5	<20	21.1	7	5.3	9.51	0.3	19.4	365	0.821	0.4	783
B67294 (1856882)	<1	4.24	<5	<20	230	7	2.8	6.87	0.3	11.7	200	0.679	13.2	335
B67295 (1856883)	<1	3.03	<5	<20	418	<5	1.4	3.24	<0.2	1.1	95.2	0.207	32.4	10
B67296 (1856884)	<1	3.48	<5	<20	589	<5	0.7	4.65	0.3	2.8	70.7	0.185	37.8	22
B67297 (1856885)	<1	3.37	<5	<20	17.8	<5	0.7	5.19	<0.2	2.3	94.5	0.219	1.0	108

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 20T692059

PROJECT: SURIMEAN BAIRHL

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Brian Newton,FrancisNewton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 17, 2020 | DATE RECEIVED: Dec 17, 2020 | DATE REPORTED: Jan 22, 2021 | SAMPLE TYPE: Rock

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
B67298 (1856886)	<1	6.29	<5	<20	571	<5	0.9	2.63	<0.2	58.8	82.3	0.109	25.5	129
B67299 (1856887)	<1	3.77	<5	<20	29.5	<5	0.6	4.81	<0.2	5.5	91.2	0.224	1.7	84
B67300 (1856888)	<1	5.00	<5	<20	713	<5	0.3	4.79	<0.2	46.3	70.2	0.139	29.5	29
D073351 (1856889)	<1	5.76	<5	<20	1020	<5	0.1	3.33	<0.2	29.5	77.9	0.179	57.0	7
D073352 (1856890)	<1	3.73	<5	<20	250	<5	0.5	6.26	<0.2	3.1	85.4	0.218	20.8	17
D073353 (1856891)	<1	6.23	<5	<20	561	<5	0.9	3.94	0.4	8.8	164	0.398	31.9	549
D073354 (1856892)	<1	7.62	<5	<20	428	<5	0.4	2.67	<0.2	20.9	176	0.334	15.1	259
D073355 (1856893)	<1	6.37	<5	<20	338	<5	1.2	6.89	<0.2	3.9	190	0.471	5.0	78
D073356 (1856894)	<1	9.22	<5	<20	761	<5	0.8	1.76	<0.2	74.6	33.8	0.032	8.9	54
D073357 (1856895)	<1	9.64	<5	<20	897	<5	0.4	1.10	<0.2	65.2	30.3	0.027	5.8	64
D073358 (1856896)	<1	8.86	<5	<20	821	<5	0.7	1.50	<0.2	69.0	27.0	0.025	5.9	57
D073359 (1856897)	<1	9.09	<5	<20	749	<5	0.6	0.98	0.3	77.1	35.9	0.028	5.8	76
D073360 (1856898)	<1	9.53	<5	<20	1080	<5	0.7	1.03	0.3	63.7	38.4	0.025	4.8	191
D073361 (1856899)	<1	8.21	<5	<20	700	<5	0.2	1.85	<0.2	63.7	27.2	0.025	4.9	63
D073362 (1856900)	<1	6.33	<5	<20	783	<5	0.7	6.11	0.8	69.2	51.4	0.092	5.1	18
D073363 (1856901)	<1	8.84	<5	<20	820	<5	0.3	1.62	0.2	58.2	29.4	0.028	6.8	56
D073364 (1856902)	<1	2.93	<5	<20	40.4	<5	1.0	3.35	<0.2	1.7	96.1	0.207	3.0	20
D073365 (1856903)	<1	2.46	<5	<20	7.0	<5	1.0	5.97	<0.2	3.0	88.7	0.179	0.2	21
D073366 (1856904)	<1	3.29	<5	<20	7.6	<5	1.0	5.17	<0.2	1.8	92.8	0.205	0.4	59
D073367 (1856905)	<1	4.45	<5	<20	794	<5	0.6	3.64	<0.2	33.8	81.6	0.190	44.5	75

Certified By: [redacted]

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 20T692059

PROJECT: SURIMEAN BAIRHL

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Brian Newton,FrancisNewton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 17, 2020 | DATE RECEIVED: Dec 17, 2020 | DATE REPORTED: Jan 22, 2021 | SAMPLE TYPE: Rock

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
B67201 (1856790)	2.99	1.76	1.56	7.21	31.2	3.94	3	4	0.59	5.0	1.37	23.1	28	0.27
B67202 (1856791)	3.68	2.10	1.88	5.24	29.7	4.57	3	4	0.70	4.8	0.97	26.0	21	0.33
B67203 (1856792)	3.07	1.70	1.75	8.68	25.6	3.89	3	3	0.60	3.0	0.73	22.3	27	0.32
B67204 (1856793)	4.22	2.50	2.01	9.57	25.7	6.07	4	3	0.86	1.9	1.36	37.3	69	0.39
B67205 (1856794)	2.77	1.59	1.68	5.57	27.8	4.40	3	3	0.54	0.5	2.16	30.2	58	0.24
B67206 (1856795)	3.47	1.86	1.54	4.83	24.9	5.60	4	3	0.68	<0.2	2.87	45.0	73	0.28
B67207 (1856796)	3.25	1.76	1.44	5.05	22.9	4.84	3	3	0.62	<0.2	2.10	29.7	55	0.27
B67208 (1856797)	3.26	1.81	1.13	4.39	25.3	4.49	3	3	0.63	<0.2	3.74	29.6	79	0.24
B67209 (1856798)	3.21	1.67	1.33	4.20	26.0	5.06	3	3	0.63	<0.2	3.10	34.5	69	0.25
B67210 (1856799)	3.51	1.95	1.45	6.05	21.3	5.04	3	4	0.70	0.4	1.23	36.0	32	0.33
B67211 (1856800)	3.08	1.79	1.34	5.47	24.3	4.56	3	4	0.65	0.3	2.02	32.4	46	0.25
B67212 (1856801)	3.08	1.57	1.33	5.81	25.7	4.42	3	3	0.59	<0.2	1.98	31.0	56	0.24
B67213 (1856802)	3.09	1.85	1.49	8.35	25.3	4.02	2	3	0.63	3.6	0.27	20.0	13	0.31
B67214 (1856803)	4.18	2.65	1.70	12.2	19.2	3.65	3	2	0.90	2.0	0.39	11.4	11	0.41
B67215 (1856804)	2.95	1.85	0.45	8.37	14.6	2.00	3	1	0.57	<0.2	0.89	2.1	27	0.27
B67216 (1856805)	1.10	0.74	0.14	6.77	7.96	0.97	5	<1	0.27	<0.2	0.22	1.1	<10	0.12
B67217 (1856806)	1.00	0.56	0.10	6.59	6.80	0.69	5	<1	0.21	<0.2	0.12	0.5	<10	0.08
B67218 (1856807)	1.27	0.80	0.10	6.69	7.21	0.91	5	<1	0.24	<0.2	0.82	0.4	23	0.11
B67219 (1856808)	2.27	1.22	0.66	7.53	10.4	2.49	4	2	0.47	0.9	0.92	9.1	27	0.19
B67220 (1856809)	2.45	1.25	0.91	6.61	12.2	3.29	3	2	0.44	0.6	0.59	17.1	12	0.20
B67221 (1856810)	3.48	1.90	1.29	7.39	15.4	4.65	2	2	0.64	<0.2	0.91	23.8	18	0.28
B67222 (1856811)	3.62	1.90	1.50	5.56	21.8	5.81	1	3	0.72	<0.2	1.87	34.5	25	0.30
B67223 (1856812)	3.64	1.96	1.46	5.48	24.8	5.46	2	4	0.75	<0.2	2.51	35.1	65	0.28
B67224 (1856813)	3.07	1.69	1.35	5.09	21.7	5.20	2	4	0.59	<0.2	2.79	34.2	52	0.28
B67225 (1856814)	2.51	1.27	0.99	4.65	20.6	3.87	1	3	0.50	<0.2	2.11	26.1	53	0.21
B67226 (1856815)	2.24	1.20	0.84	4.53	19.6	3.50	1	3	0.43	<0.2	1.88	23.5	41	0.19
B67227 (1856816)	3.05	1.55	1.13	5.45	25.9	4.49	2	3	0.60	<0.2	2.81	29.1	77	0.23
B67228 (1856817)	2.64	1.51	1.22	4.68	22.2	4.70	2	4	0.55	<0.2	2.49	31.1	53	0.22
B67229 (1856818)	1.89	0.96	0.71	3.64	16.9	2.74	1	2	0.35	<0.2	1.51	18.8	36	0.16
B67230 (1856819)	2.91	1.67	1.16	4.42	21.9	4.50	1	3	0.56	<0.2	2.39	28.5	38	0.24
B67231 (1856820)	2.46	1.48	0.92	3.88	17.5	3.35	2	3	0.47	<0.2	1.81	24.1	32	0.21
B67232 (1856821)	2.88	1.66	1.22	5.38	22.7	4.26	2	3	0.58	<0.2	2.29	29.3	41	0.23

Certified By: [redacted]

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 20T692059

PROJECT: SURIMEAN BAIRHL

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Brian Newton,FrancisNewton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 17, 2020 | DATE RECEIVED: Dec 17, 2020 | DATE REPORTED: Jan 22, 2021 | SAMPLE TYPE: Rock

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
B67233 (1856822)	2.94	1.49	1.08	4.95	22.8	4.22	1	3	0.56	<0.2	2.30	27.3	37	0.21
B67234 (1856823)	2.91	1.62	1.24	5.39	22.2	4.32	2	3	0.60	<0.2	2.32	27.5	38	0.24
B67235 (1856824)	1.61	0.88	0.68	2.89	15.3	2.67	1	2	0.32	<0.2	1.36	17.4	23	0.14
B67236 (1856825)	2.87	1.67	1.06	4.34	20.2	4.31	1	4	0.53	<0.2	2.06	28.6	38	0.26
B67237 (1856826)	3.05	1.64	1.17	4.55	20.9	4.04	1	4	0.61	<0.2	2.68	28.8	41	0.24
B67238 (1856827)	2.60	1.41	1.11	4.72	21.4	4.35	1	4	0.49	<0.2	2.64	31.1	38	0.23
B67239 (1856828)	2.84	1.62	1.18	4.45	21.7	4.11	1	4	0.60	<0.2	2.61	30.1	45	0.23
B67240 (1856829)	2.45	1.45	1.10	5.15	21.1	3.94	3	3	0.50	<0.2	1.34	26.8	47	0.20
B67241 (1856830)	2.30	1.36	1.10	5.05	20.9	3.79	3	4	0.46	<0.2	1.26	26.3	45	0.19
B67242 (1856831)	2.43	1.37	1.05	8.16	18.9	3.47	2	3	0.49	<0.2	1.82	24.0	43	0.20
B67243 (1856832)	2.42	1.36	1.04	3.26	21.0	3.69	2	3	0.46	<0.2	2.49	24.6	45	0.19
B67244 (1856833)	2.74	1.49	1.30	4.67	22.6	3.97	2	3	0.53	<0.2	1.73	26.2	50	0.23
B67245 (1856834)	2.95	1.75	1.32	11.5	17.8	3.80	2	3	0.60	1.2	0.75	27.9	32	0.26
B67246 (1856835)	2.44	1.44	1.06	17.8	15.9	3.38	2	3	0.50	1.0	1.53	23.5	26	0.22
B67247 (1856836)	2.18	1.31	0.93	21.6	13.4	2.81	1	2	0.42	0.7	1.14	19.9	22	0.20
B67248 (1856837)	2.68	1.58	1.23	8.96	20.0	3.76	2	3	0.58	1.8	0.89	24.7	26	0.28
B67249 (1856838)	2.44	1.39	1.35	5.47	21.6	3.88	2	3	0.48	1.3	1.38	23.2	43	0.20
B67250 (1856839)	2.77	1.54	1.33	5.84	24.8	3.69	3	3	0.53	2.1	1.30	23.7	42	0.25
B67251 (1856840)	2.63	1.43	1.38	4.78	25.5	3.96	5	3	0.51	0.9	1.34	24.7	46	0.20
B67252 (1856841)	2.50	1.48	1.33	4.45	23.3	3.91	5	3	0.52	1.3	1.41	25.5	40	0.24
B67253 (1856842)	2.51	1.48	0.98	4.29	20.2	3.59	4	3	0.50	<0.2	2.00	22.8	52	0.20
B67254 (1856843)	2.34	1.43	1.06	4.60	19.0	3.66	3	3	0.51	<0.2	1.94	22.8	58	0.21
B67255 (1856844)	3.12	1.66	1.55	4.79	19.2	5.19	3	4	0.58	<0.2	2.43	26.7	55	0.24
B67256 (1856845)	2.38	1.31	1.19	3.49	22.5	3.62	2	3	0.47	<0.2	2.48	20.9	41	0.20
B67258 (1856846)	2.61	1.43	1.31	6.74	24.1	3.41	3	3	0.51	1.2	1.97	21.9	46	0.24
B67259 (1856847)	2.72	1.44	1.26	5.01	22.0	3.71	2	3	0.53	0.6	1.99	24.8	38	0.24
B67260 (1856848)	2.28	1.36	1.23	5.67	18.3	3.45	2	3	0.48	0.9	1.87	23.3	28	0.21
B67261 (1856849)	2.36	1.25	0.94	3.52	18.3	3.51	2	4	0.47	<0.2	1.53	26.1	43	0.20
B67262 (1856850)	2.84	1.58	1.28	7.26	17.6	3.95	2	4	0.50	0.6	1.29	28.0	28	0.26
B67263 (1856851)	2.47	1.48	1.29	8.77	19.1	3.55	2	3	0.50	0.5	1.28	21.4	30	0.23
B67264 (1856852)	2.62	1.61	1.19	3.98	20.0	4.50	2	3	0.56	<0.2	1.77	35.7	34	0.20
B67265 (1856853)	2.79	1.82	1.05	14.7	15.2	3.22	2	2	0.66	<0.2	0.85	14.7	15	0.31

Certified By: [redacted]

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 20T692059

PROJECT: SURIMEAN BAIRHL

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Brian Newton,FrancisNewton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 17, 2020 | DATE RECEIVED: Dec 17, 2020 | DATE REPORTED: Jan 22, 2021 | SAMPLE TYPE: Rock

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
B67266 (1856854)	2.43	1.49	0.86	13.1	12.8	2.46	3	1	0.50	<0.2	1.33	8.0	21	0.22
B67267 (1856855)	2.36	1.63	0.92	15.8	12.8	2.28	2	2	0.56	0.9	0.52	8.3	<10	0.25
B67268 (1856856)	2.86	1.78	1.16	5.84	26.1	4.22	2	3	0.58	1.6	3.28	29.2	30	0.25
B67269 (1856857)	2.99	1.73	1.14	6.59	19.1	3.58	2	2	0.64	0.5	1.02	18.8	18	0.29
B67270 (1856858)	2.82	1.92	0.90	8.95	18.6	3.00	1	2	0.57	<0.2	0.93	11.1	45	0.30
B67271 (1856859)	2.96	1.69	1.50	5.78	20.6	3.97	<1	3	0.60	1.2	0.19	27.3	<10	0.28
B67272 (1856860)	3.95	2.18	2.04	5.25	19.9	5.74	1	4	0.80	1.0	0.47	29.3	13	0.36
B67273 (1856861)	1.50	1.05	0.37	7.32	15.4	1.34	4	<1	0.33	<0.2	2.74	2.2	68	0.17
B67274 (1856862)	1.18	0.67	0.17	7.43	13.8	0.82	5	<1	0.25	<0.2	0.37	0.4	13	0.12
B67275 (1856863)	0.97	0.64	0.11	6.73	8.21	0.74	6	<1	0.20	<0.2	<0.05	0.4	<10	0.09
B67276 (1856864)	1.23	0.95	0.10	7.65	8.69	1.18	5	<1	0.32	<0.2	<0.05	1.1	<10	0.14
B67277 (1856865)	1.40	0.83	0.11	7.51	8.20	1.10	4	<1	0.29	<0.2	<0.05	1.1	<10	0.14
B67278 (1856866)	1.11	0.73	0.09	6.70	7.44	0.80	4	<1	0.22	<0.2	<0.05	0.5	<10	0.10
B67279 (1856867)	1.40	0.95	0.26	7.60	6.91	1.04	3	<1	0.32	<0.2	0.17	0.8	12	0.14
B67280 (1856868)	3.15	1.77	1.03	8.70	18.3	3.53	1	1	0.61	<0.2	0.73	12.4	23	0.26
B67281 (1856869)	2.37	1.59	0.73	6.91	14.3	2.60	2	1	0.49	<0.2	0.64	9.0	17	0.23
B67282 (1856870)	2.45	1.54	0.69	6.60	14.7	2.54	2	1	0.52	<0.2	0.87	6.2	23	0.24
B67283 (1856871)	2.72	1.63	0.97	7.88	20.4	3.61	1	2	0.56	<0.2	2.21	15.5	59	0.23
B67284 (1856872)	3.46	1.90	1.47	7.12	17.0	4.68	2	2	0.66	<0.2	1.61	25.8	42	0.29
B67285 (1856873)	2.54	1.04	1.87	3.71	24.4	5.71	<1	5	0.42	0.3	0.49	44.3	11	0.13
B67286 (1856874)	3.48	1.73	1.69	6.79	19.5	5.84	2	3	0.63	0.4	1.58	32.2	34	0.26
B67287 (1856875)	3.49	1.95	1.57	7.01	18.8	5.09	2	3	0.73	0.4	1.70	27.7	21	0.32
B67288 (1856876)	3.13	1.63	1.35	4.14	25.3	5.31	1	4	0.54	<0.2	3.00	33.6	30	0.21
B67289 (1856877)	2.96	1.62	1.21	4.58	25.1	4.84	1	3	0.59	<0.2	2.84	31.2	43	0.25
B67290 (1856878)	2.67	1.48	1.25	5.34	24.9	4.48	2	3	0.55	<0.2	2.68	30.1	45	0.23
B67291 (1856879)	3.55	1.81	1.36	5.01	24.0	4.91	2	4	0.67	<0.2	2.64	32.0	40	0.29
B67292 (1856880)	2.57	1.41	0.84	4.36	25.0	4.08	2	3	0.48	<0.2	2.67	26.2	43	0.20
B67293 (1856881)	5.69	3.91	1.84	14.2	12.7	5.51	4	2	1.24	<0.2	0.13	7.1	20	0.61
B67294 (1856882)	5.46	3.40	1.34	11.0	14.2	4.74	3	1	1.07	<0.2	1.02	4.0	64	0.52
B67295 (1856883)	1.00	0.64	0.10	6.82	8.40	0.67	3	<1	0.21	<0.2	2.22	0.4	105	0.08
B67296 (1856884)	1.30	0.84	0.26	6.57	10.1	1.12	2	<1	0.25	<0.2	2.95	0.9	163	0.14
B67297 (1856885)	1.09	0.78	0.23	7.17	8.31	0.97	2	<1	0.25	<0.2	0.06	0.9	<10	0.11

Certified By: [redacted]

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 20T692059

PROJECT: SURIMEAN BAIRHL

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Brian Newton,FrancisNewton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 17, 2020 | DATE RECEIVED: Dec 17, 2020 | DATE REPORTED: Jan 22, 2021 | SAMPLE TYPE: Rock

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
B67298 (1856886)	2.70	1.60	0.28	9.73	13.2	4.69	1	3	0.62	<0.2	2.04	29.2	99	0.24
B67299 (1856887)	1.56	1.03	0.30	7.49	8.22	1.54	1	<1	0.34	<0.2	0.10	2.6	<10	0.15
B67300 (1856888)	2.95	1.68	1.04	7.57	12.2	4.50	1	2	0.54	<0.2	2.45	20.7	138	0.23
D073351 (1856889)	2.39	1.51	0.48	8.62	13.0	3.00	2	2	0.50	<0.2	4.81	13.6	258	0.20
D073352 (1856890)	2.33	1.72	1.07	7.80	8.71	2.18	2	<1	0.52	<0.2	2.00	1.3	111	0.29
D073353 (1856891)	2.93	1.85	0.86	10.7	13.8	2.59	1	1	0.60	<0.2	2.85	4.1	188	0.31
D073354 (1856892)	2.63	1.52	0.69	8.85	16.0	2.58	1	2	0.56	<0.2	1.67	10.4	123	0.25
D073355 (1856893)	2.80	2.03	0.54	8.87	12.9	2.25	2	1	0.62	<0.2	0.65	1.6	60	0.31
D073356 (1856894)	3.68	1.87	1.29	5.94	24.8	5.84	2	4	0.72	<0.2	3.33	35.9	68	0.28
D073357 (1856895)	3.25	1.85	1.26	5.32	26.2	4.85	2	4	0.62	<0.2	3.48	31.1	54	0.29
D073358 (1856896)	3.02	1.53	1.38	4.92	24.6	4.82	2	4	0.54	<0.2	2.73	33.4	60	0.22
D073359 (1856897)	3.31	1.94	1.36	5.86	28.6	5.73	2	4	0.58	<0.2	2.86	36.5	90	0.26
D073360 (1856898)	3.31	1.86	1.43	5.23	28.8	4.79	2	4	0.63	<0.2	3.13	30.5	61	0.29
D073361 (1856899)	2.91	1.56	1.30	4.58	22.0	4.70	1	4	0.56	<0.2	1.96	31.0	37	0.23
D073362 (1856900)	3.71	2.12	1.80	8.04	24.4	6.23	3	3	0.71	<0.2	1.54	31.4	34	0.30
D073363 (1856901)	2.85	1.60	1.14	4.96	23.8	3.94	2	4	0.55	<0.2	2.45	28.1	52	0.23
D073364 (1856902)	0.88	0.65	0.05	7.01	7.66	0.83	2	<1	0.19	<0.2	0.17	0.7	12	0.10
D073365 (1856903)	1.22	0.66	0.12	6.21	6.48	1.08	2	<1	0.27	<0.2	<0.05	1.6	<10	0.11
D073366 (1856904)	1.13	0.61	0.23	7.04	8.85	0.82	2	<1	0.24	<0.2	<0.05	0.7	<10	0.12
D073367 (1856905)	1.65	0.96	0.36	7.35	13.6	2.28	2	2	0.34	<0.2	3.57	16.8	197	0.14

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 20T692059

PROJECT: SURIMEAN BAIRHL

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Brian Newton,FrancisNewton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 17, 2020 | DATE RECEIVED: Dec 17, 2020 | DATE REPORTED: Jan 22, 2021 | SAMPLE TYPE: Rock

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
B67201 (1856790)	0.69	568	22	5	22.0	313	0.06	79	5.72	44.3	5.66	<0.1	15	28.6
B67202 (1856791)	0.57	525	10	6	25.4	256	0.06	144	6.66	34.7	5.00	0.2	15	25.3
B67203 (1856792)	1.07	618	12	5	22.0	318	0.06	242	5.70	34.9	7.05	0.4	17	24.2
B67204 (1856793)	2.55	849	7	5	36.0	275	0.11	96	8.94	83.1	8.14	0.3	27	23.5
B67205 (1856794)	1.37	415	4	6	28.3	192	0.06	64	7.28	93.5	5.23	0.3	21	26.9
B67206 (1856795)	2.07	517	2	7	40.8	163	0.08	20	10.5	118	3.57	<0.1	25	29.1
B67207 (1856796)	1.86	541	5	7	28.9	162	0.08	43	7.57	95.4	3.19	<0.1	22	28.6
B67208 (1856797)	2.19	509	<2	7	29.5	147	0.06	22	7.49	146	2.63	<0.1	23	28.7
B67209 (1856798)	1.93	487	4	7	33.8	137	0.06	30	8.54	131	2.51	<0.1	21	28.9
B67210 (1856799)	1.20	445	5	7	33.8	209	0.06	47	8.59	61.9	4.02	<0.1	20	26.0
B67211 (1856800)	1.57	485	3	7	30.7	237	0.06	37	7.93	86.3	3.56	<0.1	24	27.2
B67212 (1856801)	2.09	620	14	7	30.3	397	0.06	30	7.61	89.5	3.04	<0.1	22	27.7
B67213 (1856802)	0.99	876	132	7	21.3	1090	0.05	46	5.24	7.2	5.33	<0.1	24	26.6
B67214 (1856803)	1.92	1740	87	7	14.9	1670	0.24	35	3.37	14.4	6.59	<0.1	36	22.6
B67215 (1856804)	12.9	1540	4	1	3.5	1490	0.02	15	0.65	40.9	2.92	<0.1	45	19.8
B67216 (1856805)	13.9	1490	4	<1	2.0	1490	<0.01	5	0.39	10.8	1.99	<0.1	20	23.2
B67217 (1856806)	14.7	1460	<2	<1	1.4	1570	0.02	<5	0.23	6.7	1.92	<0.1	18	23.9
B67218 (1856807)	14.9	1480	<2	<1	1.3	1560	0.01	12	0.21	41.3	1.94	<0.1	19	24.3
B67219 (1856808)	11.4	1260	17	2	10.5	1270	0.06	27	2.52	41.4	2.84	<0.1	22	24.0
B67220 (1856809)	8.04	1210	10	3	18.2	765	0.08	28	4.52	30.4	2.16	<0.1	24	26.0
B67221 (1856810)	5.09	1450	9	3	26.0	106	0.13	29	6.18	44.8	1.45	<0.1	35	25.8
B67222 (1856811)	3.11	872	8	6	35.9	136	0.12	31	8.77	89.6	2.14	<0.1	26	27.0
B67223 (1856812)	2.63	697	8	7	34.8	118	0.17	22	8.82	116	0.65	<0.1	23	27.0
B67224 (1856813)	2.25	553	2	7	32.4	126	0.09	27	8.03	117	0.93	<0.1	21	27.8
B67225 (1856814)	2.03	574	<2	6	24.4	108	0.07	16	6.34	87.2	0.24	<0.1	18	30.8
B67226 (1856815)	2.45	590	<2	5	23.4	142	0.08	18	5.88	88.3	0.36	<0.1	19	30.0
B67227 (1856816)	2.52	585	<2	7	31.0	124	0.07	14	7.63	126	0.23	<0.1	22	28.1
B67228 (1856817)	1.90	580	<2	6	30.6	99	0.09	13	7.61	105	0.33	<0.1	17	30.9
B67229 (1856818)	1.51	404	3	5	18.4	82	0.03	10	4.67	62.0	0.17	<0.1	14	33.6
B67230 (1856819)	1.97	490	<2	7	28.2	94	0.06	10	7.03	103	0.22	<0.1	17	30.1
B67231 (1856820)	1.67	430	<2	5	22.3	77	0.06	8	5.56	75.4	0.29	<0.1	15	32.8
B67232 (1856821)	2.55	531	4	6	28.7	90	0.10	11	7.05	96.4	0.40	<0.1	22	29.9

Certified By: [redacted]

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 20T692059

PROJECT: SURIMEAN BAIRHL

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Brian Newton,FrancisNewton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 17, 2020 | DATE RECEIVED: Dec 17, 2020 | DATE REPORTED: Jan 22, 2021 | SAMPLE TYPE: Rock

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
B67233 (1856822)	2.19	623	3	6	26.8	98	0.06	11	6.76	93.9	0.21	<0.1	20	30.1
B67234 (1856823)	2.57	793	<2	6	27.5	93	0.08	17	6.75	107	0.20	<0.1	23	28.7
B67235 (1856824)	1.18	325	<2	4	17.6	68	0.05	11	4.36	59.1	0.11	<0.1	10	37.0
B67236 (1856825)	1.81	549	4	6	25.6	90	0.05	10	6.71	79.5	0.19	<0.1	16	30.7
B67237 (1856826)	1.87	523	<2	6	26.7	103	0.06	12	6.85	98.3	0.16	<0.1	17	31.0
B67238 (1856827)	1.95	539	2	6	29.0	107	0.07	18	7.38	103	0.27	<0.1	19	30.0
B67239 (1856828)	1.87	524	<2	7	29.3	98	0.07	28	7.33	101	0.23	<0.1	17	30.8
B67240 (1856829)	1.27	801	<2	6	26.4	309	0.05	32	6.54	62.3	3.44	<0.1	13	30.4
B67241 (1856830)	1.24	797	<2	6	25.5	307	0.07	28	6.41	61.5	3.44	<0.1	13	30.7
B67242 (1856831)	1.07	751	2	6	22.8	478	0.05	38	5.91	69.7	5.20	<0.1	13	28.3
B67243 (1856832)	1.03	363	<2	6	24.5	123	0.06	38	6.13	78.2	1.95	<0.1	13	32.9
B67244 (1856833)	1.22	513	<2	7	25.4	207	0.06	27	6.42	79.9	3.01	<0.1	16	29.1
B67245 (1856834)	0.83	975	8	7	26.1	746	0.04	51	6.67	42.2	7.52	0.2	13	24.6
B67246 (1856835)	0.62	942	7	6	22.2	1100	0.04	84	5.69	53.9	12.0	<0.1	11	19.9
B67247 (1856836)	0.56	927	5	5	19.1	1370	0.04	94	4.81	40.2	14.5	<0.1	10	19.0
B67248 (1856837)	0.71	809	7	6	23.9	466	0.04	97	5.97	48.4	6.12	<0.1	14	25.2
B67249 (1856838)	1.12	634	5	6	24.1	261	0.06	50	5.86	64.7	3.68	<0.1	15	29.6
B67250 (1856839)	1.31	799	4	6	23.7	219	0.06	106	5.96	67.7	5.31	0.1	15	26.4
B67251 (1856840)	1.49	639	2	6	24.9	176	0.05	46	6.08	70.8	3.64	<0.1	15	29.8
B67252 (1856841)	1.48	723	4	6	25.9	121	0.06	38	6.26	71.3	3.76	<0.1	14	29.7
B67253 (1856842)	2.74	604	<2	5	21.7	174	0.08	19	5.56	84.6	3.78	<0.1	20	29.7
B67254 (1856843)	2.41	676	<2	5	23.3	116	0.08	14	5.74	82.6	2.86	<0.1	16	30.1
B67255 (1856844)	2.29	675	<2	6	31.4	89	0.11	20	7.38	104	3.31	<0.1	17	29.5
B67256 (1856845)	1.20	333	3	6	21.7	91	0.05	15	5.44	99.8	2.98	0.2	13	30.1
B67258 (1856846)	1.82	522	5	6	24.3	183	0.06	1770	5.64	97.3	6.11	0.3	17	26.8
B67259 (1856847)	1.19	354	5	7	24.7	119	0.05	79	6.14	85.5	4.49	0.3	13	28.5
B67260 (1856848)	1.02	389	7	5	22.1	165	0.05	76	5.70	84.7	4.87	0.3	13	27.1
B67261 (1856849)	1.48	460	<2	5	23.9	82	0.06	42	6.17	64.5	3.28	0.1	13	32.0
B67262 (1856850)	0.91	311	7	6	25.5	147	0.04	53	6.60	61.9	7.01	0.3	14	25.4
B67263 (1856851)	1.08	407	16	6	23.6	303	0.05	43	5.84	65.8	5.65	<0.1	15	27.1
B67264 (1856852)	1.10	429	3	6	31.8	164	0.06	29	8.06	69.4	2.69	<0.1	16	30.7
B67265 (1856853)	1.25	2200	27	4	15.6	1440	0.13	27	3.65	31.2	9.27	<0.1	26	19.8

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 20T692059

PROJECT: SURIMEAN BAIRHL

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Brian Newton,FrancisNewton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 17, 2020 | DATE RECEIVED: Dec 17, 2020 | DATE REPORTED: Jan 22, 2021 | SAMPLE TYPE: Rock

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
B67266 (1856854)	1.63	3410	9	2	9.8	1610	0.06	40	2.13	47.0	8.20	<0.1	30	20.0
B67267 (1856855)	0.29	1880	6	3	10.9	2850	0.03	52	2.46	17.1	10.6	<0.1	13	21.8
B67268 (1856856)	1.07	555	6	6	27.8	308	0.06	81	7.08	115	3.79	<0.1	20	26.0
B67269 (1856857)	1.60	1350	79	6	20.0	803	0.06	30	4.78	41.2	3.74	<0.1	25	26.8
B67270 (1856858)	3.95	2280	101	3	13.6	1120	0.05	19	2.99	39.7	4.16	<0.1	34	25.5
B67271 (1856859)	0.78	497	40	7	26.6	360	0.06	69	6.60	4.1	3.63	<0.1	15	29.2
B67272 (1856860)	1.86	711	7	8	32.4	192	0.08	48	7.73	23.8	2.68	<0.1	25	27.5
B67273 (1856861)	12.2	1630	23	1	3.4	1040	0.03	17	0.71	142	1.15	<0.1	30	22.4
B67274 (1856862)	14.0	1370	<2	<1	1.5	1340	<0.01	5	0.23	22.0	1.76	<0.1	22	21.8
B67275 (1856863)	15.1	1270	<2	<1	1.4	1380	<0.01	<5	0.21	0.8	1.39	<0.1	19	25.9
B67276 (1856864)	14.9	1060	<2	<1	2.5	1120	<0.01	<5	0.46	0.8	1.85	0.4	24	22.7
B67277 (1856865)	14.6	1040	<2	<1	2.4	1110	0.01	<5	0.44	1.0	1.70	<0.1	24	22.8
B67278 (1856866)	14.2	1200	<2	<1	1.3	1380	<0.01	<5	0.24	0.9	1.37	<0.1	21	22.7
B67279 (1856867)	12.9	2050	<2	<1	1.7	1450	0.02	<5	0.30	7.0	1.58	0.1	25	23.4
B67280 (1856868)	4.80	2880	<2	2	16.0	1570	0.09	19	3.41	47.7	1.67	<0.1	38	23.9
B67281 (1856869)	2.81	2400	<2	1	11.2	1970	0.05	19	2.45	39.2	1.48	<0.1	32	27.6
B67282 (1856870)	3.27	2750	<2	2	8.8	1440	0.04	21	1.89	55.0	1.36	0.1	34	25.4
B67283 (1856871)	5.75	1880	<2	3	18.4	1080	0.08	19	4.20	136	2.35	<0.1	31	24.4
B67284 (1856872)	5.42	1280	18	5	29.2	211	0.13	22	6.72	85.6	1.53	<0.1	31	24.6
B67285 (1856873)	1.78	507	39	7	47.2	78	0.11	33	11.5	19.9	1.21	<0.1	11	28.0
B67286 (1856874)	4.85	1060	7	5	36.4	188	0.15	30	8.66	77.6	1.42	<0.1	25	26.4
B67287 (1856875)	3.43	1040	6	5	30.4	129	0.12	40	7.26	77.6	2.48	<0.1	29	25.6
B67288 (1856876)	1.50	490	<2	7	34.5	107	0.07	20	8.48	118	2.24	<0.1	18	28.8
B67289 (1856877)	1.86	557	2	7	31.5	124	0.06	17	7.76	121	2.47	<0.1	21	27.4
B67290 (1856878)	2.22	618	7	6	30.0	129	0.06	23	7.49	111	2.32	<0.1	22	28.0
B67291 (1856879)	2.23	578	32	7	30.8	116	0.07	27	7.84	121	2.48	<0.1	21	25.9
B67292 (1856880)	1.87	497	25	6	27.3	103	0.06	17	6.59	119	1.79	<0.1	22	32.2
B67293 (1856881)	7.68	2090	3	2	15.7	4830	1.29	6	2.99	1.9	4.24	0.2	79	19.8
B67294 (1856882)	9.20	1990	<2	2	10.7	2610	0.23	13	1.93	48.9	2.08	0.2	67	21.1
B67295 (1856883)	13.3	1370	<2	<1	1.1	1310	0.01	<5	0.20	118	0.14	0.2	20	23.9
B67296 (1856884)	12.8	1070	<2	<1	2.7	840	<0.01	8	0.50	148	0.21	0.3	22	24.3
B67297 (1856885)	14.2	1280	<2	<1	1.9	1310	0.01	<5	0.35	3.8	0.82	0.2	22	21.5

Certified By: [redacted]

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 20T692059

PROJECT: SURIMEAN BAIRHL

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Brian Newton,FrancisNewton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 17, 2020 | DATE RECEIVED: Dec 17, 2020 | DATE REPORTED: Jan 22, 2021 | SAMPLE TYPE: Rock

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
B67298 (1856886)	13.3	976	<2	3	29.9	517	0.16	9	7.21	106	1.12	0.3	38	16.6
B67299 (1856887)	13.4	1290	<2	<1	3.9	1150	0.01	<5	0.77	6.1	0.65	0.2	22	19.9
B67300 (1856888)	10.5	1070	<2	3	25.9	641	0.13	9	5.99	124	0.15	0.2	26	22.3
D073351 (1856889)	11.4	1470	<2	2	16.1	686	0.05	7	3.70	240	0.09	0.2	31	20.7
D073352 (1856890)	10.8	2320	<2	<1	3.5	966	<0.01	6	0.56	94.1	0.15	0.1	24	24.2
D073353 (1856891)	8.24	1960	5	1	5.9	1810	0.03	11	1.21	143	1.02	0.1	40	22.0
D073354 (1856892)	4.40	1730	5	2	10.8	1930	0.03	7	2.51	80.4	0.62	0.1	34	26.0
D073355 (1856893)	5.13	3090	<2	1	3.7	2240	0.01	11	0.64	29.2	0.31	0.1	46	24.2
D073356 (1856894)	2.90	825	3	7	37.4	119	0.13	115	9.12	167	0.88	<0.1	24	27.0
D073357 (1856895)	2.39	584	2	7	31.9	125	0.07	17	7.82	130	1.07	<0.1	23	28.2
D073358 (1856896)	2.24	632	3	6	33.4	97	0.09	20	8.20	121	0.85	<0.1	18	29.7
D073359 (1856897)	2.64	741	4	8	40.3	112	0.08	17	9.47	136	0.63	0.1	23	27.9
D073360 (1856898)	2.27	564	7	7	31.4	162	0.08	19	7.64	125	1.04	0.3	22	29.3
D073361 (1856899)	2.05	680	<2	6	30.5	84	0.10	18	7.63	87.6	0.29	0.3	17	30.6
D073362 (1856900)	7.20	1850	<2	5	38.0	189	0.20	8	8.76	67.7	0.19	0.3	40	25.0
D073363 (1856901)	2.21	610	<2	6	27.2	102	0.11	14	6.85	99.6	0.24	0.3	19	29.6
D073364 (1856902)	15.0	1490	<2	<1	1.5	1350	0.01	<5	0.27	9.8	0.26	0.4	20	23.0
D073365 (1856903)	14.8	1260	<2	<1	1.9	1250	0.02	<5	0.40	0.8	0.34	0.4	18	20.8
D073366 (1856904)	14.2	1250	<2	<1	1.8	1310	<0.01	<5	0.30	1.2	0.69	0.4	20	23.9
D073367 (1856905)	12.9	947	2	2	15.8	889	0.05	11	4.00	180	0.52	0.4	23	22.2

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 20T692059

PROJECT: SURIMEAN BAIRHL

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Brian Newton,FrancisNewton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 17, 2020 | DATE RECEIVED: Dec 17, 2020 | DATE REPORTED: Jan 22, 2021 | SAMPLE TYPE: Rock

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
B67201 (1856790)	4.1	25	163	<0.5	0.61	5.2	0.34	1.7	0.24	1.83	85	3	16.2	1.8
B67202 (1856791)	4.9	23	136	0.6	0.63	6.7	0.30	1.4	0.29	2.04	74	2	20.0	2.2
B67203 (1856792)	4.2	27	121	<0.5	0.61	6.4	0.23	1.9	0.25	2.03	84	2	16.6	1.8
B67204 (1856793)	6.3	17	97.3	<0.5	0.83	5.9	0.34	4.4	0.36	2.08	142	1	23.4	2.6
B67205 (1856794)	4.8	13	135	0.5	0.58	7.1	0.33	3.5	0.23	2.06	114	1	16.3	1.6
B67206 (1856795)	6.3	8	183	0.6	0.77	7.9	0.45	4.4	0.27	2.23	163	<1	19.5	1.9
B67207 (1856796)	5.3	5	165	0.7	0.62	8.0	0.39	2.9	0.26	2.31	132	1	17.6	1.8
B67208 (1856797)	5.1	6	100	0.6	0.68	7.7	0.41	4.0	0.28	2.10	147	1	17.5	1.8
B67209 (1856798)	5.9	7	120	0.6	0.72	8.4	0.39	3.4	0.25	2.24	127	1	18.7	1.8
B67210 (1856799)	5.8	5	144	0.6	0.73	10.2	0.34	1.7	0.28	3.09	89	1	20.6	2.0
B67211 (1856800)	5.4	5	199	0.7	0.71	8.6	0.39	2.3	0.26	2.48	137	1	19.1	1.8
B67212 (1856801)	5.2	5	318	0.6	0.64	7.7	0.38	2.9	0.25	2.28	144	<1	17.5	1.7
B67213 (1856802)	4.2	11	268	<0.5	0.55	5.3	0.33	<0.5	0.28	2.22	160	<1	19.3	2.0
B67214 (1856803)	3.4	8	369	<0.5	0.63	1.8	0.39	<0.5	0.38	1.56	191	<1	24.9	2.7
B67215 (1856804)	1.3	3	190	<0.5	0.44	0.2	0.38	0.9	0.25	0.12	243	<1	17.9	1.8
B67216 (1856805)	0.6	1	31.2	<0.5	0.19	0.2	0.16	<0.5	0.12	0.09	93	<1	7.3	0.8
B67217 (1856806)	0.5	1	18.2	<0.5	0.15	<0.1	0.14	<0.5	0.09	<0.05	80	<1	6.2	0.6
B67218 (1856807)	0.5	1	18.6	<0.5	0.16	<0.1	0.15	1.0	0.13	<0.05	90	<1	6.2	0.8
B67219 (1856808)	2.3	4	205	<0.5	0.38	2.0	0.27	0.8	0.21	0.80	114	<1	11.7	1.3
B67220 (1856809)	3.7	4	478	<0.5	0.45	3.2	0.33	0.5	0.19	1.01	130	<1	12.5	1.3
B67221 (1856810)	5.5	4	704	<0.5	0.67	4.6	0.45	0.6	0.28	1.35	214	<1	17.7	1.9
B67222 (1856811)	6.3	3	536	0.5	0.77	7.7	0.43	1.2	0.28	2.38	171	<1	19.8	1.9
B67223 (1856812)	6.6	2	272	0.6	0.72	8.5	0.43	1.3	0.28	2.41	154	<1	19.7	2.0
B67224 (1856813)	5.8	3	296	0.6	0.62	8.1	0.40	1.0	0.26	2.04	136	<1	18.0	1.8
B67225 (1856814)	4.4	2	225	0.5	0.50	6.6	0.38	0.6	0.20	2.08	118	<1	14.0	1.3
B67226 (1856815)	4.1	2	289	<0.5	0.50	5.9	0.33	0.5	0.18	1.84	119	<1	11.9	1.2
B67227 (1856816)	5.5	2	215	0.6	0.66	7.3	0.42	0.9	0.25	2.09	144	<1	16.3	1.6
B67228 (1856817)	5.3	2	347	0.5	0.65	6.9	0.40	0.7	0.21	2.01	119	<1	15.4	1.4
B67229 (1856818)	3.1	1	245	<0.5	0.43	5.2	0.27	<0.5	0.14	1.39	92	<1	10.9	1.1
B67230 (1856819)	5.1	2	266	0.6	0.57	7.6	0.37	0.5	0.23	2.22	115	<1	16.9	1.7
B67231 (1856820)	3.7	2	255	<0.5	0.43	5.9	0.32	<0.5	0.20	1.81	100	<1	14.2	1.4
B67232 (1856821)	5.1	2	279	0.5	0.60	7.4	0.41	<0.5	0.21	2.09	140	<1	15.8	1.4

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 20T692059

PROJECT: SURIMEAN BAIRHL

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Brian Newton,FrancisNewton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 17, 2020 | DATE RECEIVED: Dec 17, 2020 | DATE REPORTED: Jan 22, 2021 | SAMPLE TYPE: Rock

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
B67233 (1856822)	4.8	2	277	0.5	0.61	7.2	0.40	<0.5	0.23	2.12	132	<1	16.0	1.5
B67234 (1856823)	4.7	2	371	<0.5	0.59	6.8	0.42	0.5	0.25	2.06	153	<1	16.5	1.6
B67235 (1856824)	3.1	2	202	<0.5	0.34	4.3	0.24	<0.5	0.12	1.22	73	<1	9.3	0.9
B67236 (1856825)	4.4	2	319	0.6	0.62	7.9	0.35	0.5	0.23	2.24	104	<1	14.5	1.6
B67237 (1856826)	4.7	2	255	0.6	0.57	7.4	0.37	0.6	0.24	2.34	112	1	15.3	1.6
B67238 (1856827)	4.9	2	272	0.6	0.60	8.2	0.39	0.5	0.23	2.30	122	<1	14.0	1.4
B67239 (1856828)	5.0	2	245	0.6	0.61	7.5	0.36	<0.5	0.21	2.27	112	<1	16.0	1.6
B67240 (1856829)	4.3	5	112	<0.5	0.53	6.8	0.32	3.6	0.21	2.17	86	2	14.1	1.4
B67241 (1856830)	4.5	5	119	<0.5	0.52	6.7	0.31	3.5	0.18	2.02	86	<1	13.9	1.2
B67242 (1856831)	4.0	6	80.2	<0.5	0.49	6.8	0.30	3.6	0.19	2.13	91	<1	13.6	1.4
B67243 (1856832)	4.2	4	76.7	0.5	0.49	6.6	0.30	4.1	0.20	2.01	91	15	13.1	1.3
B67244 (1856833)	4.8	7	87.7	0.6	0.55	7.1	0.33	4.0	0.22	2.20	109	<1	15.7	1.5
B67245 (1856834)	4.6	13	66.5	0.6	0.55	7.5	0.22	2.0	0.25	2.25	63	1	16.7	1.8
B67246 (1856835)	4.0	10	51.1	0.6	0.49	7.7	0.22	2.4	0.22	2.23	62	1	14.5	1.4
B67247 (1856836)	3.2	15	44.1	<0.5	0.43	5.9	0.18	2.0	0.18	1.73	56	<1	11.8	1.3
B67248 (1856837)	4.3	13	80.0	0.5	0.55	6.7	0.27	2.0	0.24	1.94	72	1	15.9	1.7
B67249 (1856838)	4.3	11	106	<0.5	0.51	6.1	0.33	3.3	0.18	1.96	101	<1	14.1	1.4
B67250 (1856839)	4.3	19	88.9	<0.5	0.58	5.6	0.33	4.0	0.22	1.77	101	<1	15.7	1.5
B67251 (1856840)	4.5	12	92.9	0.5	0.51	6.4	0.35	3.8	0.22	1.92	95	<1	14.8	1.4
B67252 (1856841)	4.5	7	95.5	0.5	0.55	6.4	0.32	3.7	0.23	2.00	92	<1	14.8	1.5
B67253 (1856842)	3.6	4	125	<0.5	0.51	6.2	0.34	4.2	0.19	1.94	151	<1	12.7	1.4
B67254 (1856843)	4.2	3	165	<0.5	0.54	5.8	0.34	3.4	0.21	1.90	103	<1	13.1	1.4
B67255 (1856844)	6.1	4	345	<0.5	0.72	6.8	0.35	2.9	0.22	2.07	107	<1	16.6	1.5
B67256 (1856845)	4.1	7	244	<0.5	0.48	6.2	0.30	2.7	0.18	1.85	86	<1	14.0	1.4
B67258 (1856846)	4.4	8	189	<0.5	0.46	6.1	0.35	2.9	0.20	1.87	111	<1	16.1	1.4
B67259 (1856847)	4.6	7	156	0.5	0.55	7.2	0.30	2.9	0.22	2.30	81	1	16.3	1.5
B67260 (1856848)	3.9	7	134	<0.5	0.51	6.3	0.26	2.0	0.20	1.95	74	2	13.3	1.5
B67261 (1856849)	4.2	4	185	<0.5	0.50	6.9	0.32	2.4	0.19	2.26	91	<1	13.3	1.3
B67262 (1856850)	4.3	7	132	0.5	0.54	7.2	0.25	2.1	0.23	2.06	68	1	14.9	1.6
B67263 (1856851)	4.2	8	164	<0.5	0.49	6.4	0.27	1.8	0.19	2.42	83	<1	14.4	1.5
B67264 (1856852)	5.1	4	129	0.5	0.61	7.1	0.34	2.3	0.22	2.15	99	<1	14.9	1.5
B67265 (1856853)	3.0	5	220	<0.5	0.52	3.2	0.30	1.0	0.28	1.60	154	<1	18.4	1.9

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 20T692059

PROJECT: SURIMEAN BAIRHL

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Brian Newton,FrancisNewton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 17, 2020 | DATE RECEIVED: Dec 17, 2020 | DATE REPORTED: Jan 22, 2021 | SAMPLE TYPE: Rock

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
B67266 (1856854)	2.2	5	236	<0.5	0.42	1.4	0.29	2.0	0.21	0.54	182	<1	15.3	1.5
B67267 (1856855)	2.3	8	195	<0.5	0.39	1.4	0.17	0.8	0.24	0.52	48	<1	14.9	1.8
B67268 (1856856)	4.8	13	99.4	0.5	0.58	6.5	0.34	4.3	0.22	1.92	120	<1	16.9	1.8
B67269 (1856857)	3.8	6	297	<0.5	0.52	4.7	0.33	1.6	0.29	2.15	140	<1	17.3	1.7
B67270 (1856858)	2.9	5	362	<0.5	0.49	2.1	0.36	1.1	0.24	1.13	189	<1	17.1	1.9
B67271 (1856859)	4.3	8	466	0.5	0.56	7.0	0.27	<0.5	0.28	3.34	55	<1	17.1	1.8
B67272 (1856860)	6.3	7	967	0.6	0.79	8.5	0.34	<0.5	0.33	16.1	109	<1	21.2	2.3
B67273 (1856861)	0.9	5	49.2	<0.5	0.24	0.6	0.20	2.5	0.13	1.50	177	<1	8.5	1.0
B67274 (1856862)	0.6	2	30.7	<0.5	0.17	<0.1	0.18	<0.5	0.10	0.06	113	<1	6.7	0.7
B67275 (1856863)	0.5	2	34.4	<0.5	0.16	<0.1	0.15	<0.5	0.09	<0.05	87	<1	6.4	0.6
B67276 (1856864)	0.9	1	30.2	<0.5	0.19	0.1	0.21	<0.5	0.12	<0.05	126	<1	8.6	0.8
B67277 (1856865)	0.8	1	30.1	<0.5	0.20	<0.1	0.20	<0.5	0.13	<0.05	120	<1	8.2	0.9
B67278 (1856866)	0.5	1	30.3	<0.5	0.15	<0.1	0.17	<0.5	0.12	<0.05	93	<1	6.2	0.6
B67279 (1856867)	0.8	2	43.2	<0.5	0.21	<0.1	0.18	<0.5	0.14	<0.05	131	<1	8.5	0.9
B67280 (1856868)	3.3	3	452	<0.5	0.54	1.9	0.38	0.6	0.24	0.79	224	<1	17.1	1.8
B67281 (1856869)	2.5	2	293	<0.5	0.44	1.1	0.29	<0.5	0.21	0.53	178	<1	13.5	1.4
B67282 (1856870)	2.3	2	341	<0.5	0.36	1.2	0.31	0.5	0.21	0.98	179	<1	14.2	1.4
B67283 (1856871)	3.5	4	530	<0.5	0.53	2.6	0.40	1.7	0.24	1.22	207	<1	15.6	1.5
B67284 (1856872)	5.9	4	669	<0.5	0.65	4.7	0.40	1.1	0.27	2.11	181	<1	17.7	1.7
B67285 (1856873)	8.4	4	1480	<0.5	0.68	7.4	0.32	<0.5	0.14	3.38	71	<1	12.0	0.9
B67286 (1856874)	6.9	4	929	<0.5	0.74	5.4	0.42	1.0	0.24	1.66	150	<1	17.4	1.6
B67287 (1856875)	5.7	5	517	<0.5	0.72	6.5	0.42	1.1	0.32	1.94	176	<1	19.2	1.9
B67288 (1856876)	6.0	2	513	0.6	0.68	7.8	0.39	1.7	0.22	2.40	120	1	16.0	1.4
B67289 (1856877)	5.3	2	248	0.6	0.68	7.5	0.39	1.5	0.25	2.19	140	1	15.8	1.6
B67290 (1856878)	5.5	3	275	0.6	0.59	7.5	0.40	2.1	0.21	2.23	142	1	13.5	1.4
B67291 (1856879)	5.8	4	173	0.7	0.70	7.9	0.39	2.7	0.26	2.35	139	2	17.5	1.9
B67292 (1856880)	4.7	4	127	<0.5	0.54	6.9	0.36	2.0	0.21	1.88	147	2	14.5	1.3
B67293 (1856881)	4.7	10	191	<0.5	0.92	0.3	0.39	<0.5	0.58	1.45	297	<1	38.2	3.8
B67294 (1856882)	3.6	8	88.9	<0.5	0.79	0.4	0.27	0.7	0.55	0.36	306	<1	32.7	3.3
B67295 (1856883)	0.5	1	23.6	<0.5	0.13	<0.1	0.16	1.6	0.09	0.09	93	<1	5.2	0.7
B67296 (1856884)	1.0	2	36.5	<0.5	0.18	0.2	0.18	2.0	0.12	0.12	107	<1	7.8	0.9
B67297 (1856885)	0.6	1	77.1	<0.5	0.16	<0.1	0.18	<0.5	0.12	0.09	111	<1	6.7	0.8

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 20T692059

PROJECT: SURIMEAN BAIRHL

CLIENT NAME: MISC AGAT CLIENT ON

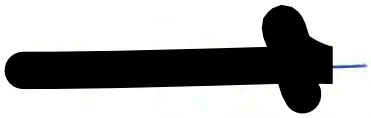
ATTENTION TO: Brian Newton,FrancisNewton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 17, 2020 | DATE RECEIVED: Dec 17, 2020 | DATE REPORTED: Jan 22, 2021 | SAMPLE TYPE: Rock

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
B67298 (1856886)	5.3	1	49.6	<0.5	0.59	4.2	0.60	1.4	0.21	0.61	234	<1	14.1	1.3
B67299 (1856887)	1.2	<1	49.0	<0.5	0.24	0.1	0.19	<0.5	0.16	0.09	121	<1	9.1	1.1
B67300 (1856888)	4.8	2	283	<0.5	0.60	3.5	0.35	1.8	0.24	0.87	157	<1	15.1	1.4
D073351 (1856889)	3.1	2	61.5	<0.5	0.45	2.3	0.32	3.3	0.19	0.47	174	<1	13.2	1.5
D073352 (1856890)	2.1	3	38.1	<0.5	0.44	0.3	0.20	1.6	0.31	0.24	137	<1	9.3	1.5
D073353 (1856891)	1.6	3	73.2	<0.5	0.44	0.8	0.36	2.1	0.29	0.31	234	<1	16.2	1.9
D073354 (1856892)	2.2	3	127	<0.5	0.43	2.5	0.38	1.3	0.21	0.80	210	<1	14.2	1.6
D073355 (1856893)	1.3	2	285	<0.5	0.45	<0.1	0.36	<0.5	0.26	<0.05	260	<1	16.9	1.9
D073356 (1856894)	6.9	3	299	0.6	0.77	8.1	0.44	1.9	0.26	2.36	156	<1	19.2	1.9
D073357 (1856895)	5.6	3	275	0.6	0.68	8.1	0.42	1.4	0.26	2.25	150	2	16.0	1.8
D073358 (1856896)	5.7	2	407	0.5	0.65	7.4	0.41	1.0	0.23	2.07	126	<1	15.5	1.6
D073359 (1856897)	7.1	3	288	0.5	0.70	7.4	0.43	1.0	0.26	2.13	154	1	19.8	1.7
D073360 (1856898)	5.6	5	333	0.6	0.67	8.4	0.42	0.8	0.27	2.46	145	1	18.7	1.9
D073361 (1856899)	5.8	2	398	<0.5	0.58	7.4	0.38	<0.5	0.23	2.42	116	<1	16.3	1.6
D073362 (1856900)	7.3	4	247	<0.5	0.83	5.4	0.46	<0.5	0.28	1.51	236	<1	20.3	2.0
D073363 (1856901)	4.8	2	355	0.6	0.56	7.0	0.41	0.5	0.24	2.17	127	<1	15.4	1.5
D073364 (1856902)	0.5	1	52.1	<0.5	0.14	<0.1	0.16	<0.5	0.10	<0.05	95	<1	5.5	0.6
D073365 (1856903)	0.7	<1	200	<0.5	0.19	<0.1	0.14	<0.5	0.12	<0.05	84	<1	6.9	0.7
D073366 (1856904)	0.5	2	32.2	<0.5	0.18	<0.1	0.17	<0.5	0.10	0.07	96	<1	6.1	0.7
D073367 (1856905)	2.5	2	35.0	<0.5	0.27	2.0	0.30	2.4	0.16	0.43	138	<1	9.0	0.9

Certified By:



AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 20T692059

PROJECT: SURIMEAN BAIRHL

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Brian Newton,FrancisNewton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 17, 2020 | DATE RECEIVED: Dec 17, 2020 | DATE REPORTED: Jan 22, 2021 | SAMPLE TYPE: Rock

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
B67201 (1856790)	13500	136
B67202 (1856791)	13200	134
B67203 (1856792)	9650	107
B67204 (1856793)	7140	96.1
B67205 (1856794)	1900	127
B67206 (1856795)	333	131
B67207 (1856796)	650	141
B67208 (1856797)	175	124
B67209 (1856798)	385	136
B67210 (1856799)	1760	161
B67211 (1856800)	1200	140
B67212 (1856801)	661	133
B67213 (1856802)	12100	136
B67214 (1856803)	7360	98.2
B67215 (1856804)	422	38.7
B67216 (1856805)	398	18.3
B67217 (1856806)	81	12.9
B67218 (1856807)	94	10.9
B67219 (1856808)	2670	58.2
B67220 (1856809)	1490	76.8
B67221 (1856810)	505	93.1
B67222 (1856811)	256	133
B67223 (1856812)	147	140
B67224 (1856813)	214	152
B67225 (1856814)	106	130
B67226 (1856815)	112	116
B67227 (1856816)	71	130
B67228 (1856817)	83	145
B67229 (1856818)	49	97.0
B67230 (1856819)	94	140
B67231 (1856820)	97	135
B67232 (1856821)	121	131

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 20T692059

PROJECT: SURIMEAN BAIRHL

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Brian Newton,FrancisNewton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 17, 2020 | DATE RECEIVED: Dec 17, 2020 | DATE REPORTED: Jan 22, 2021 | SAMPLE TYPE: Rock

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
B67233 (1856822)	122	135
B67234 (1856823)	134	129
B67235 (1856824)	62	90.7
B67236 (1856825)	155	133
B67237 (1856826)	165	125
B67238 (1856827)	135	138
B67239 (1856828)	87	137
B67240 (1856829)	222	134
B67241 (1856830)	191	186
B67242 (1856831)	723	124
B67243 (1856832)	242	138
B67244 (1856833)	236	132
B67245 (1856834)	4440	126
B67246 (1856835)	4280	115
B67247 (1856836)	2900	96.4
B67248 (1856837)	5660	141
B67249 (1856838)	4060	129
B67250 (1856839)	6490	134
B67251 (1856840)	2120	141
B67252 (1856841)	3310	136
B67253 (1856842)	313	125
B67254 (1856843)	286	116
B67255 (1856844)	253	144
B67256 (1856845)	369	130
B67258 (1856846)	4140	136
B67259 (1856847)	2710	147
B67260 (1856848)	3600	117
B67261 (1856849)	144	142
B67262 (1856850)	3090	145
B67263 (1856851)	2200	125
B67264 (1856852)	724	136
B67265 (1856853)	573	73.5

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 20T692059

PROJECT: SURIMEAN BAIRHL

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Brian Newton,FrancisNewton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 17, 2020 | DATE RECEIVED: Dec 17, 2020 | DATE REPORTED: Jan 22, 2021 | SAMPLE TYPE: Rock

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
B67266 (1856854)	467	41.9
B67267 (1856855)	4310	81.0
B67268 (1856856)	5400	116
B67269 (1856857)	1930	95.4
B67270 (1856858)	573	73.1
B67271 (1856859)	4810	140
B67272 (1856860)	4520	152
B67273 (1856861)	350	28.4
B67274 (1856862)	126	17.1
B67275 (1856863)	84	12.5
B67276 (1856864)	56	20.5
B67277 (1856865)	56	20.0
B67278 (1856866)	52	15.1
B67279 (1856867)	77	15.1
B67280 (1856868)	151	54.1
B67281 (1856869)	134	39.1
B67282 (1856870)	153	39.8
B67283 (1856871)	319	73.7
B67284 (1856872)	670	93.9
B67285 (1856873)	998	190
B67286 (1856874)	1410	133
B67287 (1856875)	1390	113
B67288 (1856876)	114	141
B67289 (1856877)	128	127
B67290 (1856878)	160	127
B67291 (1856879)	114	123
B67292 (1856880)	106	114
B67293 (1856881)	167	60.9
B67294 (1856882)	116	50.3
B67295 (1856883)	65	18.3
B67296 (1856884)	186	20.9
B67297 (1856885)	62	17.6

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 20T692059

PROJECT: SURIMEAN BAIRHL

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Brian Newton,FrancisNewton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 17, 2020 | DATE RECEIVED: Dec 17, 2020 | DATE REPORTED: Jan 22, 2021 | SAMPLE TYPE: Rock

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
B67298 (1856886)	75	123
B67299 (1856887)	56	29.1
B67300 (1856888)	99	82.4
D073351 (1856889)	128	74.6
D073352 (1856890)	124	18.5
D073353 (1856891)	399	44.0
D073354 (1856892)	216	72.5
D073355 (1856893)	116	32.5
D073356 (1856894)	175	142
D073357 (1856895)	105	125
D073358 (1856896)	124	143
D073359 (1856897)	199	146
D073360 (1856898)	313	151
D073361 (1856899)	86	159
D073362 (1856900)	157	115
D073363 (1856901)	127	147
D073364 (1856902)	54	16.6
D073365 (1856903)	38	12.8
D073366 (1856904)	63	16.1
D073367 (1856905)	110	78.1

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 20T692059

PROJECT: SURIMEAN BAIRHL

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Brian Newton,FrancisNewton

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Dec 17, 2020 | DATE RECEIVED: Dec 17, 2020 | DATE REPORTED: Jan 22, 2021 | SAMPLE TYPE: Rock

Analyte:	Au
Unit:	ppm
Sample ID (AGAT ID) RDL:	0.001
B67201 (1856790)	0.001
B67202 (1856791)	0.003
B67203 (1856792)	<0.001
B67204 (1856793)	0.003
B67205 (1856794)	0.002
B67206 (1856795)	<0.001
B67207 (1856796)	<0.001
B67208 (1856797)	<0.001
B67209 (1856798)	<0.001
B67210 (1856799)	<0.001
B67211 (1856800)	<0.001
B67212 (1856801)	<0.001
B67213 (1856802)	<0.001
B67214 (1856803)	<0.001
B67215 (1856804)	<0.001
B67216 (1856805)	0.002
B67217 (1856806)	<0.001
B67218 (1856807)	0.001
B67219 (1856808)	<0.001
B67220 (1856809)	0.002
B67221 (1856810)	<0.001
B67222 (1856811)	<0.001
B67223 (1856812)	<0.001
B67224 (1856813)	0.002
B67225 (1856814)	0.001
B67226 (1856815)	<0.001
B67227 (1856816)	<0.001
B67228 (1856817)	0.001
B67229 (1856818)	0.006
B67230 (1856819)	0.002
B67231 (1856820)	0.004
B67232 (1856821)	0.003

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 20T692059

PROJECT: SURIMEAN BAIRHL

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Brian Newton,FrancisNewton

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Dec 17, 2020 | DATE RECEIVED: Dec 17, 2020 | DATE REPORTED: Jan 22, 2021 | SAMPLE TYPE: Rock

Analyte:	Au
Unit:	ppm
Sample ID (AGAT ID) RDL:	0.001
B67233 (1856822)	0.001
B67234 (1856823)	0.002
B67235 (1856824)	<0.001
B67236 (1856825)	0.001
B67237 (1856826)	0.002
B67238 (1856827)	0.001
B67239 (1856828)	<0.001
B67240 (1856829)	0.002
B67241 (1856830)	0.004
B67242 (1856831)	0.004
B67243 (1856832)	0.001
B67244 (1856833)	0.001
B67245 (1856834)	0.011
B67246 (1856835)	0.005
B67247 (1856836)	0.005
B67248 (1856837)	0.005
B67249 (1856838)	0.001
B67250 (1856839)	0.007
B67251 (1856840)	0.003
B67252 (1856841)	0.001
B67253 (1856842)	<0.001
B67254 (1856843)	<0.001
B67255 (1856844)	<0.001
B67256 (1856845)	0.003
B67258 (1856846)	<0.001
B67259 (1856847)	0.001
B67260 (1856848)	<0.001
B67261 (1856849)	0.002
B67262 (1856850)	0.005
B67263 (1856851)	0.001
B67264 (1856852)	<0.001
B67265 (1856853)	<0.001

Certified By: [redacted]

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 20T692059

PROJECT: SURIMEAN BAIRHL

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Brian Newton,FrancisNewton

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Dec 17, 2020 | DATE RECEIVED: Dec 17, 2020 | DATE REPORTED: Jan 22, 2021 | SAMPLE TYPE: Rock

Analyte:	Au
Unit:	ppm
Sample ID (AGAT ID) RDL:	0.001
B67266 (1856854)	<0.001
B67267 (1856855)	<0.001
B67268 (1856856)	0.002
B67269 (1856857)	0.001
B67270 (1856858)	<0.001
B67271 (1856859)	<0.001
B67272 (1856860)	<0.001
B67273 (1856861)	<0.001
B67274 (1856862)	0.002
B67275 (1856863)	<0.001
B67276 (1856864)	<0.001
B67277 (1856865)	<0.001
B67278 (1856866)	<0.001
B67279 (1856867)	<0.001
B67280 (1856868)	<0.001
B67281 (1856869)	<0.001
B67282 (1856870)	0.002
B67283 (1856871)	<0.001
B67284 (1856872)	<0.001
B67285 (1856873)	<0.001
B67286 (1856874)	<0.001
B67287 (1856875)	<0.001
B67288 (1856876)	<0.001
B67289 (1856877)	<0.001
B67290 (1856878)	<0.001
B67291 (1856879)	0.104
B67292 (1856880)	<0.001
B67293 (1856881)	0.005
B67294 (1856882)	<0.001
B67295 (1856883)	0.003
B67296 (1856884)	<0.001
B67297 (1856885)	<0.001

Certified By: [redacted]

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 20T692059

PROJECT: SURIMEAN BAIRHL

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Brian Newton,FrancisNewton

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Dec 17, 2020 | DATE RECEIVED: Dec 17, 2020 | DATE REPORTED: Jan 22, 2021 | SAMPLE TYPE: Rock

Analyte:	Au
Unit:	ppm
Sample ID (AGAT ID) RDL:	0.001
B67298 (1856886)	<0.001
B67299 (1856887)	<0.001
B67300 (1856888)	<0.001
D073351 (1856889)	<0.001
D073352 (1856890)	<0.001
D073353 (1856891)	0.003
D073354 (1856892)	0.004
D073355 (1856893)	<0.001
D073356 (1856894)	0.001
D073357 (1856895)	0.004
D073358 (1856896)	0.002
D073359 (1856897)	0.006
D073360 (1856898)	0.005
D073361 (1856899)	0.006
D073362 (1856900)	0.020
D073363 (1856901)	<0.001
D073364 (1856902)	<0.001
D073365 (1856903)	0.010
D073366 (1856904)	0.001
D073367 (1856905)	<0.001

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Certified By: [redacted]

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 20T692059

PROJECT: SURIMEAN BAIRHL

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Brian Newton,FrancisNewton

Sieving - % Passing (Crushing)

DATE SAMPLED: Dec 17, 2020 | DATE RECEIVED: Dec 17, 2020 | DATE REPORTED: Jan 22, 2021 | SAMPLE TYPE: Rock

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
B67209 (1856798)	77.71
B67218 (1856807)	79.23
B67240 (1856829)	84.44
B67249 (1856838)	82.06
B67259 (1856847)	83.47
B67269 (1856857)	83.25

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 20T692059

PROJECT: SURIMEAN BAIRHL

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Brian Newton,FrancisNewton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Dec 17, 2020 | DATE RECEIVED: Dec 17, 2020 | DATE REPORTED: Jan 22, 2021 | SAMPLE TYPE: Rock

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
B67219 (1856808)	89.67
B67237 (1856826)	88.09
B67256 (1856845)	89.54
B67275 (1856863)	93.14
B67295 (1856883)	87.37
D073364 (1856902)	87.20

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 20T692059

PROJECT: SURIMEAN BAIRHL

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Brian Newton,FrancisNewton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	1856790	1	2		1856805	< 1	< 1	0.0%	1856815	< 1	< 1	0.0%	1856830	< 1	< 1	0.0%
Al	1856790	7.43	7.20	3.1%	1856805	2.95	2.96	0.3%	1856815	8.04	7.82	2.8%	1856830	7.86	7.65	2.7%
As	1856790	8	7	13.3%	1856805	< 5	< 5	0.0%	1856815	< 5	< 5	0.0%	1856830	9	8	11.8%
B	1856790	< 20	< 20	0.0%	1856805	< 20	< 20	0.0%	1856815	< 20	< 20	0.0%	1856830	< 20	< 20	0.0%
Ba	1856790	568	543	4.5%	1856805	54.8	57.6	5.0%	1856815	645	635	1.6%	1856830	321	324	0.9%
Be	1856790	< 5	< 5	0.0%	1856805	< 5	< 5	0.0%	1856815	< 5	< 5	0.0%	1856830	< 5	< 5	0.0%
Bi	1856790	1.6	1.6	0.0%	1856805	1.34	1.45	7.9%	1856815	0.3	0.3	0.0%	1856830	0.55	0.49	11.5%
Ca	1856790	1.89	1.82	3.8%	1856805	4.59	4.60	0.2%	1856815	1.80	1.77	1.7%	1856830	2.20	2.14	2.8%
Cd	1856790	23.2	26.0	11.4%	1856805	0.59	0.53	10.7%	1856815	< 0.2	< 0.2	0.0%	1856830	0.4	0.4	0.0%
Ce	1856790	47.8	48.7	1.9%	1856805	2.7	2.8	3.6%	1856815	48.8	47.1	3.5%	1856830	53.8	54.2	0.7%
Co	1856790	82.9	91.5	9.9%	1856805	108	110	1.8%	1856815	27.1	27.9	2.9%	1856830	38.4	37.2	3.2%
Cr	1856790	0.0215	0.0213	0.9%	1856805	0.204	0.218	6.6%	1856815	0.0401	0.0431	7.2%	1856830	0.0274	0.0279	1.8%
Cs	1856790	1.1	1.1	0.0%	1856805	1.9	1.9	0.0%	1856815	3.11	3.30	5.9%	1856830	2.5	2.5	0.0%
Cu	1856790	1830	2070	12.3%	1856805	111	118	6.1%	1856815	53	48	9.9%	1856830	952	949	0.3%
Dy	1856790	2.99	2.97	0.7%	1856805	1.10	1.19	7.9%	1856815	2.24	2.14	4.6%	1856830	2.30	2.33	1.3%
Er	1856790	1.76	1.80	2.2%	1856805	0.74	0.74	0.0%	1856815	1.20	1.16	3.4%	1856830	1.36	1.31	3.7%
Eu	1856790	1.56	1.67	6.8%	1856805	0.137	0.156	13.0%	1856815	0.840	0.743	12.3%	1856830	1.10	1.05	4.7%
Fe	1856790	7.21	7.09	1.7%	1856805	6.77	6.74	0.4%	1856815	4.53	4.60	1.5%	1856830	5.05	4.97	1.6%
Ga	1856790	31.2	31.8	1.9%	1856805	7.96	7.96	0.0%	1856815	19.6	20.1	2.5%	1856830	20.9	20.2	3.4%
Gd	1856790	3.94	3.78	4.1%	1856805	0.97	0.84	14.4%	1856815	3.50	3.44	1.7%	1856830	3.79	3.84	1.3%
Ge	1856790	3	2		1856805	5	5	0.0%	1856815	1	1	0.0%	1856830	3	3	0.0%
Hf	1856790	4	4	0.0%	1856805	< 1	< 1	0.0%	1856815	3	3	0.0%	1856830	4	3	28.6%
Ho	1856790	0.59	0.64	8.1%	1856805	0.270	0.261	3.4%	1856815	0.434	0.463	6.5%	1856830	0.46	0.48	4.3%
In	1856790	5.0	5.7	13.1%	1856805	< 0.2	< 0.2	0.0%	1856815	< 0.2	< 0.2	0.0%	1856830	< 0.2	< 0.2	0.0%
K	1856790	1.37	1.27	7.6%	1856805	0.22	0.22	0.0%	1856815	1.88	1.91	1.6%	1856830	1.26	1.25	0.8%
La	1856790	23.1	23.6	2.1%	1856805	1.1	1.2	8.7%	1856815	23.5	22.7	3.5%	1856830	26.3	26.2	0.4%
Li	1856790	28	27	3.6%	1856805	< 10	< 10	0.0%	1856815	41	43	4.8%	1856830	45	45	0.0%
Lu	1856790	0.27	0.26	3.8%	1856805	0.12	0.12	0.0%	1856815	0.19	0.19	0.0%	1856830	0.19	0.17	11.1%
Mg	1856790	0.69	0.66	4.4%	1856805	13.9	14.9	6.9%	1856815	2.45	2.56	4.4%	1856830	1.24	1.26	1.6%
Mn	1856790	568	581	2.3%	1856805	1490	1500	0.7%	1856815	590	619	4.8%	1856830	797	792	0.6%
Mo	1856790	22	25	12.8%	1856805	4	5	22.2%	1856815	< 2	< 2	0.0%	1856830	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Brian Newton,FrancisNewton

Nb	1856790	5	5	0.0%	1856805	< 1	< 1	0.0%	1856815	5	6	18.2%	1856830	6	6	0.0%
Nd	1856790	22.0	23.1	4.9%	1856805	2.04	2.11	3.4%	1856815	23.4	22.7	3.0%	1856830	25.5	25.7	0.8%
Ni	1856790	313	317	1.3%	1856805	1490	1610	7.7%	1856815	142	142	0.0%	1856830	307	314	2.3%
P	1856790	0.062	0.065	4.7%	1856805	< 0.01	0.01		1856815	0.08	0.08	0.0%	1856830	0.067	0.060	11.0%
Pb	1856790	79	90	13.0%	1856805	5	5	0.0%	1856815	18	17	5.7%	1856830	28	26	7.4%
Pr	1856790	5.72	5.86	2.4%	1856805	0.394	0.421	6.6%	1856815	5.88	5.57	5.4%	1856830	6.41	6.58	2.6%
Rb	1856790	44.3	43.0	3.0%	1856805	10.8	10.9	0.9%	1856815	88.3	89.3	1.1%	1856830	61.5	59.2	3.8%
S	1856790	5.66	5.81	2.6%	1856805	1.99	2.09	4.9%	1856815	0.360	0.304	16.9%	1856830	3.44	3.50	1.7%
Sb	1856790	< 0.1	< 0.1	0.0%	1856805	< 0.1	< 0.1	0.0%	1856815	< 0.1	< 0.1	0.0%	1856830	< 0.1	< 0.1	0.0%
Sc	1856790	15	15	0.0%	1856805	20	22	9.5%	1856815	19	19	0.0%	1856830	13	13	0.0%
Si	1856790	28.6	27.3	4.7%	1856805	23.2	23.3	0.4%	1856815	30.0	30.6	2.0%	1856830	30.7	30.0	2.3%
Sm	1856790	4.12	4.26	3.3%	1856805	0.64	0.70	9.0%	1856815	4.06	4.01	1.2%	1856830	4.5	4.5	0.0%
Sn	1856790	25	26	3.9%	1856805	1	1	0.0%	1856815	2	2	0.0%	1856830	5	5	0.0%
Sr	1856790	163	159	2.5%	1856805	31.2	31.4	0.6%	1856815	289	261	10.2%	1856830	119	116	2.6%
Ta	1856790	< 0.5	< 0.5	0.0%	1856805	< 0.5	< 0.5	0.0%	1856815	< 0.5	< 0.5	0.0%	1856830	0.5	0.5	0.0%
Tb	1856790	0.61	0.60	1.7%	1856805	0.19	0.19	0.0%	1856815	0.50	0.47	6.2%	1856830	0.52	0.54	3.8%
Th	1856790	5.2	5.3	1.9%	1856805	0.2	0.2	0.0%	1856815	5.9	5.9	0.0%	1856830	6.75	6.99	3.5%
Ti	1856790	0.34	0.33	3.0%	1856805	0.164	0.166	1.2%	1856815	0.334	0.339	1.5%	1856830	0.31	0.31	0.0%
Tl	1856790	1.7	1.7	0.0%	1856805	< 0.5	< 0.5	0.0%	1856815	0.54	0.57	5.4%	1856830	3.54	3.45	2.6%
Tm	1856790	0.244	0.253	3.6%	1856805	0.115	0.108	6.3%	1856815	0.18	0.20	10.5%	1856830	0.18	0.15	18.2%
U	1856790	1.83	1.80	1.7%	1856805	0.09	0.09	0.0%	1856815	1.84	1.78	3.3%	1856830	2.02	2.09	3.4%
V	1856790	85	83	2.4%	1856805	93	104	11.2%	1856815	119	118	0.8%	1856830	86	88	2.3%
W	1856790	3	3	0.0%	1856805	< 1	< 1	0.0%	1856815	< 1	< 1	0.0%	1856830	< 1	< 1	0.0%
Y	1856790	16.2	16.4	1.2%	1856805	7.3	7.3	0.0%	1856815	11.9	12.7	6.5%	1856830	13.9	13.4	3.7%
Yb	1856790	1.8	1.8	0.0%	1856805	0.8	0.8	0.0%	1856815	1.2	1.2	0.0%	1856830	1.2	1.3	8.0%
Zn	1856790	13500	15300	12.5%	1856805	398	389	2.3%	1856815	112	121	7.7%	1856830	191	198	3.6%
Zr	1856790	136	138	1.5%	1856805	18.3	17.8	2.8%	1856815	116	115	0.9%	1856830	186	157	16.9%
	REPLICATE #5				REPLICATE #6				REPLICATE #7				REPLICATE #8			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	1856840	< 1	< 1	0.0%	1856855	1	1	0.0%	1856865	< 1	< 1	0.0%	1856880	< 1	< 1	0.0%
Al	1856840	8.20	7.95	3.1%	1856855	4.22	4.16	1.4%	1856865	3.41	3.25	4.8%	1856880	8.27	8.24	0.4%
As	1856840	16	15	6.5%	1856855	32	27	16.9%	1856865	< 5	< 5	0.0%	1856880	< 5	< 5	0.0%
B	1856840	< 20	< 20	0.0%	1856855	< 20	< 20	0.0%	1856865	< 20	< 20	0.0%	1856880	< 20	< 20	0.0%
Ba	1856840	227	223	1.8%	1856855	116	116	0.0%	1856865	5.3	6.3	17.2%	1856880	789	776	1.7%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Brian Newton,FrancisNewton

Be	1856840	< 5	< 5	0.0%	1856855	< 5	< 5	0.0%	1856865	< 5	< 5	0.0%	1856880	< 5	< 5	0.0%
Bi	1856840	0.69	0.61	12.3%	1856855	2.6	2.5	3.9%	1856865	0.7	0.7	0.0%	1856880	0.3	0.3	0.0%
Ca	1856840	2.04	1.98	3.0%	1856855	7.21	6.87	4.8%	1856865	5.39	5.21	3.4%	1856880	1.23	1.20	2.5%
Cd	1856840	3.5	3.5	0.0%	1856855	7.3	7.7	5.3%	1856865	< 0.2	< 0.2	0.0%	1856880	< 0.2	< 0.2	0.0%
Ce	1856840	51.4	50.2	2.4%	1856855	18.9	18.8	0.5%	1856865	2.8	2.7	3.6%	1856880	54.5	52.4	3.9%
Co	1856840	40.5	36.9	9.3%	1856855	243	242	0.4%	1856865	93.2	90.7	2.7%	1856880	26.7	27.8	4.0%
Cr	1856840	0.027	0.027	0.0%	1856855	0.0407	0.0398	2.2%	1856865	0.224	0.223	0.4%	1856880	0.0277	0.0270	2.6%
Cs	1856840	2.8	2.8	0.0%	1856855	0.46	0.45	2.2%	1856865	0.2	0.2	0.0%	1856880	4.25	4.32	1.6%
Cu	1856840	382	347	9.6%	1856855	1670	1620	3.0%	1856865	58	59	1.7%	1856880	63	58	8.3%
Dy	1856840	2.63	2.52	4.3%	1856855	2.36	2.38	0.8%	1856865	1.40	1.36	2.9%	1856880	2.57	2.65	3.1%
Er	1856840	1.43	1.28	11.1%	1856855	1.63	1.63	0.0%	1856865	0.832	0.910	9.0%	1856880	1.41	1.32	6.6%
Eu	1856840	1.38	1.31	5.2%	1856855	0.920	0.958	4.0%	1856865	0.108	0.105	2.8%	1856880	0.84	0.84	0.0%
Fe	1856840	4.78	4.58	4.3%	1856855	15.8	15.2	3.9%	1856865	7.51	7.29	3.0%	1856880	4.36	4.24	2.8%
Ga	1856840	25.5	24.3	4.8%	1856855	12.8	12.9	0.8%	1856865	8.20	8.10	1.2%	1856880	25.0	26.0	3.9%
Gd	1856840	3.96	3.68	7.3%	1856855	2.28	2.33	2.2%	1856865	1.10	1.14	3.6%	1856880	4.08	3.94	3.5%
Ge	1856840	5	5	0.0%	1856855	2	2	0.0%	1856865	4	4	0.0%	1856880	2	2	0.0%
Hf	1856840	3	3	0.0%	1856855	2	2	0.0%	1856865	< 1	< 1	0.0%	1856880	3	3	0.0%
Ho	1856840	0.51	0.50	2.0%	1856855	0.557	0.511	8.6%	1856865	0.291	0.281	3.5%	1856880	0.482	0.511	5.8%
In	1856840	0.9	0.9	0.0%	1856855	0.9	0.9	0.0%	1856865	< 0.2	< 0.2	0.0%	1856880	< 0.2	< 0.2	0.0%
K	1856840	1.34	1.29	3.8%	1856855	0.52	0.51	1.9%	1856865	< 0.05	< 0.05	0.0%	1856880	2.67	2.66	0.4%
La	1856840	24.7	24.2	2.0%	1856855	8.3	8.2	1.2%	1856865	1.1	1.0	9.5%	1856880	26.2	25.2	3.9%
Li	1856840	46	46	0.0%	1856855	< 10	< 10	0.0%	1856865	< 10	< 10	0.0%	1856880	43	40	7.2%
Lu	1856840	0.20	0.21	4.9%	1856855	0.253	0.269	6.1%	1856865	0.14	0.14	0.0%	1856880	0.20	0.21	4.9%
Mg	1856840	1.49	1.49	0.0%	1856855	0.290	0.283	2.4%	1856865	14.6	14.4	1.4%	1856880	1.87	1.82	2.7%
Mn	1856840	639	627	1.9%	1856855	1880	1860	1.1%	1856865	1040	997	4.2%	1856880	497	473	4.9%
Mo	1856840	2	2	0.0%	1856855	6	5	18.2%	1856865	< 2	< 2	0.0%	1856880	25	22	12.8%
Nb	1856840	6	6	0.0%	1856855	3	3	0.0%	1856865	< 1	< 1	0.0%	1856880	6	6	0.0%
Nd	1856840	24.9	23.4	6.2%	1856855	10.9	10.2	6.6%	1856865	2.4	2.3	4.3%	1856880	27.3	27.6	1.1%
Ni	1856840	176	177	0.6%	1856855	2850	2800	1.8%	1856865	1110	1070	3.7%	1856880	103	100	3.0%
P	1856840	0.05	0.05	0.0%	1856855	0.03	0.03	0.0%	1856865	0.01	< 0.01		1856880	0.06	0.06	0.0%
Pb	1856840	46	44	4.4%	1856855	52	50	3.9%	1856865	< 5	< 5	0.0%	1856880	17	18	5.7%
Pr	1856840	6.08	5.84	4.0%	1856855	2.46	2.43	1.2%	1856865	0.437	0.423	3.3%	1856880	6.59	6.25	5.3%
Rb	1856840	70.8	68.4	3.4%	1856855	17.1	17.5	2.3%	1856865	1.0	1.0	0.0%	1856880	119	125	4.9%
S	1856840	3.64	3.58	1.7%	1856855	10.6	10.2	3.8%	1856865	1.70	1.70	0.0%	1856880	1.79	1.70	5.2%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 20T692059

PROJECT: SURIMEAN BAIRHL

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Brian Newton,FrancisNewton

Sb	1856840	< 0.1	< 0.1	0.0%	1856855	< 0.1	< 0.1	0.0%	1856865	< 0.1	< 0.1	0.0%	1856880	< 0.1	< 0.1	0.0%
Sc	1856840	15	15	0.0%	1856855	13	13	0.0%	1856865	24	23	4.3%	1856880	22	22	0.0%
Si	1856840	29.8	28.9	3.1%	1856855	21.8	20.6	5.7%	1856865	22.8	21.9	4.0%	1856880	32.2	31.7	1.6%
Sm	1856840	4.5	4.1	9.3%	1856855	2.28	2.36	3.4%	1856865	0.8	0.8	0.0%	1856880	4.7	4.7	0.0%
Sn	1856840	12	10	18.2%	1856855	8	7	13.3%	1856865	1	2		1856880	4	4	0.0%
Sr	1856840	92.9	89.8	3.4%	1856855	195	187	4.2%	1856865	30.1	28.5	5.5%	1856880	127	125	1.6%
Ta	1856840	0.5	0.5	0.0%	1856855	< 0.5	< 0.5	0.0%	1856865	< 0.5	< 0.5	0.0%	1856880	0.44	0.54	20.4%
Tb	1856840	0.515	0.547	6.0%	1856855	0.393	0.405	3.0%	1856865	0.20	0.20	0.0%	1856880	0.54	0.51	5.7%
Th	1856840	6.36	6.21	2.4%	1856855	1.4	1.4	0.0%	1856865	< 0.1	< 0.1	0.0%	1856880	6.92	6.43	7.3%
Ti	1856840	0.347	0.329	5.3%	1856855	0.17	0.17	0.0%	1856865	0.196	0.189	3.6%	1856880	0.363	0.372	2.4%
Tl	1856840	3.8	3.8	0.0%	1856855	0.76	0.72	5.4%	1856865	< 0.5	< 0.5	0.0%	1856880	2.03	2.08	2.4%
Tm	1856840	0.218	0.192	12.7%	1856855	0.243	0.223	8.6%	1856865	0.13	0.14	7.4%	1856880	0.211	0.203	3.9%
U	1856840	1.92	1.87	2.6%	1856855	0.519	0.480	7.8%	1856865	< 0.05	0.05		1856880	1.88	1.94	3.1%
V	1856840	95	96	1.0%	1856855	48	45	6.5%	1856865	120	117	2.5%	1856880	147	143	2.8%
W	1856840	< 1	< 1	0.0%	1856855	< 1	< 1	0.0%	1856865	< 1	< 1	0.0%	1856880	2	2	0.0%
Y	1856840	14.8	13.7	7.7%	1856855	14.9	14.7	1.4%	1856865	8.24	8.14	1.2%	1856880	14.5	15.7	7.9%
Yb	1856840	1.4	1.4	0.0%	1856855	1.77	1.69	4.6%	1856865	0.9	0.9	0.0%	1856880	1.31	1.40	6.6%
Zn	1856840	2120	2160	1.9%	1856855	4310	4190	2.8%	1856865	56	55	1.8%	1856880	106	96	9.9%
Zr	1856840	141	133	5.8%	1856855	81.0	80.2	1.0%	1856865	20.0	18.7	6.7%	1856880	114	118	3.4%
	REPLICATE #9				REPLICATE #10											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	1856890	< 1	< 1	0.0%	1856905	< 1	< 1	0.0%								
Al	1856890	3.73	3.62	3.0%	1856905	4.45	4.57	2.7%								
As	1856890	< 5	< 5	0.0%	1856905	< 5	< 5	0.0%								
B	1856890	< 20	< 20	0.0%	1856905	< 20	< 20	0.0%								
Ba	1856890	250	247	1.2%	1856905	794	809	1.9%								
Be	1856890	< 5	< 5	0.0%	1856905	< 5	< 5	0.0%								
Bi	1856890	0.5	0.2		1856905	0.60	0.54	10.5%								
Ca	1856890	6.26	6.24	0.3%	1856905	3.64	3.76	3.2%								
Cd	1856890	< 0.2	< 0.2	0.0%	1856905	< 0.2	< 0.2	0.0%								
Ce	1856890	3.1	3.2	3.2%	1856905	33.8	37.7	10.9%								
Co	1856890	85.4	85.5	0.1%	1856905	81.6	82.0	0.5%								
Cr	1856890	0.218	0.221	1.4%	1856905	0.190	0.193	1.6%								
Cs	1856890	20.8	21.2	1.9%	1856905	44.5	44.3	0.5%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Brian Newton,FrancisNewton

Cu	1856890	17	20	16.2%	1856905	75	75	0.0%								
Dy	1856890	2.33	2.02	14.3%	1856905	1.65	1.65	0.0%								
Er	1856890	1.72	1.44	17.7%	1856905	0.965	1.05	8.4%								
Eu	1856890	1.07	0.86	21.8%	1856905	0.36	0.33	8.7%								
Fe	1856890	7.80	7.67	1.7%	1856905	7.35	7.58	3.1%								
Ga	1856890	8.71	9.09	4.3%	1856905	13.6	13.5	0.7%								
Gd	1856890	2.18	1.8	19.1%	1856905	2.28	2.34	2.6%								
Ge	1856890	2	2	0.0%	1856905	2	2	0.0%								
Hf	1856890	< 1	< 1	0.0%	1856905	2	2	0.0%								
Ho	1856890	0.52	0.44	16.7%	1856905	0.344	0.363	5.4%								
In	1856890	< 0.2	< 0.2	0.0%	1856905	< 0.2	< 0.2	0.0%								
K	1856890	2.00	1.92	4.1%	1856905	3.57	3.68	3.0%								
La	1856890	1.3	1.3	0.0%	1856905	16.8	18.9	11.8%								
Li	1856890	111	105	5.6%	1856905	197	201	2.0%								
Lu	1856890	0.29	0.25	14.8%	1856905	0.139	0.146	4.9%								
Mg	1856890	10.8	11.2	3.6%	1856905	12.9	13.2	2.3%								
Mn	1856890	2320	2280	1.7%	1856905	947	975	2.9%								
Mo	1856890	< 2	< 2	0.0%	1856905	2	< 2									
Nb	1856890	< 1	< 1	0.0%	1856905	2	2	0.0%								
Nd	1856890	3.5	2.6	29.5%	1856905	15.8	16.4	3.7%								
Ni	1856890	966	950	1.7%	1856905	889	891	0.2%								
P	1856890	< 0.01	< 0.01	0.0%	1856905	0.046	0.039	16.5%								
Pb	1856890	6	6	0.0%	1856905	11	14	24.0%								
Pr	1856890	0.56	0.51	9.3%	1856905	4.00	4.31	7.5%								
Rb	1856890	94.1	93.0	1.2%	1856905	180	181	0.6%								
S	1856890	0.15	0.15	0.0%	1856905	0.52	0.52	0.0%								
Sb	1856890	0.1	0.1	0.0%	1856905	0.43	0.33	26.3%								
Sc	1856890	24	25	4.1%	1856905	23	24	4.3%								
Si	1856890	24.2	23.9	1.2%	1856905	22.2	22.9	3.1%								
Sm	1856890	2.1	1.7	21.1%	1856905	2.53	2.60	2.7%								
Sn	1856890	3	3	0.0%	1856905	2	1									
Sr	1856890	38.1	40.0	4.9%	1856905	35.0	36.2	3.4%								
Ta	1856890	< 0.5	< 0.5	0.0%	1856905	< 0.5	< 0.5	0.0%								
Tb	1856890	0.44	0.38	14.6%	1856905	0.27	0.35	25.8%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Brian Newton,FrancisNewton

Th	1856890	0.3	0.2		1856905	2.0	2.2	9.5%								
Ti	1856890	0.20	0.20	0.0%	1856905	0.30	0.31	3.3%								
Tl	1856890	1.55	1.15	29.6%	1856905	2.4	2.5	4.1%								
Tm	1856890	0.31	0.25	21.4%	1856905	0.159	0.122	26.3%								
U	1856890	0.24	0.20	18.2%	1856905	0.43	0.46	6.7%								
V	1856890	137	145	5.7%	1856905	138	140	1.4%								
W	1856890	< 1	< 1	0.0%	1856905	< 1	< 1	0.0%								
Y	1856890	9.3	10.1	8.2%	1856905	9.0	8.8	2.2%								
Yb	1856890	1.5	1.3	14.3%	1856905	0.9	0.9	0.0%								
Zn	1856890	124	115	7.5%	1856905	110	107	2.8%								
Zr	1856890	18.5	22.7	20.4%	1856905	78.1	72.9	6.9%								

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	1856790	0.001	0.003		1856805	0.002	< 0.001		1856815	< 0.001	0.002		1856830	0.004	0.001	
	REPLICATE #5				REPLICATE #6				REPLICATE #7				REPLICATE #8			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	1856840	0.003	0.003	0.0%	1856855	< 0.001	< 0.001	0.0%	1856865	< 0.001	0.003		1856880	< 0.001	< 0.001	0.0%
	REPLICATE #9				REPLICATE #10											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	1856890	< 0.001	< 0.001	0.0%	1856905	< 0.001	< 0.001	0.0%								

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 20T692059

PROJECT: SURIMEAN BAIRHL

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Brian Newton,FrancisNewton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.GTS-2a)				CRM #3 (ref.WMG-1a)				CRM #4 (ref.Till-2)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag									3.03	3.11	103%	90% - 110%				
Al	8.47	8.3	98%	90% - 110%	6.94	6.9	99%	90% - 110%								
As	26	26	100%	90% - 110%					5.99	7.5	125%	90% - 110%	26	25	96%	90% - 110%
Ba	540	540	100%	90% - 110%												
Be	4.0	3.8	95%	90% - 110%									4.0	3.8	94%	90% - 110%
Ca	0.907	0.92	101%	90% - 110%	4.01	4.11	103%	90% - 110%								
Ce	98	103	105%	90% - 110%									98	99	101%	90% - 110%
Co	15	14	92%	90% - 110%					191	195	102%	90% - 110%	15	14	95%	90% - 110%
Cu	150	157	104%	90% - 110%												
Dy									2.291	2.151	94%	90% - 110%				
Er	3.7	4.0	108%	90% - 110%									3.7	4	108%	90% - 110%
Eu													1.0	1.03	103%	90% - 110%
Fe	3.77	3.88	103%	90% - 110%	7.56	7.94	105%	90% - 110%								
Hf	11	10	90%	90% - 110%									11	10	94%	90% - 110%
K	2.55	2.5	98%	90% - 110%	2.02	2.05	101%	90% - 110%								
La	44	46	105%	90% - 110%					8.47	7.76	92%	90% - 110%	44	44	101%	90% - 110%
Li	47	48	102%	90% - 110%												
Lu	0.6	0.6	94%	90% - 110%									0.6	0.6	96%	90% - 110%
Mg	1.1	1.1	98%	90% - 110%	2.41	2.44	101%	90% - 110%								
Mn	780	785	101%	90% - 110%												
Mo	14	14	100%	90% - 110%					2.49	2.39	96%	90% - 110%	14	13	92%	90% - 110%
Nb	20	19	93%	90% - 110%									20	19	94%	90% - 110%
Nd									9.41	8.84	94%	90% - 110%				
Ni	32	35	109%	90% - 110%												
Pb	31	32	103%	90% - 110%									31	33	108%	90% - 110%
Rb	144	140	97%	90% - 110%									144	149	103%	90% - 110%
Sb	0.8	0.6	80%	90% - 110%									0.8	0.8	99%	90% - 110%
Sc	12	13	106%	90% - 110%												
Si	28.4	29.8	105%	90% - 110%	23.65	25.16	106%	90% - 110%								
Sm	7.4	7.6	103%	90% - 110%					2.211	2.064	93%	90% - 110%	7.4	7.9	107%	90% - 110%
Sr	144	154	107%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Brian Newton,FrancisNewton

Ta	1.9	2.4	127%	90% - 110%									1.9	2.5	129%	90% - 110%
Tb	1.2	1.3	107%	90% - 110%									1.2	1.2	97%	90% - 110%
Th	18.4	19.3	105%	90% - 110%					1.07	1.17	109%	90% - 110%	18.4	18.7	102%	90% - 110%
Ti	0.527	0.525	100%	90% - 110%												
U	5.7	5.5	96%	90% - 110%									5.7	5.2	91%	90% - 110%
V	77	78	101%	90% - 110%												
W	5	5	103%	90% - 110%									5	5	108%	90% - 110%
Y	40	38	94%	90% - 110%					12.67	12.49	99%	90% - 110%	40	36	91%	90% - 110%
Zn	130	128	98%	90% - 110%												
Zr	390	362	93%	90% - 110%									390	394	101%	90% - 110%
	CRM #5 (ref.WMG-1a)				CRM #6 (ref.Till-2)				CRM #7 (ref.GTS-2a)				CRM #8 (ref.Till-2)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	4.75	4.62	97%	90% - 110%	8.47	8.1	96%	90% - 110%	6.94	6.8	98%	90% - 110%	8.47	8.27	98%	90% - 110%
As					26	26	98%	90% - 110%								
Ba	216	232	107%	90% - 110%	540	538	100%	90% - 110%					540	546	101%	90% - 110%
Be					4.0	3.4	84%	90% - 110%								
Ca	10.06	10.22	102%	90% - 110%	0.907	0.896	99%	90% - 110%	4.01	4	100%	90% - 110%	0.907	0.916	101%	90% - 110%
Ce					98	103	105%	90% - 110%								
Co					15	14	94%	90% - 110%								
Cr	0.0804	0.0776	96%	90% - 110%												
Cu	7120	7366	103%	90% - 110%	150	153	102%	90% - 110%					150	155	103%	90% - 110%
Er					3.7	4	107%	90% - 110%								
Fe	12.71	13.24	104%	90% - 110%	3.77	3.86	102%	90% - 110%	7.56	7.75	103%	90% - 110%	3.77	3.97	105%	90% - 110%
Hf					11	12	109%	90% - 110%								
K	0.1021	0.1096	107%	90% - 110%	2.55	2.45	96%	90% - 110%	2.02	1.99	99%	90% - 110%	2.55	2.52	99%	90% - 110%
La					44	46	105%	90% - 110%								
Li					47	49	105%	90% - 110%					47	48	103%	90% - 110%
Lu					0.6	0.6	92%	90% - 110%								
Mg	7.41	7.45	100%	90% - 110%	1.1	1	93%	90% - 110%	2.41	2.35	97%	90% - 110%	1.1	1.1	97%	90% - 110%
Mn					780	794	102%	90% - 110%					780	812	104%	90% - 110%
Mo					14	13	94%	90% - 110%								
Nb					20	18	92%	90% - 110%								
Ni	2480	2533	102%	90% - 110%												
P	0.0731	0.0766	105%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Brian Newton,FrancisNewton

Pb					31	32	103%	90% - 110%								
Rb					144	146	101%	90% - 110%								
Sb					0.8	0.8	100%	90% - 110%								
Sc	21.33	22.68	106%	90% - 110%	12	13	106%	90% - 110%					12	13	107%	90% - 110%
Si	18.27	19.18	105%	90% - 110%	28.4	29.4	104%	90% - 110%	23.65	24.57	104%	90% - 110%	28.4	30	106%	90% - 110%
Sm					7.4	8.0	108%	90% - 110%								
Sr	39.0	39	100%	90% - 110%	144	151	105%	90% - 110%					144	155	108%	90% - 110%
Ta					1.9	2.4	125%	90% - 110%								
Tb					1.2	1.3	105%	90% - 110%								
Th					18.4	19.1	104%	90% - 110%								
Ti	0.419	0.428	102%	90% - 110%	0.527	0.52	99%	90% - 110%					0.527	0.535	102%	90% - 110%
U					5.7	5.3	92%	90% - 110%								
V	158	153	97%	90% - 110%	77	74	96%	90% - 110%					77	80	103%	90% - 110%
W					5	5	101%	90% - 110%								
Y					40	38	95%	90% - 110%								
Zn	112	112	100%	90% - 110%	130	134	103%	90% - 110%					130	121	93%	90% - 110%
Zr					390	363	93%	90% - 110%								
	CRM #9 (ref.GTS-2a)															
Parameter	Expect	Actual	Recovery	Limits												
Al	6.94	6.55	94%	90% - 110%												
Ca	4.01	4.07	101%	90% - 110%												
Fe	7.56	7.84	104%	90% - 110%												
K	2.02	2	99%	90% - 110%												
Mg	2.41	2.39	99%	90% - 110%												
Si	23.65	24.75	105%	90% - 110%												

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

	CRM #1 (ref.GS4L)				CRM #2 (ref.1P5T)				CRM #3 (ref.GS7H)				CRM #4 (ref.GS4L)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	4.01	4.25	106%	90% - 110%	1.75	1.8	103%	90% - 110%	6.56	6.7	102%	90% - 110%	4.01	4.4	110%	90% - 110%
	CRM #5 (ref.1P5T)				CRM #6 (ref.GS7H)											
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Au	1.75	1.87	107%	90% - 110%	6.56	6.45	98%	90% - 110%								

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT ON

AGAT WORK ORDER: 20T692059

PROJECT: SURIMEAN BAIRHL

ATTENTION TO: Brian Newton,FrancisNewton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT ON

AGAT WORK ORDER: 20T692059

PROJECT: SURIMEAN BAIRHL

ATTENTION TO: Brian Newton,FrancisNewton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT ON

AGAT WORK ORDER: 20T692059

PROJECT: SURIMEAN BAIRHL

ATTENTION TO: Brian Newton,FrancisNewton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2020 Surineau DDH Add Samples

AGAT WORK ORDER: 21O724199

SOLID ANALYSIS REVIEWED BY: Jeffrey Xiong, Lab Team Lead

DATE REPORTED: Aug 29, 2021

PAGES (INCLUDING COVER): 24

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O724199

PROJECT: 2020 Surineau DDH Add Samples

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Mar 21, 2021 | DATE RECEIVED: Mar 22, 2021 | DATE REPORTED: Aug 29, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
C029501 (2242168)	3.37
C029502 (2242169)	3.93
C029503 (2242170)	3.79
C029504 (2242171)	3.38
C029505 (2242172)	1.39
C029506 (2242173)	3.84
C029507 (2242174)	3.08
C029508 (2242175)	3.14
C029509 (2242176)	2.11
C029510 (2242177)	1.95
C029511 (2242178)	3.43
C029512 (2242179)	2.08
C029513 (2242180)	2.88
C029514 (2242181)	2.79
C029515 (2242182)	2.55
C029516 (2242183)	2.95
C029517 (2242184)	2.84
C029518 (2242185)	2.07
C029519 (2242186)	1.88
C029520 (2242187)	2.08
C029521 (2242188)	2.26
C029522 (2242189)	1.48
C029523 (2242190)	1.49
C029524 (2242191)	2.04
C029525 (2242192)	1.80
C029526 (2242193)	2.09
C029527 (2242194)	3.35
C029528 (2242195)	3.71
C029529 (2242196)	3.13
C029530 (2242197)	2.50
C029531 (2242198)	2.29

Certified By: [redacted]

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O724199

PROJECT: 2020 Surineau DDH Add Samples

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Mar 21, 2021 | DATE RECEIVED: Mar 22, 2021 | DATE REPORTED: Aug 29, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
C029533 (2242199)	0.78
C029534 (2242200)	2.93
C029535 (2242201)	2.67
C029536 (2242202)	3.26
C029537 (2242203)	3.09
C029538 (2242204)	2.76
C029539 (2242205)	1.74
C029540 (2242206)	2.40
C029541 (2242207)	3.43
C029542 (2242208)	3.91
C029543 (2242209)	3.43
C029544 (2242210)	4.19
C029545 (2242211)	3.38
C029546 (2242212)	3.54
C029547 (2242213)	3.23
C029548 (2242214)	2.71
C029549 (2242215)	0.99
C029550 (2242216)	3.22
C029551 (2242217)	2.94

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: [redacted]

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O724199

PROJECT: 2020 Surineau DDH Add Samples

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 21, 2021 | DATE RECEIVED: Mar 22, 2021 | DATE REPORTED: Aug 29, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
C029501 (2242168)	<1	3.57	<5	<20	9.6	<5	0.4	4.32	<0.2	2.3	86.2	0.234	0.8	32
C029502 (2242169)	<1	3.50	<5	<20	9.6	<5	0.4	3.85	<0.2	2.2	85.0	0.225	0.9	37
C029503 (2242170)	<1	3.66	<5	<20	20.6	<5	0.3	3.58	<0.2	6.3	78.7	0.194	1.2	31
C029504 (2242171)	<1	3.43	<5	<20	9.0	<5	0.4	5.12	<0.2	2.3	85.1	0.228	0.9	91
C029505 (2242172)	<1	3.37	<5	<20	30.4	<5	0.6	4.38	<0.2	2.0	90.9	0.230	2.2	130
C029506 (2242173)	<1	3.51	<5	<20	30.5	<5	0.6	3.13	<0.2	1.7	91.8	0.256	2.7	34
C029507 (2242174)	<1	3.62	<5	<20	140	<5	0.3	4.01	<0.2	1.8	83.3	0.238	9.1	66
C029508 (2242175)	<1	6.63	<5	<20	217	<5	0.5	4.23	<0.2	4.0	153	0.440	6.6	100
C029509 (2242176)	<1	6.29	<5	<20	18.5	<5	0.8	3.92	<0.2	3.4	175	0.438	0.3	131
C029510 (2242177)	<1	8.23	<5	<20	506	<5	0.4	1.27	0.5	48.6	22.4	0.028	2.0	151
C029511 (2242178)	<1	8.27	25	<20	291	<5	0.2	2.17	<0.2	53.4	20.9	0.028	1.8	56
C029512 (2242179)	<1	9.40	<5	<20	715	<5	0.5	1.41	<0.2	61.4	24.9	0.026	6.2	45
C029513 (2242180)	<1	9.34	<5	32	626	<5	0.4	1.27	<0.2	62.4	24.7	0.027	7.4	64
C029514 (2242181)	<1	8.76	<5	<20	757	<5	0.3	1.44	0.3	68.0	23.1	0.023	5.0	60
C029515 (2242182)	<1	8.62	<5	<20	538	<5	0.4	1.36	0.3	71.6	21.8	0.021	3.9	55
C029516 (2242183)	<1	9.09	<5	27	884	<5	0.5	1.62	<0.2	83.7	25.9	0.020	5.7	89
C029517 (2242184)	<1	8.23	<5	<20	685	<5	0.3	1.04	<0.2	64.8	18.1	0.024	5.3	37
C029518 (2242185)	<1	9.04	<5	25	775	<5	0.3	1.10	<0.2	58.1	22.5	0.027	6.2	47
C029519 (2242186)	<1	8.18	<5	<20	488	<5	0.3	1.20	<0.2	56.4	20.2	0.025	4.5	42
C029520 (2242187)	<1	8.94	<5	<20	832	<5	0.4	1.10	<0.2	62.4	25.1	0.028	6.0	50
C029521 (2242188)	2	9.12	<5	<20	761	<5	0.4	1.47	0.2	65.3	23.8	0.026	6.5	53
C029522 (2242189)	<1	8.71	<5	<20	645	<5	0.4	1.30	0.2	66.0	23.4	0.028	6.6	51
C029523 (2242190)	<1	8.63	<5	<20	725	<5	2.0	1.39	<0.2	63.4	23.4	0.027	6.7	47
C029524 (2242191)	<1	9.12	<5	<20	737	<5	0.3	1.21	<0.2	60.2	25.2	0.029	6.9	50
C029525 (2242192)	2	9.02	<5	<20	698	<5	0.2	1.25	<0.2	60.1	24.3	0.027	6.1	51
C029526 (2242193)	1	9.16	<5	<20	688	<5	0.3	1.26	<0.2	58.1	23.0	0.028	6.5	47
C029527 (2242194)	1	9.40	<5	<20	595	<5	0.5	1.74	0.2	69.3	26.2	0.027	6.0	67
C029528 (2242195)	1	10.0	<5	29	773	<5	0.3	1.22	<0.2	63.7	27.8	0.029	5.7	59
C029529 (2242196)	<1	9.95	<5	23	696	<5	0.4	2.03	<0.2	69.5	33.1	0.029	6.2	102
C029530 (2242197)	<1	9.55	<5	<20	479	<5	0.3	3.47	0.2	67.8	33.6	0.032	4.6	66
C029531 (2242198)	2	9.21	<5	<20	631	<5	0.3	1.92	<0.2	68.8	27.3	0.032	3.3	58
C029533 (2242199)	<1	9.19	<5	<20	794	<5	0.3	1.63	<0.2	65.9	28.0	0.032	2.9	66

Certified By: [redacted]

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O724199

PROJECT: 2020 Surineau DDH Add Samples

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 21, 2021 | DATE RECEIVED: Mar 22, 2021 | DATE REPORTED: Aug 29, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
C029534 (2242200)	1	9.45	<5	37	648	<5	0.3	1.26	<0.2	63.8	24.8	0.027	4.6	48
C029535 (2242201)	<1	9.33	<5	25	642	<5	0.3	1.61	<0.2	66.9	25.2	0.028	4.8	48
C029536 (2242202)	1	9.45	<5	<20	751	<5	0.4	1.23	<0.2	62.7	26.6	0.024	4.2	66
C029537 (2242203)	1	8.79	<5	<20	893	<5	0.2	2.20	0.2	70.7	26.7	0.029	4.0	43
C029538 (2242204)	3	9.12	<5	<20	926	<5	0.2	2.07	<0.2	73.9	26.5	0.021	5.4	46
C029539 (2242205)	1	8.96	<5	<20	573	<5	0.3	1.22	<0.2	57.3	20.7	0.025	4.0	41
C029540 (2242206)	<1	9.00	<5	<20	759	<5	0.2	1.11	<0.2	63.6	23.2	0.025	5.7	46
C029541 (2242207)	<1	8.86	<5	22	718	<5	0.3	1.33	<0.2	59.2	21.8	0.028	4.8	50
C029542 (2242208)	<1	9.03	<5	<20	634	<5	0.3	1.23	<0.2	61.5	23.1	0.025	5.2	49
C029543 (2242209)	<1	8.97	<5	<20	507	<5	0.5	1.29	0.2	64.2	22.7	0.025	5.6	54
C029544 (2242210)	<1	9.42	<5	35	616	<5	0.3	1.07	0.2	63.4	25.0	0.026	6.5	52
C029545 (2242211)	<1	9.38	<5	29	652	<5	0.3	1.12	0.2	57.9	23.8	0.028	5.5	48
C029546 (2242212)	<1	8.69	<5	20	465	<5	0.3	1.27	0.2	61.3	21.8	0.025	3.9	48
C029547 (2242213)	<1	9.18	<5	35	626	<5	0.2	1.20	<0.2	64.4	25.0	0.027	5.2	49
C029548 (2242214)	<1	9.61	<5	38	756	<5	0.3	1.21	0.2	61.0	24.8	0.028	6.2	51
C029549 (2242215)	<1	8.80	<5	47	524	<5	0.3	1.43	0.3	60.2	22.2	0.032	4.6	45
C029550 (2242216)	<1	9.01	<5	<20	662	<5	0.2	1.68	<0.2	60.3	22.6	0.028	4.8	47
C029551 (2242217)	<1	9.14	<5	<20	796	<5	0.2	1.60	<0.2	61.8	24.4	0.028	4.1	47

Certified By: [redacted]

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O724199

PROJECT: 2020 Surineau DDH Add Samples

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 21, 2021 | DATE RECEIVED: Mar 22, 2021 | DATE REPORTED: Aug 29, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
C029501 (2242168)	1.31	0.82	0.24	7.70	7.60	0.98	2	<1	0.29	<0.2	<0.05	0.8	<10	0.12
C029502 (2242169)	1.35	0.86	0.19	7.67	7.54	1.09	2	<1	0.29	<0.2	<0.05	0.8	<10	0.12
C029503 (2242170)	1.58	0.99	0.25	7.79	8.01	1.51	2	<1	0.33	<0.2	0.08	2.5	<10	0.13
C029504 (2242171)	1.15	0.77	0.25	7.51	7.81	0.97	2	<1	0.24	<0.2	<0.05	0.8	<10	0.10
C029505 (2242172)	1.19	0.74	0.25	7.39	8.28	0.98	2	<1	0.26	<0.2	0.14	0.7	12	0.11
C029506 (2242173)	1.18	0.74	0.14	7.67	7.92	0.94	2	<1	0.24	<0.2	0.16	0.6	12	0.10
C029507 (2242174)	1.28	0.83	0.17	7.77	7.99	1.06	2	<1	0.27	<0.2	0.75	0.6	37	0.12
C029508 (2242175)	2.54	1.70	0.60	7.95	12.7	2.09	2	<1	0.53	<0.2	0.86	1.5	64	0.22
C029509 (2242176)	2.42	1.51	0.46	5.92	10.7	1.87	1	<1	0.52	<0.2	0.08	1.3	<10	0.21
C029510 (2242177)	2.20	1.21	1.00	2.74	19.1	3.28	2	3	0.42	<0.2	1.92	23.4	52	0.17
C029511 (2242178)	2.45	1.33	1.02	3.06	18.3	3.67	3	3	0.47	<0.2	1.44	25.7	37	0.18
C029512 (2242179)	2.64	1.44	1.15	4.86	22.2	4.04	2	3	0.51	<0.2	2.52	29.2	63	0.21
C029513 (2242180)	2.72	1.51	1.16	4.79	21.9	3.93	1	3	0.55	<0.2	2.65	29.7	64	0.21
C029514 (2242181)	2.75	1.45	1.17	4.37	21.6	4.35	1	4	0.53	<0.2	2.43	32.3	56	0.20
C029515 (2242182)	2.68	1.38	1.89	4.27	20.4	4.46	1	4	0.50	<0.2	2.05	34.5	52	0.19
C029516 (2242183)	3.65	1.96	1.33	5.05	22.8	5.64	2	4	0.69	<0.2	3.30	39.4	52	0.28
C029517 (2242184)	2.74	1.53	0.86	3.67	19.1	3.94	1	4	0.52	<0.2	2.25	31.1	38	0.21
C029518 (2242185)	2.80	1.62	1.01	4.38	20.4	3.93	1	3	0.55	<0.2	2.47	27.8	43	0.21
C029519 (2242186)	2.46	1.37	0.98	3.71	18.8	3.60	1	4	0.46	<0.2	1.78	27.6	36	0.19
C029520 (2242187)	2.92	1.59	0.97	4.47	22.1	4.20	1	4	0.57	<0.2	2.81	29.9	41	0.23
C029521 (2242188)	2.89	1.55	1.16	4.78	21.2	4.46	1	4	0.55	<0.2	2.69	30.7	43	0.22
C029522 (2242189)	2.80	1.48	1.08	4.30	21.0	4.13	1	4	0.53	<0.2	2.29	31.9	39	0.21
C029523 (2242190)	2.73	1.47	1.06	4.45	19.2	4.06	1	4	0.51	<0.2	2.25	30.9	41	0.20
C029524 (2242191)	2.62	1.42	0.95	4.53	22.0	3.81	1	3	0.50	<0.2	2.54	29.4	42	0.19
C029525 (2242192)	2.66	1.42	1.00	4.38	21.0	3.85	1	3	0.49	<0.2	2.27	29.3	42	0.20
C029526 (2242193)	2.62	1.38	0.97	4.53	20.4	3.74	1	3	0.48	<0.2	2.32	28.3	45	0.19
C029527 (2242194)	3.12	1.67	1.36	4.94	21.8	4.65	2	3	0.60	<0.2	2.48	33.3	54	0.23
C029528 (2242195)	3.16	1.86	1.08	5.44	23.7	4.36	2	3	0.64	<0.2	2.98	30.9	58	0.25
C029529 (2242196)	3.59	2.00	1.49	6.47	22.2	5.15	2	3	0.69	<0.2	3.06	33.5	60	0.29
C029530 (2242197)	3.66	2.02	1.59	7.09	21.0	5.39	2	3	0.72	<0.2	2.63	33.0	50	0.28
C029531 (2242198)	3.21	1.70	1.27	5.29	21.7	4.70	2	4	0.61	<0.2	2.35	32.5	55	0.23
C029533 (2242199)	3.18	1.71	1.37	5.71	21.7	4.72	2	3	0.61	<0.2	2.07	31.4	56	0.24

Certified By: [redacted]

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O724199

PROJECT: 2020 Surineau DDH Add Samples

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 21, 2021 | DATE RECEIVED: Mar 22, 2021 | DATE REPORTED: Aug 29, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
C029534 (2242200)	2.91	1.60	1.12	4.72	21.4	4.14	2	3	0.57	<0.2	2.63	30.7	38	0.22
C029535 (2242201)	2.96	1.58	1.22	4.73	21.8	4.47	2	3	0.56	<0.2	2.52	32.8	42	0.22
C029536 (2242202)	2.93	1.60	1.26	4.84	22.6	4.16	1	3	0.56	<0.2	2.72	30.4	65	0.22
C029537 (2242203)	3.26	1.76	1.31	4.88	20.5	5.12	2	4	0.64	<0.2	2.52	33.6	47	0.24
C029538 (2242204)	3.19	1.58	1.32	5.49	24.6	4.90	2	4	0.58	<0.2	2.82	34.3	56	0.22
C029539 (2242205)	2.59	1.45	0.99	4.22	20.0	3.77	1	4	0.51	<0.2	1.99	27.6	41	0.20
C029540 (2242206)	2.66	1.43	1.08	4.22	21.4	3.94	1	4	0.51	<0.2	2.35	30.1	38	0.20
C029541 (2242207)	2.48	1.35	1.02	4.31	19.7	3.69	1	4	0.49	<0.2	2.28	28.3	37	0.19
C029542 (2242208)	2.63	1.41	1.03	4.35	21.6	3.87	1	4	0.48	<0.2	2.23	29.7	38	0.20
C029543 (2242209)	2.65	1.45	1.12	3.97	20.5	4.02	1	4	0.51	<0.2	2.13	31.1	33	0.21
C029544 (2242210)	2.82	1.55	1.10	4.68	22.0	4.09	1	4	0.53	<0.2	2.66	30.7	42	0.21
C029545 (2242211)	2.72	1.55	1.05	4.55	21.9	3.79	1	3	0.54	<0.2	2.43	27.9	43	0.21
C029546 (2242212)	2.66	1.48	1.16	4.10	19.6	4.06	2	4	0.53	<0.2	1.74	30.7	40	0.20
C029547 (2242213)	2.87	1.63	1.11	4.49	22.2	4.32	1	4	0.57	<0.2	2.31	31.2	42	0.23
C029548 (2242214)	2.93	1.59	1.11	4.96	22.7	4.24	2	4	0.56	<0.2	2.96	30.3	45	0.23
C029549 (2242215)	2.51	1.38	1.06	4.32	19.7	3.74	1	4	0.48	<0.2	2.01	29.2	34	0.19
C029550 (2242216)	2.84	1.56	1.03	4.32	21.0	3.99	1	4	0.54	<0.2	2.30	28.9	39	0.22
C029551 (2242217)	2.90	1.64	1.04	4.82	21.4	4.13	1	4	0.57	<0.2	2.59	29.5	47	0.22

Certified By: [redacted]

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O724199

PROJECT: 2020 Surineau DDH Add Samples

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 21, 2021 | DATE RECEIVED: Mar 22, 2021 | DATE REPORTED: Aug 29, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
C029501 (2242168)	14.8	1310	<2	<1	2.0	1110	<0.01	<5	0.35	1.2	0.20	<0.1	24	21.8
C029502 (2242169)	14.6	1300	<2	1	2.1	1080	<0.01	<5	0.35	3.2	0.16	<0.1	24	21.3
C029503 (2242170)	14.5	1250	<2	<1	4.5	864	0.03	<5	0.89	4.1	0.12	<0.1	26	22.8
C029504 (2242171)	14.1	1350	<2	<1	1.9	1140	<0.01	<5	0.35	2.3	0.30	<0.1	24	22.6
C029505 (2242172)	14.1	1240	<2	1	1.9	1290	<0.01	<5	0.34	6.7	0.37	<0.1	24	23.1
C029506 (2242173)	14.7	1370	<2	<1	1.7	1320	<0.01	<5	0.29	9.6	0.14	<0.1	23	23.5
C029507 (2242174)	14.1	1360	<2	1	1.9	1030	<0.01	<5	0.32	36.9	0.28	<0.1	26	23.5
C029508 (2242175)	5.14	2110	4	1	3.6	1830	<0.01	7	0.65	34.1	0.24	<0.1	45	26.8
C029509 (2242176)	4.38	1910	<2	1	3.3	2310	0.02	5	0.55	1.4	0.36	<0.1	41	28.2
C029510 (2242177)	1.01	249	12	5	21.9	105	0.04	21	5.52	68.8	1.31	<0.1	13	34.4
C029511 (2242178)	1.62	501	7	5	24.3	90	0.05	36	6.09	54.8	2.68	0.1	13	32.6
C029512 (2242179)	2.09	580	5	6	28.7	99	0.07	19	7.14	106	0.33	<0.1	19	30.0
C029513 (2242180)	1.99	539	6	6	28.4	101	0.05	17	7.08	119	0.41	<0.1	19	30.5
C029514 (2242181)	1.99	534	8	7	31.8	87	0.08	19	7.94	104	0.46	<0.1	17	30.0
C029515 (2242182)	1.89	548	7	6	33.6	71	0.08	16	8.30	82.7	0.45	<0.1	15	31.1
C029516 (2242183)	2.20	763	6	7	39.9	72	0.11	18	9.92	125	0.54	<0.1	20	29.9
C029517 (2242184)	1.60	454	9	6	28.6	67	0.04	12	7.34	83.8	0.16	<0.1	13	33.1
C029518 (2242185)	1.71	501	7	6	27.5	88	0.06	12	6.76	90.6	0.15	<0.1	17	31.8
C029519 (2242186)	1.51	519	7	5	26.0	72	0.06	14	6.53	63.8	0.16	<0.1	13	32.1
C029520 (2242187)	1.83	496	9	6	29.0	103	0.06	11	7.31	98.0	0.18	<0.1	18	30.2
C029521 (2242188)	2.10	607	7	6	31.1	87	0.08	15	7.69	104	0.25	<0.1	18	31.3
C029522 (2242189)	1.69	496	8	6	29.5	80	0.06	13	7.66	88.2	0.24	<0.1	16	31.5
C029523 (2242190)	1.87	556	8	6	28.6	87	0.05	15	7.23	88.1	0.18	<0.1	16	31.8
C029524 (2242191)	1.90	554	7	6	27.2	96	0.06	14	7.00	93.8	0.18	<0.1	17	32.1
C029525 (2242192)	1.76	519	7	6	27.4	87	0.05	11	6.88	85.4	0.17	<0.1	17	32.3
C029526 (2242193)	1.85	586	7	6	26.5	92	0.06	13	6.74	84.9	0.20	<0.1	17	32.7
C029527 (2242194)	2.28	656	6	6	32.6	106	0.08	19	8.06	98.3	0.46	<0.1	20	31.0
C029528 (2242195)	2.47	625	7	7	30.5	116	0.06	20	7.56	114	0.37	<0.1	22	31.1
C029529 (2242196)	2.89	658	6	6	33.4	112	0.09	17	8.25	124	0.54	<0.1	27	29.0
C029530 (2242197)	3.41	1030	4	6	34.2	98	0.10	20	8.20	113	0.41	<0.1	30	29.5
C029531 (2242198)	2.32	667	6	6	32.5	109	0.08	19	8.17	102	0.32	<0.1	21	31.0
C029533 (2242199)	2.86	833	4	6	32.0	128	0.07	23	7.82	88.2	0.20	<0.1	20	30.1

Certified By: [redacted]

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O724199

PROJECT: 2020 Surineau DDH Add Samples

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 21, 2021 | DATE RECEIVED: Mar 22, 2021 | DATE REPORTED: Aug 29, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
C029534 (2242200)	1.90	621	6	6	29.0	102	0.05	16	7.38	97.8	0.16	<0.1	18	32.1
C029535 (2242201)	2.03	613	8	6	31.1	98	0.07	17	7.79	97.8	0.20	<0.1	19	31.1
C029536 (2242202)	2.10	521	5	6	29.5	111	0.04	18	7.35	105	0.36	<0.1	20	29.9
C029537 (2242203)	2.65	741	6	6	34.7	85	0.12	14	8.50	93.8	0.18	<0.1	22	31.9
C029538 (2242204)	2.64	788	4	6	36.6	78	0.15	12	8.86	101	0.34	<0.1	21	29.0
C029539 (2242205)	1.73	550	6	6	26.5	84	0.05	14	6.72	71.1	0.16	<0.1	16	32.5
C029540 (2242206)	1.83	504	6	6	28.8	89	0.07	12	7.33	86.5	0.22	<0.1	17	32.4
C029541 (2242207)	1.84	552	7	6	26.6	83	0.04	15	6.73	80.2	0.21	<0.1	16	32.9
C029542 (2242208)	1.83	530	6	6	28.0	89	0.06	15	7.18	81.9	0.19	<0.1	16	33.3
C029543 (2242209)	1.61	502	7	6	29.5	89	0.07	13	7.41	80.0	0.27	<0.1	15	33.4
C029544 (2242210)	1.91	530	6	6	29.4	96	0.07	10	7.33	94.6	0.20	<0.1	18	32.5
C029545 (2242211)	1.90	512	6	6	26.6	92	0.07	9	6.70	88.7	0.16	<0.1	18	32.9
C029546 (2242212)	1.71	562	6	6	28.3	84	0.07	15	7.11	67.1	0.22	<0.1	14	34.2
C029547 (2242213)	1.78	527	7	6	30.3	93	0.06	11	7.51	82.1	0.19	<0.1	17	33.0
C029548 (2242214)	2.02	527	7	6	29.9	102	0.06	11	7.51	111	0.15	<0.1	20	32.6
C029549 (2242215)	1.78	529	9	6	27.6	79	0.06	11	6.91	67.0	0.20	<0.1	15	33.9
C029550 (2242216)	1.83	555	9	6	28.0	89	0.04	20	7.03	81.9	0.16	<0.1	16	34.1
C029551 (2242217)	2.00	634	8	7	29.7	94	0.05	16	7.29	93.2	0.17	<0.1	18	31.9

Certified By: [redacted]

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O724199

PROJECT: 2020 Surineau DDH Add Samples

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 21, 2021 | DATE RECEIVED: Mar 22, 2021 | DATE REPORTED: Aug 29, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
C029501 (2242168)	0.7	<1	113	1.9	0.19	<0.1	0.21	<0.5	0.11	0.06	129	<1	6.9	0.8
C029502 (2242169)	0.7	<1	99.8	2.9	0.19	<0.1	0.22	<0.5	0.11	<0.05	127	<1	6.9	0.8
C029503 (2242170)	1.2	<1	54.7	1.6	0.25	0.4	0.22	<0.5	0.13	0.10	133	<1	7.8	0.9
C029504 (2242171)	0.7	<1	101	1.5	0.17	<0.1	0.20	<0.5	0.10	<0.05	124	<1	6.0	0.7
C029505 (2242172)	0.7	<1	34.9	2.9	0.18	<0.1	0.20	<0.5	0.10	0.05	116	<1	5.9	0.7
C029506 (2242173)	0.7	<1	17.9	1.5	0.17	<0.1	0.20	<0.5	0.10	<0.05	123	<1	5.5	0.7
C029507 (2242174)	0.7	<1	23.3	2.6	0.20	<0.1	0.21	0.5	0.11	<0.05	131	<1	6.6	0.8
C029508 (2242175)	1.3	1	126	3.3	0.38	0.1	0.38	0.6	0.23	<0.05	261	<1	13.2	1.7
C029509 (2242176)	1.2	<1	114	2.8	0.34	<0.1	0.32	<0.5	0.23	<0.05	194	<1	12.1	1.5
C029510 (2242177)	3.9	7	95.5	2.8	0.45	6.9	0.32	3.7	0.17	2.06	87	1	10.8	1.2
C029511 (2242178)	4.4	3	170	2.0	0.49	6.8	0.32	2.2	0.17	2.04	89	<1	11.9	1.3
C029512 (2242179)	4.9	1	414	3.1	0.53	7.0	0.40	0.9	0.20	2.04	133	<1	12.4	1.4
C029513 (2242180)	4.9	1	281	2.5	0.55	7.2	0.38	0.8	0.22	2.19	132	<1	12.9	1.5
C029514 (2242181)	5.4	1	393	3.3	0.58	7.2	0.39	0.8	0.20	2.09	123	<1	13.2	1.4
C029515 (2242182)	5.6	1	381	3.2	0.54	6.9	0.42	0.6	0.19	1.93	114	<1	12.2	1.3
C029516 (2242183)	7.0	2	394	2.4	0.73	9.7	0.39	0.8	0.27	2.83	137	<1	17.3	1.9
C029517 (2242184)	5.1	2	306	2.4	0.54	8.9	0.31	0.5	0.22	2.59	87	<1	13.2	1.5
C029518 (2242185)	4.8	1	303	2.9	0.56	7.4	0.37	0.5	0.23	2.14	118	<1	14.1	1.6
C029519 (2242186)	4.4	<1	348	2.0	0.46	7.2	0.32	<0.5	0.20	2.25	93	<1	11.5	1.3
C029520 (2242187)	5.0	1	262	3.1	0.56	7.7	0.37	0.6	0.23	2.20	124	1	13.3	1.6
C029521 (2242188)	5.6	1	348	2.6	0.59	7.2	0.41	0.6	0.22	2.17	122	<1	13.4	1.5
C029522 (2242189)	5.0	1	337	2.8	0.54	8.1	0.36	0.5	0.20	2.41	109	<1	12.8	1.4
C029523 (2242190)	4.9	<1	386	2.7	0.54	7.6	0.37	0.6	0.20	2.27	114	<1	12.4	1.4
C029524 (2242191)	4.8	1	297	2.0	0.52	7.3	0.38	0.5	0.20	2.11	121	<1	12.6	1.4
C029525 (2242192)	4.7	1	315	3.3	0.52	7.1	0.37	<0.5	0.20	2.10	119	<1	12.7	1.4
C029526 (2242193)	4.5	1	308	2.5	0.50	7.0	0.38	<0.5	0.20	2.12	118	<1	12.0	1.4
C029527 (2242194)	5.6	1	291	3.2	0.62	7.6	0.40	0.9	0.24	2.29	137	<1	14.7	1.7
C029528 (2242195)	5.4	1	208	4.4	0.62	7.5	0.42	0.9	0.26	2.24	152	<1	15.2	1.8
C029529 (2242196)	6.2	1	324	3.1	0.71	7.5	0.47	1.0	0.28	2.22	182	<1	16.8	1.9
C029530 (2242197)	6.3	1	390	3.4	0.73	6.6	0.51	0.8	0.29	1.92	196	<1	17.5	1.9
C029531 (2242198)	5.6	1	303	2.8	0.62	7.6	0.40	0.8	0.24	2.32	140	<1	15.3	1.6
C029533 (2242199)	5.7	1	443	2.9	0.62	7.1	0.42	0.7	0.25	2.05	144	<1	14.6	1.7

Certified By: [redacted]

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O724199

PROJECT: 2020 Surineau DDH Add Samples

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 21, 2021 | DATE RECEIVED: Mar 22, 2021 | DATE REPORTED: Aug 29, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
C029534 (2242200)	5.1	1	228	3.1	0.56	7.3	0.38	0.7	0.22	2.17	127	<1	13.9	1.5
C029535 (2242201)	5.3	1	333	2.4	0.58	7.4	0.38	0.7	0.23	2.14	130	<1	13.8	1.5
C029536 (2242202)	5.2	2	367	3.4	0.57	7.6	0.40	0.8	0.21	2.14	139	<1	13.5	1.6
C029537 (2242203)	6.3	1	310	3.5	0.67	8.0	0.40	0.7	0.24	2.36	146	<1	15.4	1.7
C029538 (2242204)	6.5	1	501	3.0	0.64	6.2	0.49	0.6	0.23	1.81	164	<1	14.6	1.6
C029539 (2242205)	4.6	<1	350	3.9	0.51	7.3	0.36	<0.5	0.19	2.22	108	<1	12.2	1.4
C029540 (2242206)	4.9	1	317	2.5	0.55	7.5	0.36	<0.5	0.21	2.19	112	<1	12.7	1.5
C029541 (2242207)	4.5	1	300	2.4	0.49	7.2	0.36	<0.5	0.19	2.17	116	<1	11.5	1.4
C029542 (2242208)	4.7	1	303	3.8	0.52	7.5	0.37	<0.5	0.19	2.19	114	<1	12.1	1.4
C029543 (2242209)	5.0	<1	326	2.3	0.56	7.8	0.34	<0.5	0.20	2.31	101	<1	12.6	1.4
C029544 (2242210)	5.1	<1	259	3.4	0.55	7.4	0.39	0.5	0.21	2.22	129	<1	12.9	1.5
C029545 (2242211)	4.6	1	294	2.8	0.52	7.2	0.38	<0.5	0.22	2.09	127	<1	13.2	1.5
C029546 (2242212)	4.9	<1	324	3.3	0.55	7.7	0.35	<0.5	0.19	2.35	101	<1	13.6	1.5
C029547 (2242213)	5.1	1	269	2.5	0.58	8.1	0.38	<0.5	0.23	2.47	117	<1	14.0	1.6
C029548 (2242214)	5.2	1	290	2.9	0.57	7.2	0.40	0.6	0.23	2.31	136	<1	13.8	1.6
C029549 (2242215)	4.7	<1	356	2.8	0.50	7.8	0.36	<0.5	0.19	2.35	113	<1	12.0	1.3
C029550 (2242216)	4.8	<1	299	2.5	0.55	7.6	0.36	<0.5	0.23	2.29	113	<1	13.6	1.5
C029551 (2242217)	5.2	1	295	3.8	0.57	7.6	0.40	0.5	0.22	2.28	124	<1	13.9	1.6

Certified By: [redacted]

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O724199

PROJECT: 2020 Surineau DDH Add Samples

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 21, 2021 | DATE RECEIVED: Mar 22, 2021 | DATE REPORTED: Aug 29, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
C029501 (2242168)	53	20.0
C029502 (2242169)	46	18.4
C029503 (2242170)	56	23.1
C029504 (2242171)	55	14.1
C029505 (2242172)	60	16.3
C029506 (2242173)	66	15.0
C029507 (2242174)	67	14.9
C029508 (2242175)	100	28.3
C029509 (2242176)	96	24.1
C029510 (2242177)	186	125
C029511 (2242178)	109	124
C029512 (2242179)	119	125
C029513 (2242180)	105	119
C029514 (2242181)	154	130
C029515 (2242182)	155	129
C029516 (2242183)	173	143
C029517 (2242184)	84	134
C029518 (2242185)	86	124
C029519 (2242186)	69	133
C029520 (2242187)	81	128
C029521 (2242188)	88	127
C029522 (2242189)	123	133
C029523 (2242190)	107	128
C029524 (2242191)	75	125
C029525 (2242192)	109	125
C029526 (2242193)	94	120
C029527 (2242194)	140	126
C029528 (2242195)	138	121
C029529 (2242196)	118	120
C029530 (2242197)	109	108
C029531 (2242198)	92	133
C029533 (2242199)	149	116

Certified By: [redacted]

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O724199

PROJECT: 2020 Surineau DDH Add Samples

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 21, 2021 | DATE RECEIVED: Mar 22, 2021 | DATE REPORTED: Aug 29, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
C029534 (2242200)	80	124
C029535 (2242201)	78	122
C029536 (2242202)	119	119
C029537 (2242203)	84	134
C029538 (2242204)	103	137
C029539 (2242205)	78	126
C029540 (2242206)	91	127
C029541 (2242207)	79	125
C029542 (2242208)	72	135
C029543 (2242209)	84	134
C029544 (2242210)	90	127
C029545 (2242211)	97	124
C029546 (2242212)	82	133
C029547 (2242213)	95	142
C029548 (2242214)	116	124
C029549 (2242215)	131	133
C029550 (2242216)	75	128
C029551 (2242217)	114	131

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: [redacted]

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O724199

PROJECT: 2020 Surineau DDH Add Samples

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Mar 21, 2021 | DATE RECEIVED: Mar 22, 2021 | DATE REPORTED: Aug 29, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Au
Unit:	ppm
Sample ID (AGAT ID) RDL:	0.001
C029501 (2242168)	0.010
C029502 (2242169)	<0.001
C029503 (2242170)	<0.001
C029504 (2242171)	<0.001
C029505 (2242172)	<0.001
C029506 (2242173)	<0.001
C029507 (2242174)	<0.001
C029508 (2242175)	<0.001
C029509 (2242176)	0.002
C029510 (2242177)	<0.001
C029511 (2242178)	<0.001
C029512 (2242179)	<0.001
C029513 (2242180)	<0.001
C029514 (2242181)	<0.001
C029515 (2242182)	<0.001
C029516 (2242183)	0.001
C029517 (2242184)	0.010
C029518 (2242185)	0.002
C029519 (2242186)	<0.001
C029520 (2242187)	0.001
C029521 (2242188)	0.002
C029522 (2242189)	0.002
C029523 (2242190)	0.007
C029524 (2242191)	<0.001
C029525 (2242192)	<0.001
C029526 (2242193)	0.006
C029527 (2242194)	0.001
C029528 (2242195)	0.002
C029529 (2242196)	0.002
C029530 (2242197)	0.001
C029531 (2242198)	0.001
C029533 (2242199)	<0.001

Certified By: [redacted]

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O724199

PROJECT: 2020 Surineau DDH Add Samples

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Mar 21, 2021 | DATE RECEIVED: Mar 22, 2021 | DATE REPORTED: Aug 29, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Au
Unit:	ppm
Sample ID (AGAT ID) RDL:	0.001
C029534 (2242200)	<0.001
C029535 (2242201)	<0.001
C029536 (2242202)	0.001
C029537 (2242203)	0.002
C029538 (2242204)	0.009
C029539 (2242205)	0.001
C029540 (2242206)	0.001
C029541 (2242207)	<0.001
C029542 (2242208)	0.001
C029543 (2242209)	0.002
C029544 (2242210)	0.002
C029545 (2242211)	<0.001
C029546 (2242212)	<0.001
C029547 (2242213)	0.005
C029548 (2242214)	<0.001
C029549 (2242215)	<0.001
C029550 (2242216)	0.001
C029551 (2242217)	<0.001

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: [redacted]

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O724199

PROJECT: 2020 Surineau DDH Add Samples

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 21, 2021 | DATE RECEIVED: Mar 22, 2021 | DATE REPORTED: Aug 29, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
C029501 (2242168)	80.00
C029520 (2242187)	82.06
C029541 (2242207)	84.06

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: [redacted]

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O724199

PROJECT: 2020 Surineau DDH Add Samples

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Mar 21, 2021 | DATE RECEIVED: Mar 22, 2021 | DATE REPORTED: Aug 29, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
C029501 (2242168)	89.87
C029527 (2242194)	87.78
C029543 (2242209)	89.71

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: [redacted]

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O724199

PROJECT: 2020 Surineau DDH Add Samples

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2242168	< 1	< 1	0.0%	2242182	< 1	< 1	0.0%	2242193	1	1	0.0%	2242208	< 1	< 1	0.0%
Al	2242168	3.57	3.41	4.6%	2242182	8.62	8.65	0.3%	2242193	9.16	9.16	0.0%	2242208	9.03	8.89	1.6%
As	2242168	< 5	< 5	0.0%	2242182	< 5	< 5	0.0%	2242193	< 5	< 5	0.0%	2242208	< 5	< 5	0.0%
B	2242168	< 20	< 20	0.0%	2242182	< 20	< 20	0.0%	2242193	< 20	< 20	0.0%	2242208	< 20	< 20	0.0%
Ba	2242168	9.61	7.65	22.7%	2242182	538	549	2.0%	2242193	688	735	6.6%	2242208	634	631	0.5%
Be	2242168	< 5	< 5	0.0%	2242182	< 5	< 5	0.0%	2242193	< 5	< 5	0.0%	2242208	< 5	< 5	0.0%
Bi	2242168	0.4	0.4	0.0%	2242182	0.35	0.34	2.9%	2242193	0.3	0.3	0.0%	2242208	0.3	0.3	0.0%
Ca	2242168	4.32	4.25	1.6%	2242182	1.36	1.37	0.7%	2242193	1.26	1.31	3.9%	2242208	1.23	1.19	3.3%
Cd	2242168	< 0.2	< 0.2	0.0%	2242182	0.3	0.3	0.0%	2242193	< 0.2	< 0.2	0.0%	2242208	< 0.2	< 0.2	0.0%
Ce	2242168	2.3	2.3	0.0%	2242182	71.6	71.2	0.6%	2242193	58.1	62.8	7.8%	2242208	61.5	60.4	1.8%
Co	2242168	86.2	84.6	1.9%	2242182	21.8	20.9	4.2%	2242193	23.0	24.1	4.7%	2242208	23.1	22.7	1.7%
Cr	2242168	0.234	0.226	3.5%	2242182	0.0213	0.0221	3.7%	2242193	0.028	0.030	6.9%	2242208	0.025	0.025	0.0%
Cs	2242168	0.81	0.86	6.0%	2242182	3.9	3.9	0.0%	2242193	6.5	6.6	1.5%	2242208	5.2	5.2	0.0%
Cu	2242168	32	31	3.2%	2242182	55	56	1.8%	2242193	47	51	8.2%	2242208	49	49	0.0%
Dy	2242168	1.31	1.31	0.0%	2242182	2.68	2.66	0.7%	2242193	2.62	2.64	0.8%	2242208	2.63	2.57	2.3%
Er	2242168	0.824	0.856	3.8%	2242182	1.38	1.35	2.2%	2242193	1.38	1.51	9.0%	2242208	1.41	1.53	8.2%
Eu	2242168	0.243	0.224	8.1%	2242182	1.89	1.25		2242193	0.97	0.97	0.0%	2242208	1.03	0.99	4.0%
Fe	2242168	7.70	7.56	1.8%	2242182	4.27	4.22	1.2%	2242193	4.53	4.66	2.8%	2242208	4.35	4.21	3.3%
Ga	2242168	7.60	7.74	1.8%	2242182	20.4	20.3	0.5%	2242193	20.4	21.4	4.8%	2242208	21.6	21.2	1.9%
Gd	2242168	0.98	1.10	11.5%	2242182	4.46	4.34	2.7%	2242193	3.74	4.12	9.7%	2242208	3.87	3.85	0.5%
Ge	2242168	2	2	0.0%	2242182	1	1	0.0%	2242193	1	1	0.0%	2242208	1	1	0.0%
Hf	2242168	< 1	< 1	0.0%	2242182	4	4	0.0%	2242193	3	4	28.6%	2242208	4	4	0.0%
Ho	2242168	0.29	0.29	0.0%	2242182	0.50	0.50	0.0%	2242193	0.482	0.519	7.4%	2242208	0.484	0.511	5.4%
In	2242168	< 0.2	< 0.2	0.0%	2242182	< 0.2	< 0.2	0.0%	2242193	< 0.2	< 0.2	0.0%	2242208	< 0.2	< 0.2	0.0%
K	2242168	< 0.05	< 0.05	0.0%	2242182	2.05	2.05	0.0%	2242193	2.32	2.32	0.0%	2242208	2.23	2.19	1.8%
La	2242168	0.8	0.8	0.0%	2242182	34.5	34.5	0.0%	2242193	28.3	30.7	8.1%	2242208	29.7	29.3	1.4%
Li	2242168	< 10	< 10	0.0%	2242182	52	51	1.9%	2242193	45	46	2.2%	2242208	38	38	0.0%
Lu	2242168	0.117	0.110	6.2%	2242182	0.194	0.184	5.3%	2242193	0.191	0.198	3.6%	2242208	0.20	0.21	4.9%
Mg	2242168	14.8	14.6	1.4%	2242182	1.89	1.91	1.1%	2242193	1.85	1.87	1.1%	2242208	1.83	1.79	2.2%
Mn	2242168	1310	1260	3.9%	2242182	548	548	0.0%	2242193	586	576	1.7%	2242208	530	522	1.5%
Mo	2242168	< 2	< 2	0.0%	2242182	7	6	15.4%	2242193	7	7	0.0%	2242208	6	6	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2242168	< 1	< 1	0.0%	2242182	6	6	0.0%	2242193	6	6	0.0%	2242208	6	6	0.0%
Nd	2242168	2.04	2.05	0.5%	2242182	33.6	33.3	0.9%	2242193	26.5	29.0	9.0%	2242208	28.0	27.5	1.8%
Ni	2242168	1110	1070	3.7%	2242182	71	69	2.9%	2242193	92	100	8.3%	2242208	89	90	1.1%
P	2242168	< 0.01	< 0.01	0.0%	2242182	0.08	0.08	0.0%	2242193	0.059	0.054	8.8%	2242208	0.06	0.04	
Pb	2242168	< 5	< 5	0.0%	2242182	16	17	6.1%	2242193	13	14	7.4%	2242208	15	15	0.0%
Pr	2242168	0.353	0.360	2.0%	2242182	8.30	8.23	0.8%	2242193	6.74	7.31	8.1%	2242208	7.18	6.91	3.8%
Rb	2242168	1.2	2.8		2242182	82.7	80.9	2.2%	2242193	84.9	87.5	3.0%	2242208	81.9	81.6	0.4%
S	2242168	0.20	0.19	5.1%	2242182	0.454	0.461	1.5%	2242193	0.201	0.208	3.4%	2242208	0.190	0.184	3.2%
Sb	2242168	< 0.1	0.1		2242182	< 0.1	< 0.1	0.0%	2242193	< 0.1	< 0.1	0.0%	2242208	< 0.1	< 0.1	0.0%
Sc	2242168	24	24	0.0%	2242182	15	16	6.5%	2242193	17	18	5.7%	2242208	16	16	0.0%
Si	2242168	21.8	21.4	1.9%	2242182	31.1	31.0	0.3%	2242193	32.7	32.7	0.0%	2242208	33.3	32.8	1.5%
Sm	2242168	0.7	0.7	0.0%	2242182	5.55	5.53	0.4%	2242193	4.5	5.0	10.5%	2242208	4.7	4.7	0.0%
Sn	2242168	< 1	< 1	0.0%	2242182	1	1	0.0%	2242193	1	1	0.0%	2242208	1	1	0.0%
Sr	2242168	113	109	3.6%	2242182	381	381	0.0%	2242193	308	308	0.0%	2242208	303	299	1.3%
Ta	2242168	1.87	1.84	1.6%	2242182	3.19	2.40	28.3%	2242193	2.55	3.38	28.0%	2242208	3.8	2.4	
Tb	2242168	0.19	0.20	5.1%	2242182	0.545	0.557	2.2%	2242193	0.50	0.53	5.8%	2242208	0.524	0.530	1.1%
Th	2242168	< 0.1	< 0.1	0.0%	2242182	6.9	6.8	1.5%	2242193	7.03	7.36	4.6%	2242208	7.46	7.38	1.1%
Ti	2242168	0.211	0.219	3.7%	2242182	0.415	0.410	1.2%	2242193	0.379	0.386	1.8%	2242208	0.367	0.360	1.9%
Tl	2242168	< 0.5	< 0.5	0.0%	2242182	0.6	0.6	0.0%	2242193	< 0.5	< 0.5	0.0%	2242208	< 0.5	< 0.5	0.0%
Tm	2242168	0.11	0.11	0.0%	2242182	0.19	0.19	0.0%	2242193	0.202	0.206	2.0%	2242208	0.19	0.20	5.1%
U	2242168	0.055	0.043	24.5%	2242182	1.93	1.96	1.5%	2242193	2.12	2.31	8.6%	2242208	2.19	2.18	0.5%
V	2242168	129	123	4.8%	2242182	114	118	3.4%	2242193	118	125	5.8%	2242208	114	113	0.9%
W	2242168	< 1	< 1	0.0%	2242182	< 1	< 1	0.0%	2242193	< 1	< 1	0.0%	2242208	< 1	< 1	0.0%
Y	2242168	6.90	6.62	4.1%	2242182	12.2	12.1	0.8%	2242193	12.0	12.6	4.9%	2242208	12.1	12.8	5.6%
Yb	2242168	0.8	0.8	0.0%	2242182	1.3	1.3	0.0%	2242193	1.4	1.4	0.0%	2242208	1.4	1.4	0.0%
Zn	2242168	53	44	18.6%	2242182	155	155	0.0%	2242193	94	96	2.1%	2242208	72	78	8.0%
Zr	2242168	20.0	16.4	19.8%	2242182	129	129	0.0%	2242193	120	127	5.7%	2242208	135	137	1.5%

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	2242168	0.010	0.002		2242182	< 0.001	< 0.001	0.0%	2242193	0.006	< 0.001		2242208	0.001	< 0.001	

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O724199

PROJECT: 2020 Surineau DDH Add Samples

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.GS7K)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.45	100%	90% - 110%					6.94	7.11	103%	90% - 110%	13.0	13.3	103%	90% - 110%
As	26	25	97%	90% - 110%												
Ba	540	548	101%	90% - 110%	1310	1403	107%	90% - 110%					1310	1376	105%	90% - 110%
Be	4.0	3.6	91%	90% - 110%												
Ca	0.907	0.871	96%	90% - 110%					4.01	4.03	101%	90% - 110%	1.42	1.41	99%	90% - 110%
Ce	98	99	101%	90% - 110%	58.2	62.6	108%	90% - 110%								
Co	15	14	91%	90% - 110%												
Cu	150	161	107%	90% - 110%												
Er	3.7	4	108%	90% - 110%												
Eu	1.0	1.12	112%	90% - 110%												
Fe	3.77	3.87	103%	90% - 110%					7.56	7.9	105%	90% - 110%	3.27	3.38	103%	90% - 110%
Ga					22.6	22.7	100%	90% - 110%								
Hf	11	10	86%	90% - 110%												
K	2.55	2.56	100%	90% - 110%					2.02	2.1	104%	90% - 110%	3.68	3.97	108%	90% - 110%
La	44	43	99%	90% - 110%	27.5	29	106%	90% - 110%								
Li	47	47	100%	90% - 110%	65.0	71.2	110%	90% - 110%					65.0	70.6	109%	90% - 110%
Lu	0.6	0.6	94%	90% - 110%												
Mg	1.1	1	92%	90% - 110%					2.41	2.41	100%	90% - 110%				
Mn	780	773	99%	90% - 110%												
Mo	14	14	100%	90% - 110%												
Nb	20	18	88%	90% - 110%	22.6	20.7	91%	90% - 110%								
Nd					27.3	29.4	108%	90% - 110%								
Ni	32	33	104%	90% - 110%												
P					0.061	0.058	95%	90% - 110%					0.061	0.054	89%	90% - 110%
Pb	31	30	97%	90% - 110%												
Rb	144	148	103%	90% - 110%	85.4	94.3	110%	90% - 110%								
Sb	0.8	0.8	95%	90% - 110%												
Sc	12	13	106%	90% - 110%												
Si	28.4	30.4	107%	90% - 110%					23.65	25.67	109%	90% - 110%	24.4	26.7	110%	90% - 110%
Sm	7.4	7.8	105%	90% - 110%												
Sr	144	152	106%	90% - 110%	310	334	108%	90% - 110%					310	330	106%	90% - 110%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O724199

PROJECT: 2020 Surineau DDH Add Samples

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Tb	1.2	1.2	100%	90% - 110%												
Th	18.4	18.2	99%	90% - 110%												
Ti	0.527	0.523	99%	90% - 110%	0.222	0.223	101%	90% - 110%					0.222	0.22	99%	90% - 110%
U	5.7	5.3	93%	90% - 110%												
V	77	78	101%	90% - 110%												
W	5	5	101%	90% - 110%												
Y	40	33	84%	90% - 110%	25.3	23.2	92%	90% - 110%								
Yb					2.66	3	113%	90% - 110%								
Zn	130	118	91%	90% - 110%	75.4	81.9	109%	90% - 110%					75.4	77.4	103%	90% - 110%
Zr	390	351	90%	90% - 110%	157	149	95%	90% - 110%								

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

	CRM #1 (ref.GS7K)				CRM #2 (ref.GS7K)				CRM #3 (ref.GS7K)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	7.06	7.55	107%	90% - 110%	7.06	7.51	106%	90% - 110%	7.06	7.5	106%	90% - 110%				

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC
AGAT WORK ORDER: 21O724199
PROJECT: 2020 Surineau DDH Add Samples
ATTENTION TO: Francis Newton
SAMPLING SITE:
SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC
AGAT WORK ORDER: 21O724199
PROJECT: 2020 Surineau DDH Add Samples
ATTENTION TO: Francis Newton
SAMPLING SITE:
SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O724199

PROJECT: 2020 Surineau DDH Add Samples

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 1

AGAT WORK ORDER: 21O727515

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Jul 21, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727515

PROJECT: 2021 Surimeau DDH Batch 1

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
45501 (2283736)	2.96
45502 (2283737)	0.77
45503 (2283738)	1.61
45504 (2283739)	3.04
45505 (2283740)	0.06
45506 (2283741)	2.93
45507 (2283742)	1.79
45508 (2283743)	3.24
45509 (2283744)	3.41
45510 (2283745)	3.13
45511 (2283746)	4.01
45512C-DUP (2283747)	-
45513 (2283748)	2.61
45514 (2283749)	2.31
45515 (2283750)	2.25
45516 (2283751)	4.58
45517 (2283752)	3.91
45518 (2283753)	3.99
45519 (2283754)	3.06
45520 (2283755)	0.84
45521 (2283756)	3.09
45522 (2283757)	0.89
45523 (2283758)	3.04
45524 (2283759)	4.00
45525 (2283760)	3.51
45526 (2283761)	4.19
45527 (2283762)	4.62
45528 (2283763)	5.10
45529 (2283764)	1.96
45530 (2283765)	3.23
45531 (2283766)	3.48

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727515

PROJECT: 2021 Surimeau DDH Batch 1

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
45532 (2283767)	3.97
45533 (2283768)	5.17
45534 (2283769)	4.40
45535 (2283770)	4.12
45536 (2283771)	4.48
45537 (2283772)	4.68
45538 (2283773)	4.50
45539 (2283774)	3.40
45540 (2283775)	3.71
45541 (2283776)	2.20
45542 (2283777)	1.95
45543 (2283778)	4.68
45544 (2283779)	4.14
45545C-DUP (2283780)	-
45546 (2283781)	4.60
45547 (2283782)	3.23
45548 (2283783)	3.04
45549 (2283784)	2.75
45550 (2283785)	4.48

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727515

PROJECT: 2021 Surimeau DDH Batch 1

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
45501 (2283736)	<1	8.74	<5	<20	696	<5	0.2	1.42	0.4	54.7	26.7	0.053	6.0	52
45502 (2283737)	<1	0.18	<5	<20	62.6	<5	<0.1	38.0	<0.2	0.9	0.6	0.006	<0.1	<5
45503 (2283738)	<1	9.48	<5	<20	667	<5	0.1	1.56	<0.2	54.6	33.3	0.037	6.1	56
45504 (2283739)	<1	8.66	<5	<20	446	<5	0.2	0.65	<0.2	39.0	27.6	0.041	2.8	46
45505 (2283740)	4	1.01	25	<20	66.9	<5	0.7	2.43	0.9	11.4	1240	0.024	0.5	14400
45506 (2283741)	<1	8.70	<5	<20	447	<5	0.3	0.81	<0.2	50.6	29.2	0.040	4.2	48
45507 (2283742)	<1	8.03	<5	25	758	<5	0.4	0.92	0.4	55.7	24.4	0.034	2.9	130
45508 (2283743)	1	8.73	<5	<20	883	<5	0.4	1.36	1.9	51.7	41.0	0.044	3.3	324
45509 (2283744)	<1	8.29	<5	<20	783	<5	1.0	0.55	2.1	50.5	37.2	0.034	2.3	176
45510 (2283745)	<1	7.70	<5	<20	616	<5	1.6	0.48	4.7	46.0	34.6	0.034	1.9	169
45511 (2283746)	<1	8.85	<5	<20	697	<5	0.6	0.78	0.9	60.2	36.9	0.034	1.7	203
45512C-DUP (2283747)	<1	8.65	<5	<20	737	<5	0.7	0.74	1.0	63.2	39.1	0.041	1.9	202
45513 (2283748)	<1	7.69	<5	<20	788	<5	0.2	2.83	<0.2	69.8	24.6	0.054	1.7	51
45514 (2283749)	<1	9.11	<5	<20	750	<5	0.2	1.66	<0.2	65.0	28.0	0.040	2.6	51
45515 (2283750)	<1	8.52	<5	<20	652	<5	0.3	1.69	0.2	62.3	25.4	0.040	2.5	49
45516 (2283751)	1	9.24	<5	<20	702	<5	0.9	1.38	2.6	66.0	39.3	0.036	2.6	189
45517 (2283752)	<1	9.49	<5	<20	679	<5	0.3	1.46	<0.2	68.6	28.2	0.042	3.5	61
45518 (2283753)	<1	9.33	<5	<20	646	<5	0.3	1.42	<0.2	65.5	27.4	0.038	3.3	58
45519 (2283754)	<1	9.09	<5	<20	705	<5	0.3	1.20	<0.2	58.2	26.9	0.036	1.6	73
45520 (2283755)	<1	7.96	<5	<20	157	<5	0.5	0.44	3.1	71.3	32.8	0.037	0.5	115
45521 (2283756)	2	6.93	<5	<20	347	<5	2.2	1.08	9.9	52.7	83.5	0.027	1.1	493
45522 (2283757)	<1	0.03	<5	<20	19.5	<5	<0.1	36.7	<0.2	1.1	0.5	<0.005	<0.1	<5
45523 (2283758)	2	6.40	<5	<20	430	<5	2.3	1.68	10.6	56.8	78.6	0.028	1.1	634
45524 (2283759)	2	6.78	<5	<20	697	<5	2.2	1.42	9.3	60.7	77.2	0.028	2.2	565
45525 (2283760)	<1	8.57	<5	<20	134	<5	0.3	2.49	7.4	83.3	32.7	0.042	1.0	132
45526 (2283761)	<1	7.60	<5	<20	113	<5	0.6	4.41	0.3	74.0	33.3	0.051	0.3	79
45527 (2283762)	<1	5.38	<5	<20	87.6	<5	0.7	5.93	0.8	52.2	73.6	0.156	0.7	95
45528 (2283763)	<1	2.89	<5	<20	58.6	<5	0.5	8.06	0.4	2.3	78.1	0.215	0.3	77
45529 (2283764)	<1	3.16	<5	<20	31.7	<5	0.4	5.79	<0.2	6.5	74.8	0.204	1.1	87
45530 (2283765)	1	7.33	<5	<20	884	<5	0.8	0.61	1.8	53.4	46.0	0.037	0.7	221
45531 (2283766)	<1	7.43	<5	<20	293	<5	0.8	1.08	3.4	66.6	40.0	0.032	1.2	200
45532 (2283767)	<1	7.61	<5	<20	766	<5	1.0	1.06	5.4	58.0	39.6	0.030	1.2	350

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727515

PROJECT: 2021 Surimeau DDH Batch 1

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
45533 (2283768)	<1	6.33	<5	<20	365	<5	1.8	1.03	7.2	48.4	64.3	0.025	1.1	506
45534 (2283769)	<1	8.33	<5	<20	1200	<5	1.0	1.15	3.2	59.1	41.3	0.030	1.8	631
45535 (2283770)	<1	8.88	<5	<20	1030	<5	<0.1	1.13	<0.2	<0.1	<0.5	0.033	<0.1	427
45536 (2283771)	2	7.33	<5	<20	310	<5	0.6	1.55	10.8	57.5	84.4	0.036	1.1	743
45537 (2283772)	1	8.43	<5	<20	317	<5	0.6	2.72	1.1	57.2	25.7	0.039	1.5	262
45538 (2283773)	2	9.17	<5	<20	670	<5	0.3	1.45	0.2	69.9	26.8	0.034	3.5	109
45539 (2283774)	<1	8.96	<5	<20	594	<5	<0.1	1.22	<0.2	<0.1	<0.5	0.038	<0.1	90
45540 (2283775)	<1	8.70	<5	<20	594	<5	0.8	0.46	3.1	62.4	58.3	0.030	1.3	213
45541 (2283776)	<1	8.96	<5	<20	838	<5	0.3	0.69	0.6	65.4	27.2	0.031	2.8	136
45542 (2283777)	<1	9.13	<5	<20	922	<5	0.3	0.79	0.4	60.4	25.4	0.034	3.6	121
45543 (2283778)	<1	9.07	<5	<20	732	<5	0.5	0.91	1.0	64.1	29.2	0.031	1.9	187
45544 (2283779)	<1	8.73	<5	<20	825	<5	0.6	0.44	1.1	57.4	26.4	0.029	0.7	152
45545C-DUP (2283780)	<1	8.43	<5	<20	773	<5	0.5	0.44	1.6	58.1	23.6	0.033	0.7	143
45546 (2283781)	<1	7.67	<5	<20	485	<5	<0.1	0.61	<0.2	<0.1	<0.5	0.026	<0.1	256
45547 (2283782)	1	6.46	<5	<20	176	<5	1.7	1.33	6.0	60.2	62.7	0.051	1.0	405
45548 (2283783)	<1	7.23	<5	<20	818	<5	0.8	2.61	11.3	67.5	91.3	0.037	0.8	777
45549 (2283784)	<1	7.16	<5	<20	1250	<5	0.7	2.78	10.7	78.5	92.8	0.031	0.5	712
45550 (2283785)	<1	7.82	<5	<20	2100	<5	0.1	4.85	<0.2	107	24.1	0.036	3.3	29

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727515

PROJECT: 2021 Surimeau DDH Batch 1

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
45501 (2283736)	2.73	1.66	1.08	4.69	20.9	3.52	1	3	0.57	<0.2	2.48	27.2	44	0.25
45502 (2283737)	0.33	0.15	<0.05	0.06	0.68	0.27	1	<1	<0.05	<0.2	<0.05	1.1	<10	<0.05
45503 (2283738)	2.84	1.72	1.37	4.85	22.4	3.83	1	3	0.54	<0.2	2.46	25.3	50	0.24
45504 (2283739)	2.19	1.45	0.84	4.32	21.2	2.68	1	3	0.52	<0.2	2.12	19.1	51	0.22
45505 (2283740)	0.98	0.66	0.22	35.8	3.21	0.94	1	<1	0.19	<0.2	0.13	5.7	<10	0.08
45506 (2283741)	2.52	1.58	1.02	4.58	22.7	3.73	1	3	0.53	<0.2	2.20	24.1	62	0.21
45507 (2283742)	2.95	1.52	1.35	3.63	20.9	3.72	2	3	0.53	<0.2	2.66	28.7	47	0.24
45508 (2283743)	2.68	1.38	1.56	4.03	22.6	3.23	2	3	0.47	<0.2	2.69	25.5	49	0.22
45509 (2283744)	2.44	1.55	1.09	4.21	24.1	3.04	1	3	0.57	<0.2	2.45	24.4	41	0.24
45510 (2283745)	2.71	1.60	1.05	4.95	21.5	3.45	1	3	0.49	0.3	1.77	22.4	52	0.23
45511 (2283746)	3.16	1.43	1.22	4.73	23.5	4.23	2	3	0.64	<0.2	1.83	29.3	40	0.24
45512C-DUP (2283747)	3.15	1.68	1.10	4.66	24.9	4.30	2	3	0.64	<0.2	1.81	31.5	40	0.22
45513 (2283748)	2.55	1.28	1.55	4.95	24.4	3.98	4	4	0.45	0.2	2.24	31.8	42	0.17
45514 (2283749)	3.25	1.71	1.40	4.98	26.5	4.40	3	3	0.58	<0.2	2.55	31.1	47	0.26
45515 (2283750)	3.01	1.73	1.38	4.65	25.7	4.01	2	3	0.57	<0.2	2.16	29.4	41	0.22
45516 (2283751)	3.23	1.49	1.47	5.54	28.6	4.06	2	4	0.60	0.5	2.39	32.2	40	0.30
45517 (2283752)	3.00	1.57	1.44	5.08	24.5	4.15	2	4	0.53	<0.2	2.36	32.7	64	0.26
45518 (2283753)	3.01	1.69	1.17	5.01	24.8	3.84	2	3	0.54	<0.2	2.43	30.5	51	0.28
45519 (2283754)	2.82	1.44	1.24	4.71	29.7	3.50	7	4	0.63	<0.2	1.93	28.7	40	0.23
45520 (2283755)	2.76	1.55	1.56	5.10	22.6	4.22	1	3	0.55	0.3	1.57	36.3	18	0.19
45521 (2283756)	2.99	1.94	1.60	8.17	22.4	3.60	1	3	0.65	1.3	1.14	25.3	16	0.31
45522 (2283757)	0.19	0.16	<0.05	0.05	0.19	0.21	1	<1	<0.05	<0.2	<0.05	1.1	<10	<0.05
45523 (2283758)	3.54	2.04	1.94	7.14	22.8	4.04	2	3	0.73	1.1	1.26	27.3	14	0.35
45524 (2283759)	3.88	2.07	2.10	7.22	23.3	4.64	1	4	1.45	1.4	1.57	28.3	29	0.74
45525 (2283760)	3.16	1.43	2.12	4.26	26.5	4.99	2	4	0.52	0.4	0.51	39.7	39	0.15
45526 (2283761)	2.29	1.18	1.73	4.28	15.8	4.22	2	3	0.38	<0.2	0.62	34.7	14	0.16
45527 (2283762)	2.19	1.25	1.35	5.81	14.9	3.10	4	2	0.50	<0.2	0.47	24.6	21	0.15
45528 (2283763)	1.14	0.79	0.40	6.55	11.5	0.99	6	<1	0.30	<0.2	0.35	1.0	23	0.11
45529 (2283764)	1.38	0.65	0.30	6.74	13.7	1.17	6	<1	0.22	<0.2	0.30	3.2	99	0.09
45530 (2283765)	3.16	1.89	1.42	4.38	25.6	3.61	2	3	0.62	0.2	2.05	26.5	22	0.24
45531 (2283766)	3.57	1.88	1.97	4.88	23.9	4.35	2	3	0.66	0.7	1.12	31.4	28	0.26
45532 (2283767)	2.85	1.81	1.48	4.63	28.4	3.68	2	4	0.57	0.8	1.69	28.0	22	0.21

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727515

PROJECT: 2021 Surimeau DDH Batch 1

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
45533 (2283768)	3.27	2.05	2.07	6.49	21.2	3.40	2	3	0.62	1.2	1.26	22.4	22	0.31
45534 (2283769)	3.15	1.68	1.63	5.15	30.2	4.09	2	3	0.64	0.3	3.65	28.9	41	0.25
45535 (2283770)	<0.05	<0.05	<0.05	5.70	<0.01	<0.05	<1	<1	<0.05	<0.2	3.11	<0.1	37	<0.05
45536 (2283771)	3.34	2.12	1.90	7.70	29.9	4.04	1	3	0.78	1.5	1.02	28.1	21	0.32
45537 (2283772)	2.94	1.55	1.50	3.92	21.4	3.32	3	4	0.54	<0.2	1.42	27.7	29	0.22
45538 (2283773)	3.32	1.59	1.27	4.96	26.2	4.19	3	3	0.59	<0.2	2.99	33.5	52	0.22
45539 (2283774)	<0.05	<0.05	<0.05	4.77	<0.01	<0.05	<1	<1	<0.05	<0.2	2.66	<0.1	61	<0.05
45540 (2283775)	3.13	1.82	1.30	6.58	22.4	3.74	2	3	0.58	0.3	2.27	30.4	39	0.25
45541 (2283776)	3.23	1.57	1.33	4.38	24.2	3.86	2	3	0.56	<0.2	2.99	31.6	57	0.28
45542 (2283777)	3.17	1.60	1.30	3.86	24.7	3.87	2	3	0.64	<0.2	3.34	29.3	62	0.26
45543 (2283778)	2.97	1.84	1.32	4.61	24.3	4.05	2	3	0.63	<0.2	2.22	30.8	48	0.29
45544 (2283779)	3.12	1.68	1.34	4.34	22.0	3.33	1	3	0.54	<0.2	2.67	27.8	29	0.24
45545C-DUP (2283780)	3.00	2.04	1.09	4.12	21.8	3.77	1	3	0.57	0.2	2.61	28.8	29	0.27
45546 (2283781)	<0.05	<0.05	<0.05	6.71	<0.01	<0.05	<1	<1	<0.05	<0.2	1.18	<0.1	37	<0.05
45547 (2283782)	3.24	1.76	1.73	8.23	23.2	3.93	2	3	0.61	0.8	0.82	29.1	62	0.27
45548 (2283783)	4.27	2.59	2.52	8.56	28.7	4.95	2	4	0.83	1.5	1.29	31.5	11	0.46
45549 (2283784)	3.79	2.47	2.27	8.60	29.6	4.95	2	4	0.75	1.3	0.99	37.7	<10	0.37
45550 (2283785)	3.60	1.62	2.28	5.41	23.2	6.31	2	4	0.64	<0.2	2.51	49.2	45	0.19

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727515

PROJECT: 2021 Surimeau DDH Batch 1

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
45501 (2283736)	2.17	496	5	6	24.0	122	0.06	17	6.42	90.0	0.29	<0.1	18	30.6
45502 (2283737)	1.44	52	<2	<1	0.8	<5	<0.01	<5	0.23	0.9	0.61	<0.1	<5	5.87
45503 (2283738)	2.21	557	8	6	25.2	208	0.05	21	6.36	95.5	0.48	<0.1	20	28.9
45504 (2283739)	2.06	465	5	6	18.2	189	0.06	9	4.87	83.9	0.38	<0.1	16	31.2
45505 (2283740)	1.81	533	<2	1	5.3	25200	0.01	42	1.25	3.9	24.9	0.3	8	7.47
45506 (2283741)	2.13	570	5	6	23.0	173	0.05	12	5.95	83.1	0.44	<0.1	18	28.7
45507 (2283742)	1.73	489	16	6	24.8	105	0.06	49	6.83	113	1.56	<0.1	15	28.3
45508 (2283743)	1.98	471	22	6	23.2	155	0.06	39	6.27	90.3	2.02	<0.1	19	28.9
45509 (2283744)	1.77	422	32	6	23.4	202	0.04	92	6.02	79.9	2.06	<0.1	20	26.9
45510 (2283745)	1.84	374	7	5	22.4	161	0.05	124	5.45	64.2	2.33	<0.1	17	27.4
45511 (2283746)	2.07	491	5	6	28.5	157	0.06	54	7.11	52.7	2.64	<0.1	17	30.2
45512C-DUP (2283747)	2.13	493	6	6	28.7	161	0.05	46	7.82	52.6	2.65	<0.1	17	29.2
45513 (2283748)	4.04	1530	41	6	32.7	174	0.11	22	8.37	83.7	1.09	<0.1	17	27.6
45514 (2283749)	2.53	1040	5	6	30.7	115	0.08	24	7.71	109	0.74	<0.1	21	28.6
45515 (2283750)	2.62	1020	23	6	27.9	120	0.08	23	7.37	76.5	0.88	<0.1	19	27.6
45516 (2283751)	1.91	512	33	7	30.3	180	0.06	37	7.93	86.9	2.60	<0.1	20	28.2
45517 (2283752)	2.35	661	4	7	32.0	133	0.07	23	8.04	92.3	1.09	<0.1	20	29.3
45518 (2283753)	2.20	664	2	6	29.4	120	0.06	20	7.59	93.0	0.84	<0.1	19	29.5
45519 (2283754)	2.13	686	3	6	26.0	122	0.06	18	6.75	54.5	1.25	1.0	19	29.2
45520 (2283755)	1.32	396	4	5	29.8	103	0.05	16	8.04	41.6	2.55	<0.1	14	30.4
45521 (2283756)	0.95	386	10	5	25.6	325	0.05	57	6.35	40.2	4.99	<0.1	17	26.1
45522 (2283757)	1.49	56	<2	<1	0.8	<5	<0.01	<5	0.23	0.3	0.59	<0.1	<5	5.89
45523 (2283758)	0.95	442	12	5	25.8	315	0.05	48	6.94	50.6	4.31	<0.1	19	24.7
45524 (2283759)	1.23	405	63	5	27.2	316	0.04	47	7.34	60.9	4.11	<0.1	19	25.9
45525 (2283760)	3.30	1080	13	10	40.0	244	0.12	16	10.0	22.4	1.30	<0.1	13	29.0
45526 (2283761)	3.83	1540	401	7	37.1	343	0.09	19	9.29	25.7	0.85	<0.1	14	28.5
45527 (2283762)	7.11	1850	99	4	24.5	912	0.05	15	6.27	20.3	1.16	<0.1	20	25.9
45528 (2283763)	10.7	2110	<2	<1	1.7	1190	<0.01	9	0.36	11.3	1.32	<0.1	21	24.3
45529 (2283764)	11.7	2110	4	<1	3.6	1190	<0.01	6	0.74	15.0	1.71	<0.1	18	22.6
45530 (2283765)	1.11	295	32	6	24.6	291	0.07	166	6.15	55.7	2.36	<0.1	14	29.2
45531 (2283766)	1.34	438	4	6	30.4	146	0.07	162	7.85	47.3	2.90	<0.1	16	28.0
45532 (2283767)	0.90	273	5	6	25.4	165	0.06	64	6.74	48.9	2.68	<0.1	14	29.2

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727515

PROJECT: 2021 Surimeau DDH Batch 1

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
45533 (2283768)	0.79	226	10	6	21.5	251	0.04	30	5.60	50.3	4.10	<0.1	15	23.5
45534 (2283769)	1.77	554	4	6	26.5	158	0.05	70	7.05	102	2.79	<0.1	19	26.9
45535 (2283770)	1.68	461	<2	<1	<0.1	166	0.06	<5	<0.05	<0.2	3.19	<0.1	18	27.9
45536 (2283771)	1.06	458	66	9	25.5	299	0.03	15	6.86	42.3	4.72	0.1	17	28.6
45537 (2283772)	1.11	379	2	6	25.5	117	0.05	31	6.28	68.5	2.04	<0.1	15	31.5
45538 (2283773)	2.05	541	2	7	30.0	136	0.06	24	7.93	111	2.80	<0.1	21	26.3
45539 (2283774)	2.34	536	<2	<1	<0.1	119	0.06	<5	<0.05	<0.2	2.62	<0.1	20	26.8
45540 (2283775)	1.60	335	3	6	27.9	173	0.06	19	7.25	61.8	4.12	<0.1	20	27.6
45541 (2283776)	2.06	423	3	6	28.8	125	0.05	17	7.34	89.9	2.35	<0.1	20	27.7
45542 (2283777)	2.15	439	2	6	25.7	114	0.06	17	7.07	107	1.96	<0.1	20	27.0
45543 (2283778)	1.99	441	2	7	27.3	126	0.06	15	7.52	71.4	2.44	<0.1	20	26.9
45544 (2283779)	1.50	294	4	6	23.9	132	0.06	16	6.60	60.5	2.45	<0.1	19	28.8
45545C-DUP (2283780)	1.46	292	4	7	25.4	121	0.05	15	7.10	64.0	2.22	<0.1	18	27.9
45546 (2283781)	1.59	311	<2	<1	<0.1	192	0.06	<5	<0.05	<0.2	4.13	<0.1	16	25.9
45547 (2283782)	3.06	609	8	5	28.8	320	0.06	27	7.14	36.6	5.05	<0.1	18	23.3
45548 (2283783)	1.12	520	64	8	30.9	354	0.08	30	7.99	29.0	5.15	<0.1	21	28.9
45549 (2283784)	1.37	608	68	8	36.4	324	0.07	21	9.21	20.4	4.81	<0.1	20	28.3
45550 (2283785)	3.46	1020	<2	6	52.5	66	0.18	22	12.9	71.2	0.93	<0.1	19	27.5

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727515

PROJECT: 2021 Surimeau DDH Batch 1

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
45501 (2283736)	4.6	2	319	<0.5	0.45	6.7	0.37	0.7	0.22	2.19	125	<1	15.3	1.5
45502 (2283737)	0.3	<1	78.1	<0.5	<0.05	0.1	<0.01	<0.5	<0.05	0.32	<5	<1	2.4	0.1
45503 (2283738)	5.1	2	489	0.5	0.53	7.6	0.39	1.0	0.20	2.17	144	<1	13.1	1.5
45504 (2283739)	3.2	1	243	0.5	0.38	7.1	0.35	0.8	0.20	2.05	112	<1	13.3	1.5
45505 (2283740)	1.1	2	33.0	<0.5	0.16	0.9	0.10	<0.5	0.07	0.21	57	4	5.9	0.5
45506 (2283741)	4.4	2	245	<0.5	0.51	7.1	0.36	0.8	0.20	2.47	124	<1	14.5	1.4
45507 (2283742)	4.1	3	246	0.5	0.50	6.6	0.33	1.7	0.23	1.99	99	2	14.7	1.4
45508 (2283743)	4.6	4	322	<0.5	0.48	6.6	0.36	1.5	0.22	1.91	119	3	15.5	1.5
45509 (2283744)	4.2	3	197	0.5	0.41	7.0	0.35	1.2	0.25	2.02	122	2	13.2	1.7
45510 (2283745)	4.2	3	142	<0.5	0.50	6.3	0.31	1.1	0.25	1.96	101	2	14.4	1.5
45511 (2283746)	4.3	4	223	0.5	0.57	7.2	0.37	1.0	0.25	2.23	112	1	14.8	1.4
45512C-DUP (2283747)	5.3	4	214	0.5	0.60	7.3	0.35	0.9	0.23	2.20	116	2	16.4	1.6
45513 (2283748)	5.7	3	295	<0.5	0.52	6.1	0.42	1.5	0.18	1.89	133	1	14.5	1.2
45514 (2283749)	5.7	2	388	0.5	0.57	7.4	0.41	1.8	0.22	2.37	141	<1	17.5	1.7
45515 (2283750)	5.0	3	329	0.5	0.57	7.3	0.39	1.4	0.20	2.18	131	<1	15.7	1.5
45516 (2283751)	5.8	5	362	0.5	0.59	7.8	0.38	1.7	0.25	2.30	129	1	16.9	1.8
45517 (2283752)	5.6	2	388	0.5	0.55	7.7	0.40	1.8	0.21	2.09	130	1	14.5	1.6
45518 (2283753)	5.2	2	283	0.5	0.55	7.7	0.39	1.9	0.24	2.29	133	<1	16.1	1.6
45519 (2283754)	5.1	2	253	0.5	0.53	7.6	0.38	1.2	0.26	2.31	127	1	15.0	1.5
45520 (2283755)	5.2	3	68.8	<0.5	0.54	6.2	0.31	0.9	0.22	2.06	100	<1	15.4	1.4
45521 (2283756)	4.2	6	164	<0.5	0.52	7.3	0.27	0.8	0.27	2.20	80	1	17.4	2.0
45522 (2283757)	0.1	<1	78.0	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.14	<5	<1	2.4	0.1
45523 (2283758)	5.0	7	177	0.5	0.61	7.6	0.23	1.1	0.33	2.31	79	<1	19.3	2.1
45524 (2283759)	5.0	6	224	0.6	1.17	7.9	0.26	1.6	0.49	2.55	93	3	17.5	2.3
45525 (2283760)	6.9	7	197	0.6	0.64	6.1	0.50	<0.5	0.16	1.56	108	<1	14.9	1.1
45526 (2283761)	6.0	6	266	<0.5	0.50	4.6	0.46	<0.5	0.16	3.78	114	<1	11.8	1.0
45527 (2283762)	4.5	7	143	<0.5	0.41	2.8	0.36	0.6	0.16	1.06	134	<1	10.6	1.1
45528 (2283763)	0.7	6	21.8	<0.5	0.17	<0.1	0.17	0.6	0.12	<0.05	119	<1	8.1	0.7
45529 (2283764)	1.0	4	14.7	<0.5	0.15	<0.1	0.17	0.9	0.11	0.07	103	<1	7.1	0.7
45530 (2283765)	4.7	11	196	<0.5	0.49	7.4	0.32	1.5	0.28	2.55	98	1	17.4	1.7
45531 (2283766)	5.6	9	179	0.5	0.58	7.0	0.34	1.1	0.26	2.26	95	<1	17.9	1.7
45532 (2283767)	5.0	8	168	0.5	0.52	6.9	0.31	1.5	0.24	2.12	94	1	14.9	1.8

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727515

PROJECT: 2021 Surimeau DDH Batch 1

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
45533 (2283768)	4.1	7	150	0.5	0.51	7.5	0.23	1.5	0.32	2.01	73	2	19.0	2.1
45534 (2283769)	5.1	9	188	0.5	0.55	7.3	0.35	3.3	0.25	2.27	120	1	16.6	1.7
45535 (2283770)	<0.1	<1	210	<0.5	<0.05	<0.1	0.36	<0.5	<0.05	<0.05	118	<1	<0.5	<0.1
45536 (2283771)	4.5	3	255	0.5	0.61	7.4	0.26	0.8	0.33	4.87	160	<1	18.8	2.2
45537 (2283772)	3.3	5	216	0.5	0.47	7.5	0.34	1.5	0.22	2.32	93	<1	15.3	1.4
45538 (2283773)	5.9	4	291	0.6	0.58	8.1	0.39	3.9	0.22	2.37	140	1	16.8	1.6
45539 (2283774)	<0.1	<1	333	<0.5	<0.05	<0.1	0.38	<0.5	<0.05	<0.05	136	<1	<0.5	<0.1
45540 (2283775)	5.2	5	164	0.5	0.56	10.0	0.34	1.7	0.25	2.19	122	1	15.3	1.6
45541 (2283776)	5.3	5	209	0.5	0.56	7.9	0.37	2.6	0.26	2.32	127	1	16.7	1.6
45542 (2283777)	5.0	6	211	0.6	0.48	7.2	0.39	3.2	0.28	2.15	131	1	14.7	1.6
45543 (2283778)	5.1	5	233	0.5	0.52	7.7	0.39	2.3	0.28	2.36	126	<1	17.4	1.7
45544 (2283779)	4.7	4	178	0.6	0.47	7.5	0.35	1.9	0.25	2.44	114	1	16.6	1.7
45545C-DUP (2283780)	4.2	4	171	0.5	0.56	7.8	0.35	1.8	0.25	2.22	107	1	16.1	1.7
45546 (2283781)	<0.1	<1	160	<0.5	<0.05	<0.1	0.29	<0.5	<0.05	<0.05	89	<1	<0.5	<0.1
45547 (2283782)	5.4	7	133	<0.5	0.56	7.3	0.28	0.9	0.23	2.02	106	<1	17.6	1.8
45548 (2283783)	6.3	3	250	0.6	0.71	9.7	0.26	0.7	0.39	2.89	136	2	23.4	2.7
45549 (2283784)	5.9	5	411	0.5	0.75	9.0	0.28	<0.5	0.32	2.51	134	1	20.8	2.1
45550 (2283785)	9.9	2	1380	<0.5	0.69	7.4	0.43	1.6	0.23	1.87	139	<1	16.1	1.3

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727515

PROJECT: 2021 Surimeau DDH Batch 1

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
45501 (2283736)	221	124
45502 (2283737)	<5	2.2
45503 (2283738)	499	120
45504 (2283739)	284	122
45505 (2283740)	65	31.9
45506 (2283741)	276	111
45507 (2283742)	235	124
45508 (2283743)	958	119
45509 (2283744)	1340	123
45510 (2283745)	2670	105
45511 (2283746)	525	121
45512C-DUP (2283747)	493	119
45513 (2283748)	127	128
45514 (2283749)	64	133
45515 (2283750)	74	128
45516 (2283751)	1470	122
45517 (2283752)	204	129
45518 (2283753)	154	118
45519 (2283754)	60	128
45520 (2283755)	1770	119
45521 (2283756)	5890	117
45522 (2283757)	6	1.7
45523 (2283758)	5880	112
45524 (2283759)	5010	119
45525 (2283760)	3780	161
45526 (2283761)	306	124
45527 (2283762)	592	91.9
45528 (2283763)	180	14.9
45529 (2283764)	101	13.4
45530 (2283765)	961	129
45531 (2283766)	1990	129
45532 (2283767)	2620	130

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727515

PROJECT: 2021 Surimeau DDH Batch 1

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
45533 (2283768)	4410	115
45534 (2283769)	1680	118
45535 (2283770)	3790	<0.5
45536 (2283771)	6050	119
45537 (2283772)	601	145
45538 (2283773)	127	120
45539 (2283774)	123	<0.5
45540 (2283775)	1710	122
45541 (2283776)	364	126
45542 (2283777)	182	118
45543 (2283778)	448	123
45544 (2283779)	766	123
45545C-DUP (2283780)	684	125
45546 (2283781)	1780	<0.5
45547 (2283782)	2990	114
45548 (2283783)	6700	134
45549 (2283784)	6290	138
45550 (2283785)	109	147

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727515

PROJECT: 2021 Surimeau DDH Batch 1

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
45501 (2283736)	79.70
45520 (2283755)	76.55
45540 (2283775)	76.22

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727515

PROJECT: 2021 Surimeau DDH Batch 1

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
45501 (2283736)	87.87
45520 (2283755)	85.71
45540 (2283775)	85.94

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O727515

PROJECT: 2021 Surimeau DDH Batch 1

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2283736	< 1	< 1	0.0%	2283750	< 1	< 1	0.0%	2283761	< 1	< 1	0.0%	2283776	< 1	< 1	0.0%
Al	2283736	8.74	8.93	2.2%	2283750	8.52	9.30	8.8%	2283761	7.60	7.15	6.1%	2283776	8.96	8.82	1.6%
As	2283736	< 5	< 5	0.0%	2283750	< 5	< 5	0.0%	2283761	< 5	< 5	0.0%	2283776	< 5	< 5	0.0%
B	2283736	< 20	< 20	0.0%	2283750	< 20	< 20	0.0%	2283761	< 20	< 20	0.0%	2283776	< 20	< 20	0.0%
Ba	2283736	696	718	3.1%	2283750	652	708	8.2%	2283761	113	102	10.2%	2283776	838	796	5.1%
Be	2283736	< 5	< 5	0.0%	2283750	< 5	< 5	0.0%	2283761	< 5	< 5	0.0%	2283776	< 5	< 5	0.0%
Bi	2283736	0.2	0.2	0.0%	2283750	0.32	0.37	14.5%	2283761	0.60	0.76	23.5%	2283776	0.3	0.3	0.0%
Ca	2283736	1.42	1.44	1.4%	2283750	1.69	1.87	10.1%	2283761	4.41	4.17	5.6%	2283776	0.69	0.69	0.0%
Cd	2283736	0.4	0.3	28.6%	2283750	0.2	0.3		2283761	0.3	0.5		2283776	0.61	0.78	24.5%
Ce	2283736	54.7	53.0	3.2%	2283750	62.3	61.3	1.6%	2283761	74.0	74.3	0.4%	2283776	65.4	63.5	2.9%
Co	2283736	26.7	27.4	2.6%	2283750	25.4	26.8	5.4%	2283761	33.3	38.9	15.5%	2283776	27.2	25.6	6.1%
Cr	2283736	0.0526	0.0517	1.7%	2283750	0.040	0.042	4.9%	2283761	0.051	0.057	11.1%	2283776	0.0308	0.0292	5.3%
Cs	2283736	6.01	6.16	2.5%	2283750	2.5	2.5	0.0%	2283761	0.3	0.6		2283776	2.8	2.6	7.4%
Cu	2283736	52	54	3.8%	2283750	49	56	13.3%	2283761	79	80	1.3%	2283776	136	133	2.2%
Dy	2283736	2.73	2.49	9.2%	2283750	3.01	3.05	1.3%	2283761	2.29	2.52	9.6%	2283776	3.23	3.15	2.5%
Er	2283736	1.66	1.53	8.2%	2283750	1.73	1.80	4.0%	2283761	1.18	1.15	2.6%	2283776	1.57	1.73	9.7%
Eu	2283736	1.08	1.12	3.6%	2283750	1.38	1.41	2.2%	2283761	1.73	1.73	0.0%	2283776	1.33	1.29	3.1%
Fe	2283736	4.69	4.94	5.2%	2283750	4.65	5.07	8.6%	2283761	4.28	4.41	3.0%	2283776	4.38	4.33	1.1%
Ga	2283736	20.9	21.7	3.8%	2283750	25.7	25.8	0.4%	2283761	15.8	16.1	1.9%	2283776	24.2	23.4	3.4%
Gd	2283736	3.52	3.44	2.3%	2283750	4.01	3.80	5.4%	2283761	4.22	4.61	8.8%	2283776	3.86	3.86	0.0%
Ge	2283736	1	1	0.0%	2283750	2	2	0.0%	2283761	2	2	0.0%	2283776	2	2	0.0%
Hf	2283736	3	3	0.0%	2283750	3	3	0.0%	2283761	3	3	0.0%	2283776	3	3	0.0%
Ho	2283736	0.565	0.519	8.5%	2283750	0.57	0.63	10.0%	2283761	0.384	0.436	12.7%	2283776	0.563	0.608	7.7%
In	2283736	< 0.2	< 0.2	0.0%	2283750	< 0.2	< 0.2	0.0%	2283761	< 0.2	< 0.2	0.0%	2283776	< 0.2	< 0.2	0.0%
K	2283736	2.48	2.61	5.1%	2283750	2.16	2.37	9.3%	2283761	0.619	0.550	11.8%	2283776	2.99	2.95	1.3%
La	2283736	27.2	25.8	5.3%	2283750	29.4	29.3	0.3%	2283761	34.7	35.8	3.1%	2283776	31.6	30.3	4.2%
Li	2283736	44	46	4.4%	2283750	41	45	9.3%	2283761	14	13	7.4%	2283776	57	57	0.0%
Lu	2283736	0.25	0.23	8.3%	2283750	0.22	0.22	0.0%	2283761	0.165	0.172	4.2%	2283776	0.276	0.258	6.7%
Mg	2283736	2.17	2.29	5.4%	2283750	2.62	2.85	8.4%	2283761	3.83	3.62	5.6%	2283776	2.06	1.99	3.5%
Mn	2283736	496	518	4.3%	2283750	1020	1130	10.2%	2283761	1540	1510	2.0%	2283776	423	421	0.5%
Mo	2283736	5	5	0.0%	2283750	23	22	4.4%	2283761	401	401	0.0%	2283776	3	2	

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2283736	6	6	0.0%	2283750	6	7	15.4%	2283761	7	7	0.0%	2283776	6	6	0.0%
Nd	2283736	24.0	24.1	0.4%	2283750	27.9	30.4	8.6%	2283761	37.1	37.1	0.0%	2283776	28.8	29.7	3.1%
Ni	2283736	122	129	5.6%	2283750	120	127	5.7%	2283761	343	392	13.3%	2283776	125	121	3.3%
P	2283736	0.062	0.071	13.5%	2283750	0.08	0.09	11.8%	2283761	0.09	0.09	0.0%	2283776	0.05	0.05	0.0%
Pb	2283736	17	17	0.0%	2283750	23	23	0.0%	2283761	19	18	5.4%	2283776	17	16	6.1%
Pr	2283736	6.42	6.18	3.8%	2283750	7.37	7.75	5.0%	2283761	9.29	9.14	1.6%	2283776	7.34	7.52	2.4%
Rb	2283736	90.0	91.7	1.9%	2283750	76.5	83.8	9.1%	2283761	25.7	25.5	0.8%	2283776	89.9	87.5	2.7%
S	2283736	0.29	0.29	0.0%	2283750	0.88	0.96	8.7%	2283761	0.85	0.89	4.6%	2283776	2.35	2.26	3.9%
Sb	2283736	< 0.1	< 0.1	0.0%	2283750	< 0.1	< 0.1	0.0%	2283761	< 0.1	< 0.1	0.0%	2283776	< 0.1	< 0.1	0.0%
Sc	2283736	18	19	5.4%	2283750	19	21	10.0%	2283761	14	14	0.0%	2283776	20	19	5.1%
Si	2283736	30.6	31.1	1.6%	2283750	27.6	30.1	8.7%	2283761	28.5	27.2	4.7%	2283776	27.7	27.4	1.1%
Sm	2283736	4.6	4.8	4.3%	2283750	5.0	5.3	5.8%	2283761	6.0	6.0	0.0%	2283776	5.26	5.12	2.7%
Sn	2283736	2	1		2283750	3	2		2283761	6	7	15.4%	2283776	5	5	0.0%
Sr	2283736	319	323	1.2%	2283750	329	357	8.2%	2283761	266	245	8.2%	2283776	209	205	1.9%
Ta	2283736	< 0.5	< 0.5	0.0%	2283750	0.5	0.5	0.0%	2283761	< 0.5	< 0.5	0.0%	2283776	0.5	0.5	0.0%
Tb	2283736	0.450	0.499	10.3%	2283750	0.57	0.62	8.4%	2283761	0.503	0.513	2.0%	2283776	0.56	0.53	5.5%
Th	2283736	6.7	6.6	1.5%	2283750	7.31	7.39	1.1%	2283761	4.57	4.32	5.6%	2283776	7.92	8.00	1.0%
Ti	2283736	0.37	0.39	5.3%	2283750	0.394	0.424	7.3%	2283761	0.456	0.442	3.1%	2283776	0.37	0.37	0.0%
Tl	2283736	0.7	0.7	0.0%	2283750	1.4	1.5	6.9%	2283761	< 0.5	< 0.5	0.0%	2283776	2.6	2.6	0.0%
Tm	2283736	0.22	0.22	0.0%	2283750	0.196	0.205	4.5%	2283761	0.160	0.169	5.5%	2283776	0.262	0.244	7.1%
U	2283736	2.19	2.13	2.8%	2283750	2.18	2.13	2.3%	2283761	3.78	3.67	3.0%	2283776	2.32	2.18	6.2%
V	2283736	125	135	7.7%	2283750	131	146	10.8%	2283761	114	107	6.3%	2283776	127	120	5.7%
W	2283736	< 1	< 1	0.0%	2283750	< 1	1		2283761	< 1	< 1	0.0%	2283776	1	1	0.0%
Y	2283736	15.3	12.9	17.0%	2283750	15.7	15.7	0.0%	2283761	11.8	13.1	10.4%	2283776	16.7	17.0	1.8%
Yb	2283736	1.48	1.29	13.7%	2283750	1.51	1.61	6.4%	2283761	1.0	1.0	0.0%	2283776	1.61	1.51	6.4%
Zn	2283736	221	224	1.3%	2283750	74	88	17.3%	2283761	306	313	2.3%	2283776	364	375	3.0%
Zr	2283736	124	128	3.2%	2283750	128	128	0.0%	2283761	124	127	2.4%	2283776	126	121	4.0%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O727515

PROJECT: 2021 Surimeau DDH Batch 1

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.41	99%	90% - 110%					6.94	6.79	98%	90% - 110%	13.0	13	100%	90% - 110%
As	26	27	106%	90% - 110%												
Ba	540	519	96%	90% - 110%									1310	1359	104%	90% - 110%
Be	4.0	3.7	91%	90% - 110%												
Ca	0.907	0.894	99%	90% - 110%					4.01	3.98	99%	90% - 110%	1.42	1.43	101%	90% - 110%
Ce	98	103	105%	90% - 110%	58.2	61.3	105%	90% - 110%								
Co	15	14	95%	90% - 110%												
Cu	150	150	100%	90% - 110%									6.4	6.3	98%	90% - 110%
Er	3.7	4.1	111%	90% - 110%												
Fe	3.77	3.97	105%	90% - 110%					7.56	7.75	103%	90% - 110%				
Ga					22.6	23.5	103%	90% - 110%								
Hf	11	9	86%	90% - 110%												
K	2.55	2.6	102%	90% - 110%					2.02	2.08	103%	90% - 110%	3.68	3.97	108%	90% - 110%
La	44	46	105%	90% - 110%	27.5	29.3	107%	90% - 110%								
Li	47	48	102%	90% - 110%									65.0	70.5	108%	90% - 110%
Lu	0.6	0.6	94%	90% - 110%												
Mg	1.1	1	95%	90% - 110%					2.41	2.36	98%	90% - 110%				
Mn	780	747	96%	90% - 110%												
Mo	14	13	90%	90% - 110%												
Nb	20	18	88%	90% - 110%	22.6	22.3	99%	90% - 110%								
Nd					27.3	27.6	101%	90% - 110%								
Ni	32	32	101%	90% - 110%												
P													0.061	0.06	99%	90% - 110%
Pb	31	32	102%	90% - 110%												
Rb	144	139	97%	90% - 110%	85.4	90	105%	90% - 110%								
Sb	0.8	0.8	95%	90% - 110%												
Sc	12	12	102%	90% - 110%												
Si	28.4	30.2	106%	90% - 110%					23.65	24.47	103%	90% - 110%	24.4	25.9	106%	90% - 110%
Sm	7.4	7.8	105%	90% - 110%												
Sr	144	155	108%	90% - 110%									310	328	106%	90% - 110%
Ta	1.9	1.9	101%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Tb	1.2	1	87%	90% - 110%												
Th	18.4	18.5	101%	90% - 110%												
Ti	0.527	0.531	101%	90% - 110%									0.222	0.218	98%	90% - 110%
U	5.7	5.4	94%	90% - 110%												
V	77	74	97%	90% - 110%												
W	5	5	102%	90% - 110%												
Y	40	37	92%	90% - 110%	25.3	25.5	101%	90% - 110%								
Yb					2.66	2.91	109%	90% - 110%								
Zn	130	120	92%	90% - 110%									75.4	82.9	110%	90% - 110%
Zr	390	354	91%	90% - 110%	157	145	92%	90% - 110%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O727515

PROJECT: 2021 Surimeau DDH Batch 1

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O727515

PROJECT: 2021 Surimeau DDH Batch 1

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O727515

PROJECT: 2021 Surimeau DDH Batch 1

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC, QC (418)

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 2

AGAT WORK ORDER: 21O727517

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: May 11, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727517

PROJECT: 2021 Surimeau DDH Batch 2

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
45551 (2283795)	2.97
45552 (2283796)	0.72
45553 (2283797)	1.52
45554 (2283798)	2.53
45555 (2283799)	2.58
45556 (2283800)	3.97
45557 (2283801)	2.25
45558 (2283802)	1.90
45559 (2283803)	2.85
45560 (2283804)	4.10
45561 (2283805)	4.06
45562C-DUP (2283806)	-
45563 (2283807)	3.85
45564 (2283808)	1.78
45565 (2283809)	1.66
45566 (2283810)	3.86
45567 (2283811)	4.24
45568 (2283812)	4.49
45569 (2283813)	4.46
45570 (2283814)	4.09
45571 (2283815)	4.42
45572 (2283816)	0.77
45573 (2283817)	4.57
45574 (2283818)	3.99
45575 (2283819)	4.41
45576 (2283820)	2.82
45577 (2283821)	2.49
45578 (2283822)	3.91
45579 (2283823)	4.43
45580 (2283824)	4.17
45581 (2283825)	4.41

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727517

PROJECT: 2021 Surimeau DDH Batch 2

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
45582 (2283826)	4.97
45583 (2283827)	5.18
45584 (2283828)	4.66
45585 (2283829)	4.10
45586 (2283830)	4.76
45587 (2283831)	2.55
45588 (2283832)	3.06
45589 (2283833)	3.33
45590 (2283834)	4.46
45591 (2283835)	1.55
45592 (2283836)	1.52
45593 (2283837)	3.57
45594 (2283838)	3.82
45595C-DUP (2283839)	-
45596 (2283840)	2.59
45597 (2283841)	2.65
45598 (2283842)	1.40
45599 (2283843)	3.69
45600 (2283844)	2.83

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727517

PROJECT: 2021 Surimeau DDH Batch 2

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
45551 (2283795)	<1	7.98	<5	<20	2070	<5	0.3	4.42	<0.2	123	25.4	0.032	0.7	53
45552 (2283796)	<1	0.08	<5	<20	25.3	<5	<0.1	37.0	<0.2	1.2	1.2	<0.005	<0.1	<5
45553 (2283797)	<1	7.71	<5	<20	1670	<5	0.3	4.33	0.2	123	27.1	0.037	1.6	57
45554 (2283798)	<1	8.28	7	<20	1070	<5	0.4	1.75	1.8	62.8	27.3	0.042	1.7	206
45555 (2283799)	<1	7.73	22	<20	632	<5	0.5	2.70	1.2	61.6	23.5	0.036	1.5	94
45556 (2283800)	<1	7.70	<5	<20	848	<5	0.6	1.93	4.1	61.1	40.4	0.046	1.5	448
45557 (2283801)	<1	6.65	<5	<20	430	<5	1.4	2.30	7.7	50.6	98.2	0.037	0.7	477
45558 (2283802)	<1	6.29	<5	<20	921	<5	0.3	5.25	<0.2	5.3	112	0.391	2.9	181
45559 (2283803)	<1	5.43	<5	<20	183	<5	0.1	6.03	<0.2	8.4	120	0.269	7.2	37
45560 (2283804)	<1	2.60	<5	<20	11.2	<5	0.4	5.97	<0.2	1.9	86.5	0.245	0.5	59
45561 (2283805)	<1	2.03	<5	<20	4.4	<5	1.0	3.76	<0.2	1.3	87.8	0.177	0.3	<5
45562C-DUP (2283806)	<1	2.04	<5	<20	4.8	<5	1.1	3.75	<0.2	1.4	92.6	0.174	0.4	<5
45563 (2283807)	<1	2.85	<5	<20	5.7	<5	0.5	4.81	<0.2	1.2	96.3	0.212	0.5	61
45564 (2283808)	<1	4.84	<5	<20	408	<5	0.4	10.7	<0.2	3.3	121	0.340	9.0	99
45565 (2283809)	<1	4.60	<5	<20	396	<5	0.3	9.56	<0.2	3.3	120	0.323	9.2	98
45566 (2283810)	<1	3.05	<5	<20	3.9	<5	0.4	4.40	<0.2	1.3	93.6	0.223	0.3	30
45567 (2283811)	<1	2.59	<5	<20	3.4	<5	0.5	3.48	<0.2	1.4	93.0	0.202	0.3	<5
45568 (2283812)	<1	3.36	<5	<20	3.4	<5	0.3	4.05	<0.2	1.6	95.8	0.239	0.3	29
45569 (2283813)	<1	2.99	<5	<20	3.8	<5	0.3	4.47	<0.2	1.9	89.2	0.219	0.3	20
45570 (2283814)	<1	3.01	<5	<20	4.7	<5	0.2	5.10	<0.2	2.0	86.4	0.224	0.2	42
45571 (2283815)	<1	2.69	<5	<20	3.5	<5	0.2	6.59	<0.2	2.2	86.9	0.207	0.2	49
45572 (2283816)	<1	0.03	<5	<20	22.0	<5	<0.1	40.1	<0.2	0.9	1.5	<0.005	<0.1	<5
45573 (2283817)	<1	3.23	<5	<20	3.0	<5	0.3	5.09	<0.2	1.6	93.0	0.234	0.3	28
45574 (2283818)	<1	3.14	<5	<20	3.9	<5	0.3	5.37	<0.2	1.7	92.4	0.228	0.2	54
45575 (2283819)	<1	2.02	<5	<20	3.8	<5	0.1	7.84	<0.2	2.7	70.9	0.151	0.2	37
45576 (2283820)	<1	2.07	<5	<20	3.2	<5	0.2	5.80	<0.2	1.8	72.4	0.163	0.3	8
45577 (2283821)	<1	1.43	<5	<20	3.6	<5	<0.1	6.27	<0.2	1.7	63.5	0.119	0.2	<5
45578 (2283822)	<1	3.24	<5	<20	4.2	<5	0.3	5.78	0.5	1.7	90.3	0.244	0.2	82
45579 (2283823)	<1	3.92	<5	<20	3.6	<5	0.4	5.48	<0.2	1.6	117	0.294	0.3	97
45580 (2283824)	<1	3.70	<5	<20	141	<5	0.2	7.54	<0.2	3.0	86.4	0.244	2.9	72
45581 (2283825)	<1	3.90	<5	<20	3.9	<5	0.3	5.36	<0.2	1.5	91.6	0.267	0.2	108
45582 (2283826)	<1	2.69	<5	<20	3.6	<5	0.5	4.66	<0.2	1.1	93.7	0.210	0.2	35

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727517

PROJECT: 2021 Surimeau DDH Batch 2

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
45583 (2283827)	<1	2.86	<5	<20	2.8	<5	0.4	4.76	<0.2	1.3	85.8	0.204	0.2	32
45584 (2283828)	<1	3.44	<5	<20	2.5	<5	0.3	5.35	<0.2	2.1	98.8	0.235	0.2	74
45585 (2283829)	<1	3.57	<5	<20	3.5	<5	0.4	5.26	<0.2	2.3	101	0.251	0.2	67
45586 (2283830)	<1	3.61	<5	<20	170	<5	0.3	5.51	<0.2	2.7	94.2	0.247	4.1	88
45587 (2283831)	<1	10.5	<5	<20	963	<5	0.2	2.53	<0.2	142	13.2	0.024	1.7	129
45588 (2283832)	<1	3.44	<5	<20	679	<5	0.6	5.75	0.3	3.5	82.9	0.215	11.0	188
45589 (2283833)	<1	3.04	<5	<20	693	<5	0.8	6.11	0.3	2.0	91.8	0.223	9.6	217
45590 (2283834)	<1	4.06	<5	<20	1190	<5	0.6	5.18	2.3	15.4	94.7	0.208	12.0	253
45591 (2283835)	2	7.92	<5	<20	1720	<5	0.3	2.18	3.2	100	32.2	0.043	2.2	124
45592 (2283836)	<1	7.74	<5	<20	1710	<5	0.3	2.11	2.7	102	31.3	0.055	2.5	95
45593 (2283837)	<1	7.77	<5	<20	1970	<5	0.1	2.02	<0.2	121	6.3	0.023	0.9	21
45594 (2283838)	<1	7.83	<5	<20	1790	<5	0.2	1.95	2.3	107	13.9	0.034	1.1	67
45595C-DUP (2283839)	<1	8.11	<5	<20	1820	<5	0.2	2.01	1.9	107	14.0	0.022	1.1	74
45596 (2283840)	<1	7.91	<5	<20	1810	<5	0.1	1.95	<0.2	109	6.5	0.028	0.5	19
45597 (2283841)	<1	5.23	<5	<20	1370	<5	0.8	6.76	0.2	5.2	128	0.381	0.4	218
45598 (2283842)	<1	3.19	<5	<20	110	<5	0.4	12.7	<0.2	1.3	96.8	0.227	2.1	48
45599 (2283843)	<1	3.21	<5	<20	6.1	<5	0.3	8.88	<0.2	1.7	87.7	0.226	0.2	49
45600 (2283844)	<1	3.65	<5	<20	73.0	<5	0.2	9.55	<0.2	1.9	98.9	0.259	1.5	27

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727517

PROJECT: 2021 Surimeau DDH Batch 2

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
45551 (2283795)	3.71	1.57	2.30	5.01	24.9	7.69	2	4	0.61	<0.2	2.58	58.5	14	0.20
45552 (2283796)	0.21	0.17	<0.05	0.12	0.28	0.26	1	<1	0.05	<0.2	<0.05	1.3	<10	<0.05
45553 (2283797)	3.91	1.77	2.25	5.13	23.7	7.83	3	4	0.69	<0.2	2.51	57.4	23	0.24
45554 (2283798)	2.81	1.54	1.36	4.22	23.6	4.18	2	3	0.55	0.3	3.29	31.1	26	0.23
45555 (2283799)	2.57	1.46	1.22	3.35	21.8	3.96	3	4	0.51	0.2	2.13	29.6	20	0.21
45556 (2283800)	2.92	1.72	1.36	4.35	24.5	4.07	2	4	0.59	0.7	1.89	29.2	28	0.22
45557 (2283801)	2.85	1.71	1.30	7.46	19.3	3.82	2	3	0.58	1.0	0.61	24.0	13	0.26
45558 (2283802)	2.60	1.72	0.52	9.07	17.3	2.12	4	1	0.58	<0.2	0.88	2.2	33	0.26
45559 (2283803)	2.66	1.72	1.03	8.03	14.2	2.39	3	1	0.59	<0.2	1.31	3.6	37	0.24
45560 (2283804)	1.20	0.78	0.16	6.73	7.17	1.05	3	<1	0.29	<0.2	0.08	0.7	<10	0.11
45561 (2283805)	0.92	0.55	0.11	6.17	5.63	0.66	2	<1	0.19	<0.2	<0.05	0.5	<10	0.08
45562C-DUP (2283806)	0.91	0.60	0.12	6.13	5.97	0.80	2	<1	0.21	<0.2	<0.05	0.5	<10	0.09
45563 (2283807)	1.07	0.71	0.15	6.99	7.28	0.87	3	<1	0.21	<0.2	<0.05	0.4	<10	0.09
45564 (2283808)	2.21	1.42	0.75	9.31	9.94	1.81	2	<1	0.49	<0.2	1.45	1.2	26	0.22
45565 (2283809)	2.15	1.45	0.78	9.07	10.0	1.81	2	<1	0.49	<0.2	1.41	1.2	25	0.21
45566 (2283810)	1.13	0.74	0.19	7.00	8.13	0.88	2	<1	0.24	<0.2	<0.05	0.4	<10	0.11
45567 (2283811)	1.04	0.70	0.17	6.70	7.29	0.85	2	<1	0.22	<0.2	<0.05	0.5	<10	0.11
45568 (2283812)	1.29	0.84	0.22	7.87	8.08	0.97	1	<1	0.29	<0.2	<0.05	0.5	<10	0.13
45569 (2283813)	1.37	0.86	0.25	7.30	7.74	1.11	2	<1	0.30	<0.2	<0.05	0.6	<10	0.13
45570 (2283814)	1.54	0.93	0.24	7.40	7.70	1.20	2	<1	0.34	<0.2	<0.05	0.6	<10	0.14
45571 (2283815)	1.52	0.95	5.69	7.03	6.44	1.29	2	<1	0.34	<0.2	<0.05	0.8	<10	0.13
45572 (2283816)	0.23	0.14	<0.05	0.10	0.13	0.21	<1	<1	0.05	<0.2	<0.05	1.2	<10	<0.05
45573 (2283817)	1.22	0.84	0.26	7.58	8.07	1.01	2	<1	0.27	<0.2	<0.05	0.6	<10	0.12
45574 (2283818)	1.38	0.88	0.27	7.68	7.62	1.18	2	<1	0.29	<0.2	<0.05	0.6	<10	0.12
45575 (2283819)	1.70	1.11	0.35	6.99	4.78	1.37	2	<1	0.37	<0.2	<0.05	0.9	<10	0.15
45576 (2283820)	1.48	1.01	0.25	6.74	5.71	1.14	2	<1	0.33	<0.2	<0.05	0.6	<10	0.13
45577 (2283821)	1.55	0.95	0.27	6.45	4.05	1.18	3	<1	0.32	<0.2	<0.05	0.6	<10	0.13
45578 (2283822)	1.32	0.88	0.28	7.65	8.54	1.04	2	<1	0.30	<0.2	<0.05	0.6	<10	0.13
45579 (2283823)	1.12	0.81	0.30	8.16	10.9	0.83	2	<1	0.25	<0.2	<0.05	0.6	<10	0.12
45580 (2283824)	1.38	0.89	0.45	7.93	10.4	1.17	3	<1	0.31	<0.2	0.40	1.3	13	0.14
45581 (2283825)	1.24	0.79	0.22	8.28	10.2	0.92	3	<1	0.26	<0.2	<0.05	0.5	<10	0.13
45582 (2283826)	0.97	0.64	0.14	6.93	8.50	0.77	3	<1	0.21	<0.2	<0.05	0.4	<10	0.08

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727517

PROJECT: 2021 Surimeau DDH Batch 2

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
45583 (2283827)	1.02	0.71	0.13	7.00	8.35	0.87	3	<1	0.23	<0.2	<0.05	0.5	<10	0.09
45584 (2283828)	1.49	0.96	0.20	7.53	9.56	1.17	3	<1	0.31	<0.2	<0.05	0.8	<10	0.13
45585 (2283829)	1.32	0.83	0.27	7.57	10.7	1.06	3	<1	0.28	<0.2	<0.05	0.9	<10	0.12
45586 (2283830)	1.44	0.90	0.47	7.64	13.6	1.33	2	<1	0.30	<0.2	0.68	0.8	36	0.12
45587 (2283831)	2.27	0.77	2.52	2.72	26.5	7.19	<1	7	0.35	<0.2	0.71	66.3	15	0.08
45588 (2283832)	1.34	0.85	0.31	6.98	14.7	1.11	3	<1	0.29	<0.2	2.91	1.4	63	0.12
45589 (2283833)	1.39	0.86	0.37	7.17	14.1	1.16	3	<1	0.31	<0.2	2.45	0.6	55	0.14
45590 (2283834)	1.93	1.19	0.63	8.65	16.9	1.92	2	1	0.41	0.2	3.26	6.9	71	0.19
45591 (2283835)	2.18	0.94	1.73	3.91	24.9	5.40	1	5	0.38	0.2	1.18	46.9	21	0.11
45592 (2283836)	2.05	0.77	1.76	3.95	24.9	5.14	1	4	0.33	0.2	1.25	47.9	22	0.10
45593 (2283837)	1.82	0.51	2.00	2.06	26.1	5.83	1	5	0.27	<0.2	1.91	57.3	10	0.05
45594 (2283838)	1.90	0.68	1.79	2.74	25.6	5.31	1	5	0.30	0.3	1.88	50.5	15	0.08
45595C-DUP (2283839)	1.89	0.70	1.85	2.75	25.9	5.24	<1	5	0.30	<0.2	1.92	50.0	16	0.08
45596 (2283840)	1.62	0.53	1.83	1.99	25.0	5.43	1	5	0.24	<0.2	1.74	51.4	<10	0.05
45597 (2283841)	2.37	1.48	0.55	9.01	14.0	1.85	1	<1	0.52	<0.2	0.67	2.3	18	0.22
45598 (2283842)	1.09	0.70	0.31	7.16	8.88	0.87	2	<1	0.23	<0.2	0.41	0.5	19	0.09
45599 (2283843)	1.28	0.82	0.27	7.31	8.42	0.91	3	<1	0.26	<0.2	<0.05	0.7	<10	0.12
45600 (2283844)	1.54	1.04	0.42	7.78	9.07	1.20	3	<1	0.33	<0.2	0.24	0.6	10	0.14

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727517

PROJECT: 2021 Surimeau DDH Batch 2

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
45551 (2283795)	3.18	923	<2	5	57.3	56	0.16	38	15.1	54.8	2.12	0.1	17	27.5
45552 (2283796)	1.54	95	<2	<1	1.0	<5	<0.01	<5	0.21	<0.2	0.59	0.2	<5	4.95
45553 (2283797)	3.29	893	<2	6	59.2	61	0.17	35	15.1	77.1	2.64	<0.1	18	28.2
45554 (2283798)	0.83	372	3	6	27.8	108	0.05	29	7.48	102	2.51	0.3	16	30.3
45555 (2283799)	0.96	635	2	6	26.6	81	0.06	55	7.17	74.6	2.74	0.2	13	30.3
45556 (2283800)	1.13	538	110	6	27.2	169	0.06	33	7.19	62.9	2.43	0.2	14	30.2
45557 (2283801)	0.86	518	17	5	22.8	465	0.04	44	6.06	21.4	4.35	0.2	13	29.8
45558 (2283802)	5.69	2280	<2	<1	4.0	1060	<0.01	11	0.75	35.5	3.14	0.1	43	25.2
45559 (2283803)	7.14	2420	<2	1	5.4	928	0.02	10	1.17	57.3	0.30	0.1	36	23.2
45560 (2283804)	15.2	1200	<2	<1	1.6	1250	<0.01	<5	0.30	2.8	0.66	0.1	19	19.9
45561 (2283805)	17.2	1060	<2	<1	1.1	1550	<0.01	<5	0.21	1.9	0.13	0.1	15	21.1
45562C-DUP (2283806)	16.9	1060	<2	<1	1.3	1550	<0.01	<5	0.22	0.7	0.13	0.1	14	20.9
45563 (2283807)	15.6	1190	<2	<1	1.3	1530	<0.01	<5	0.21	1.7	0.52	0.1	19	22.6
45564 (2283808)	10.1	2470	<2	<1	3.0	1250	0.01	7	0.54	63.7	0.74	0.1	34	18.1
45565 (2283809)	9.93	2270	<2	<1	3.0	1180	<0.01	9	0.54	62.9	0.75	0.1	31	17.6
45566 (2283810)	15.2	1090	<2	<1	1.3	1310	0.01	<5	0.24	0.9	0.30	0.1	21	21.4
45567 (2283811)	15.6	1080	<2	<1	1.4	1310	<0.01	<5	0.23	0.8	0.09	<0.1	19	20.7
45568 (2283812)	15.7	1220	<2	<1	1.7	1200	<0.01	<5	0.26	1.1	0.19	0.1	23	21.1
45569 (2283813)	15.2	1220	<2	<1	1.8	1160	<0.01	5	0.31	0.6	0.17	0.1	22	20.5
45570 (2283814)	15.1	1240	<2	<1	1.8	1090	<0.01	<5	0.33	1.3	0.28	0.2	24	21.8
45571 (2283815)	14.8	1270	<2	<1	2.1	1100	0.02	6	0.39	0.4	0.34	0.1	21	20.4
45572 (2283816)	1.12	90	<2	<1	0.8	<5	<0.01	<5	0.18	0.3	0.63	<0.1	<5	3.42
45573 (2283817)	15.7	1230	<2	<1	1.5	1270	<0.01	<5	0.28	0.9	0.27	0.1	22	21.7
45574 (2283818)	15.2	1230	<2	<1	1.7	1160	<0.01	5	0.28	0.5	0.39	0.1	23	21.4
45575 (2283819)	14.8	1390	<2	<1	2.3	732	0.01	<5	0.45	0.8	0.31	0.1	20	21.6
45576 (2283820)	15.2	1240	<2	<1	1.7	884	<0.01	<5	0.32	0.2	0.17	0.1	20	23.0
45577 (2283821)	15.0	1260	<2	<1	1.8	688	0.01	<5	0.28	0.9	0.14	0.1	18	24.9
45578 (2283822)	15.1	1200	<2	<1	1.7	1220	<0.01	<5	0.30	0.7	0.58	0.2	23	21.8
45579 (2283823)	14.8	1230	<2	<1	1.5	1630	<0.01	8	0.28	0.5	0.92	0.1	24	19.6
45580 (2283824)	13.7	1710	<2	<1	2.2	892	<0.01	6	0.43	14.9	0.99	0.1	24	20.5
45581 (2283825)	15.4	1160	<2	<1	1.4	1030	<0.01	<5	0.23	<0.2	1.25	0.1	29	23.1
45582 (2283826)	15.3	1210	<2	<1	1.1	1370	<0.01	<5	0.20	1.2	0.45	<0.1	19	24.2

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727517

PROJECT: 2021 Surimeau DDH Batch 2

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
45583 (2283827)	15.5	1200	<2	<1	1.3	1240	<0.01	<5	0.25	0.6	0.42	0.2	19	24.2
45584 (2283828)	14.6	1050	<2	<1	1.9	1270	0.01	<5	0.34	0.5	1.09	0.2	22	22.4
45585 (2283829)	14.4	1230	<2	<1	2.0	1340	<0.01	<5	0.37	<0.2	1.31	0.1	23	22.1
45586 (2283830)	13.8	1420	3	<1	2.5	1160	<0.01	12	0.49	27.1	1.07	0.1	23	23.1
45587 (2283831)	1.09	237	3	6	64.5	29	0.13	40	17.3	23.8	0.94	0.1	<5	30.2
45588 (2283832)	13.3	1650	<2	<1	2.6	1120	<0.01	9	0.52	106	1.31	0.1	22	25.1
45589 (2283833)	12.2	1730	<2	<1	2.1	1120	<0.01	11	0.38	99.7	1.52	0.1	22	24.4
45590 (2283834)	11.6	1740	5	2	7.7	1050	0.03	16	1.90	120	2.08	0.1	26	23.7
45591 (2283835)	1.72	390	10	4	45.4	185	0.09	27	12.0	38.7	1.22	0.1	7	32.9
45592 (2283836)	1.73	388	8	4	47.2	179	0.08	29	12.4	46.7	1.19	0.2	7	32.4
45593 (2283837)	0.67	231	<2	4	55.7	10	0.10	21	14.5	44.4	0.36	0.2	<5	32.8
45594 (2283838)	0.82	272	4	5	49.4	40	0.09	29	13.0	40.5	0.66	0.2	<5	33.0
45595C-DUP (2283839)	0.83	268	4	5	49.0	44	0.10	27	12.9	36.7	0.69	0.1	<5	33.6
45596 (2283840)	0.63	245	2	4	51.0	13	0.08	21	13.1	26.9	0.26	0.1	<5	34.0
45597 (2283841)	4.87	2910	<2	<1	3.9	1350	<0.01	33	0.77	23.0	4.25	0.1	36	25.5
45598 (2283842)	10.2	2000	<2	<1	1.4	1240	<0.01	7	0.23	18.7	2.13	0.1	22	17.5
45599 (2283843)	13.1	1490	<2	<1	1.6	1140	<0.01	7	0.28	1.0	1.49	0.2	22	20.4
45600 (2283844)	11.4	1680	<2	<1	1.9	1150	<0.01	5	0.33	11.4	0.61	0.1	26	21.1

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727517

PROJECT: 2021 Surimeau DDH Batch 2

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
45551 (2283795)	10.1	12	1370	<0.5	0.91	7.9	0.38	1.1	0.20	1.83	123	<1	16.5	1.4
45552 (2283796)	0.2	<1	75.7	<0.5	<0.05	0.1	<0.01	<0.5	<0.05	0.12	<5	<1	2.1	0.1
45553 (2283797)	10.4	7	1120	<0.5	0.99	9.2	0.40	3.0	0.23	2.36	132	<1	18.3	1.6
45554 (2283798)	4.8	6	255	0.6	0.58	7.8	0.33	4.1	0.22	2.20	107	1	14.4	1.5
45555 (2283799)	4.6	3	184	0.6	0.55	7.9	0.31	3.6	0.19	2.55	87	<1	13.2	1.4
45556 (2283800)	4.7	4	144	0.6	0.59	7.8	0.33	3.2	0.23	2.37	102	1	15.5	1.6
45557 (2283801)	4.3	3	166	<0.5	0.54	6.2	0.27	1.4	0.24	1.86	74	<1	14.9	1.6
45558 (2283802)	1.4	<1	172	<0.5	0.41	0.2	0.37	2.1	0.25	0.08	251	<1	14.4	1.6
45559 (2283803)	1.6	<1	186	<0.5	0.42	0.8	0.31	2.4	0.23	0.28	215	<1	14.9	1.6
45560 (2283804)	0.6	<1	180	<0.5	0.18	<0.1	0.15	0.7	0.12	<0.05	93	<1	6.7	0.8
45561 (2283805)	0.4	<1	197	<0.5	0.13	<0.1	0.11	0.6	0.08	<0.05	64	<1	4.9	0.5
45562C-DUP (2283806)	0.6	<1	197	<0.5	0.15	<0.1	0.11	0.5	0.09	<0.05	63	<1	5.1	0.5
45563 (2283807)	0.5	<1	108	<0.5	0.17	<0.1	0.16	0.6	0.11	<0.05	96	<1	5.7	0.7
45564 (2283808)	1.2	<1	418	<0.5	0.36	<0.1	0.28	1.8	0.21	<0.05	187	2	12.4	1.4
45565 (2283809)	1.2	<1	372	<0.5	0.34	<0.1	0.27	1.8	0.19	<0.05	174	<1	12.3	1.3
45566 (2283810)	0.6	<1	88.5	<0.5	0.17	<0.1	0.16	<0.5	0.11	<0.05	106	<1	6.1	0.7
45567 (2283811)	0.5	<1	119	<0.5	0.15	<0.1	0.14	<0.5	0.09	<0.05	93	<1	5.8	0.7
45568 (2283812)	0.7	<1	127	<0.5	0.20	<0.1	0.19	<0.5	0.12	<0.05	116	<1	7.2	0.8
45569 (2283813)	0.7	<1	140	<0.5	0.20	<0.1	0.18	<0.5	0.12	<0.05	103	<1	7.6	0.9
45570 (2283814)	0.8	<1	121	<0.5	0.22	<0.1	0.19	<0.5	0.14	<0.05	109	<1	8.4	0.9
45571 (2283815)	0.9	<1	197	<0.5	0.23	<0.1	0.16	0.6	0.14	<0.05	100	<1	8.6	0.9
45572 (2283816)	0.2	<1	81.2	<0.5	<0.05	<0.1	<0.01	0.6	<0.05	0.14	<5	<1	2.2	0.1
45573 (2283817)	0.6	<1	129	<0.5	0.18	<0.1	0.18	0.9	0.11	<0.05	114	<1	7.1	0.8
45574 (2283818)	0.7	<1	126	<0.5	0.19	<0.1	0.19	0.8	0.12	<0.05	112	<1	7.4	0.9
45575 (2283819)	1.0	<1	224	<0.5	0.25	<0.1	0.13	0.8	0.15	<0.05	76	<1	9.3	1.0
45576 (2283820)	0.8	<1	118	<0.5	0.24	<0.1	0.12	0.7	0.14	<0.05	78	<1	8.2	0.9
45577 (2283821)	0.8	<1	88.5	<0.5	0.24	<0.1	0.09	0.5	0.14	<0.05	59	<1	8.2	0.9
45578 (2283822)	0.7	<1	112	<0.5	0.21	<0.1	0.19	<0.5	0.13	<0.05	118	1	7.4	0.9
45579 (2283823)	0.6	<1	126	<0.5	0.16	<0.1	0.22	<0.5	0.12	<0.05	133	<1	6.3	0.7
45580 (2283824)	0.8	<1	134	<0.5	0.22	<0.1	0.21	0.6	0.12	0.05	137	<1	7.9	0.8
45581 (2283825)	0.6	<1	34.8	<0.5	0.19	<0.1	0.24	<0.5	0.12	<0.05	144	<1	6.5	0.8
45582 (2283826)	0.5	<1	31.2	<0.5	0.15	<0.1	0.16	<0.5	0.09	<0.05	90	<1	5.3	0.6

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727517

PROJECT: 2021 Surimeau DDH Batch 2

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
45583 (2283827)	0.5	<1	38.4	<0.5	0.16	<0.1	0.15	<0.5	0.10	<0.05	95	<1	5.7	0.7
45584 (2283828)	0.7	<1	32.4	<0.5	0.22	<0.1	0.19	<0.5	0.14	<0.05	117	<1	7.7	0.9
45585 (2283829)	0.7	<1	23.3	<0.5	0.20	<0.1	0.20	<0.5	0.12	<0.05	120	<1	7.1	0.8
45586 (2283830)	0.9	<1	31.3	<0.5	0.25	<0.1	0.19	<0.5	0.12	0.07	124	<1	8.0	0.8
45587 (2283831)	10.2	<1	1670	<0.5	0.73	10.2	0.36	<0.5	0.09	3.03	33	<1	9.9	0.6
45588 (2283832)	0.8	<1	27.1	<0.5	0.21	0.1	0.17	2.0	0.11	0.13	117	<1	7.3	0.8
45589 (2283833)	0.8	2	26.0	<0.5	0.22	0.1	0.17	2.1	0.13	0.13	115	<1	7.8	0.9
45590 (2283834)	1.8	3	74.4	<0.5	0.34	1.9	0.23	2.6	0.17	0.66	139	<1	10.7	1.2
45591 (2283835)	7.4	1	1330	<0.5	0.58	7.9	0.28	1.1	0.12	2.41	52	<1	9.3	0.8
45592 (2283836)	7.4	<1	1260	<0.5	0.61	7.6	0.29	1.2	0.11	2.16	55	<1	8.7	0.7
45593 (2283837)	8.7	<1	1340	<0.5	0.60	8.2	0.30	1.1	0.06	2.15	34	<1	6.8	0.4
45594 (2283838)	7.8	110	1300	<0.5	0.59	8.0	0.28	1.0	0.08	2.22	42	14	8.0	0.6
45595C-DUP (2283839)	8.0	2	1340	<0.5	0.56	7.9	0.29	0.9	0.09	2.26	43	<1	8.0	0.6
45596 (2283840)	8.2	<1	1370	<0.5	0.57	7.6	0.27	0.8	0.07	2.04	33	<1	6.7	0.4
45597 (2283841)	1.3	7	408	<0.5	0.35	0.2	0.30	0.8	0.24	0.08	197	<1	13.1	1.5
45598 (2283842)	0.5	3	200	<0.5	0.18	<0.1	0.18	1.2	0.09	<0.05	115	<1	5.8	0.6
45599 (2283843)	0.6	<1	118	<0.5	0.18	<0.1	0.18	<0.5	0.11	<0.05	112	<1	6.7	0.8
45600 (2283844)	0.8	3	134	<0.5	0.23	<0.1	0.20	0.6	0.14	<0.05	137	<1	8.4	0.9

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727517

PROJECT: 2021 Surimeau DDH Batch 2

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
45551 (2283795)	118	139
45552 (2283796)	<5	2.2
45553 (2283797)	183	163
45554 (2283798)	1000	116
45555 (2283799)	714	132
45556 (2283800)	2010	136
45557 (2283801)	3850	123
45558 (2283802)	113	31.9
45559 (2283803)	106	42.7
45560 (2283804)	62	11.3
45561 (2283805)	44	8.5
45562C-DUP (2283806)	44	10.3
45563 (2283807)	57	12.4
45564 (2283808)	73	22.3
45565 (2283809)	76	21.1
45566 (2283810)	52	13.7
45567 (2283811)	48	12.0
45568 (2283812)	54	15.1
45569 (2283813)	48	15.0
45570 (2283814)	54	17.6
45571 (2283815)	49	14.7
45572 (2283816)	<5	1.2
45573 (2283817)	56	19.2
45574 (2283818)	53	15.0
45575 (2283819)	46	9.0
45576 (2283820)	46	10.3
45577 (2283821)	49	7.3
45578 (2283822)	52	17.3
45579 (2283823)	57	18.3
45580 (2283824)	77	18.5
45581 (2283825)	66	18.8
45582 (2283826)	61	12.9

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727517

PROJECT: 2021 Surimeau DDH Batch 2

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
45583 (2283827)	58	12.9
45584 (2283828)	55	20.3
45585 (2283829)	77	17.1
45586 (2283830)	143	16.5
45587 (2283831)	60	239
45588 (2283832)	347	14.2
45589 (2283833)	298	16.1
45590 (2283834)	1030	43.2
45591 (2283835)	868	167
45592 (2283836)	794	166
45593 (2283837)	66	184
45594 (2283838)	528	177
45595C-DUP (2283839)	566	176
45596 (2283840)	61	176
45597 (2283841)	282	26.8
45598 (2283842)	53	14.8
45599 (2283843)	49	14.7
45600 (2283844)	53	17.3

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727517

PROJECT: 2021 Surimeau DDH Batch 2

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
45551 (2283795)	75.99
45570 (2283814)	91.38
45590 (2283834)	78.17

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727517

PROJECT: 2021 Surimeau DDH Batch 2

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
45551 (2283795)	90.33
45570 (2283814)	87.50
45590 (2283834)	85.96

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O727517

PROJECT: 2021 Surimeau DDH Batch 2

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2283795	< 1	< 1	0.0%	2283809	< 1	< 1	0.0%	2283820	< 1	< 1	0.0%	2283835	2	< 1	
Al	2283795	7.98	7.67	4.0%	2283809	4.60	4.39	4.7%	2283820	2.07	2.12	2.4%	2283835	7.92	7.88	0.5%
As	2283795	< 5	< 5	0.0%	2283809	< 5	< 5	0.0%	2283820	< 5	< 5	0.0%	2283835	< 5	< 5	0.0%
B	2283795	< 20	< 20	0.0%	2283809	< 20	< 20	0.0%	2283820	< 20	< 20	0.0%	2283835	< 20	< 20	0.0%
Ba	2283795	2070	2140	3.3%	2283809	396	396	0.0%	2283820	3.2	3.8	17.1%	2283835	1720	1720	0.0%
Be	2283795	< 5	< 5	0.0%	2283809	< 5	< 5	0.0%	2283820	< 5	< 5	0.0%	2283835	< 5	< 5	0.0%
Bi	2283795	0.3	0.3	0.0%	2283809	0.34	0.37	8.5%	2283820	0.2	0.2	0.0%	2283835	0.3	0.3	0.0%
Ca	2283795	4.42	4.70	6.1%	2283809	9.56	9.07	5.3%	2283820	5.80	5.93	2.2%	2283835	2.18	2.17	0.5%
Cd	2283795	< 0.2	< 0.2	0.0%	2283809	< 0.2	< 0.2	0.0%	2283820	< 0.2	0.4		2283835	3.2	3.1	3.2%
Ce	2283795	123	134	8.6%	2283809	3.32	3.36	1.2%	2283820	1.77	1.74	1.7%	2283835	100	102	2.0%
Co	2283795	25.4	28.5	11.5%	2283809	120	124	3.3%	2283820	72.4	73.6	1.6%	2283835	32.2	31.1	3.5%
Cr	2283795	0.032	0.040	22.2%	2283809	0.323	0.314	2.8%	2283820	0.163	0.167	2.4%	2283835	0.0433	0.0439	1.4%
Cs	2283795	0.7	0.7	0.0%	2283809	9.2	9.4	2.2%	2283820	0.3	0.3	0.0%	2283835	2.2	2.2	0.0%
Cu	2283795	53	62	15.7%	2283809	98	98	0.0%	2283820	8	8	0.0%	2283835	124	124	0.0%
Dy	2283795	3.71	4.17	11.7%	2283809	2.15	2.16	0.5%	2283820	1.48	1.53	3.3%	2283835	2.18	2.22	1.8%
Er	2283795	1.57	1.82	14.7%	2283809	1.45	1.57	7.9%	2283820	1.01	0.95	6.1%	2283835	0.941	0.932	1.0%
Eu	2283795	2.30	2.54	9.9%	2283809	0.78	0.76	2.6%	2283820	0.25	0.25	0.0%	2283835	1.73	1.77	2.3%
Fe	2283795	5.01	5.56	10.4%	2283809	9.07	8.66	4.6%	2283820	6.74	6.82	1.2%	2283835	3.91	3.85	1.5%
Ga	2283795	24.9	23.8	4.5%	2283809	10.0	10.1	1.0%	2283820	5.71	5.70	0.2%	2283835	24.9	24.8	0.4%
Gd	2283795	7.69	8.75	12.9%	2283809	1.81	1.87	3.3%	2283820	1.14	1.14	0.0%	2283835	5.40	5.45	0.9%
Ge	2283795	2	3		2283809	2	2	0.0%	2283820	2	2	0.0%	2283835	1	1	0.0%
Hf	2283795	4	4	0.0%	2283809	< 1	< 1	0.0%	2283820	< 1	< 1	0.0%	2283835	5	5	0.0%
Ho	2283795	0.611	0.700	13.6%	2283809	0.486	0.483	0.6%	2283820	0.33	0.33	0.0%	2283835	0.38	0.38	0.0%
In	2283795	< 0.2	< 0.2	0.0%	2283809	< 0.2	< 0.2	0.0%	2283820	< 0.2	< 0.2	0.0%	2283835	0.2	0.2	0.0%
K	2283795	2.58	2.66	3.1%	2283809	1.41	1.36	3.6%	2283820	< 0.05	< 0.05	0.0%	2283835	1.18	1.16	1.7%
La	2283795	58.5	62.5	6.6%	2283809	1.20	1.26	4.9%	2283820	0.6	0.6	0.0%	2283835	46.9	47.7	1.7%
Li	2283795	14	15	6.9%	2283809	25	24	4.1%	2283820	< 10	< 10	0.0%	2283835	21	20	4.9%
Lu	2283795	0.20	0.22	9.5%	2283809	0.209	0.205	1.9%	2283820	0.132	0.138	4.4%	2283835	0.111	0.121	8.6%
Mg	2283795	3.18	3.42	7.3%	2283809	9.93	9.62	3.2%	2283820	15.2	15.3	0.7%	2283835	1.72	1.72	0.0%
Mn	2283795	923	993	7.3%	2283809	2270	2160	5.0%	2283820	1240	1250	0.8%	2283835	390	389	0.3%
Mo	2283795	< 2	< 2	0.0%	2283809	< 2	< 2	0.0%	2283820	< 2	< 2	0.0%	2283835	10	10	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2283795	5	6	18.2%	2283809	< 1	< 1	0.0%	2283820	< 1	< 1	0.0%	2283835	4	4	0.0%
Nd	2283795	57.3	64.4	11.7%	2283809	3.00	3.09	3.0%	2283820	1.74	1.77	1.7%	2283835	45.4	47.3	4.1%
Ni	2283795	56	64	13.3%	2283809	1180	1180	0.0%	2283820	884	908	2.7%	2283835	185	177	4.4%
P	2283795	0.163	0.178	8.8%	2283809	< 0.01	< 0.01	0.0%	2283820	< 0.01	< 0.01	0.0%	2283835	0.09	0.09	0.0%
Pb	2283795	38	51	29.2%	2283809	9	11	20.0%	2283820	< 5	< 5	0.0%	2283835	27	33	20.0%
Pr	2283795	15.1	16.6	9.5%	2283809	0.541	0.533	1.5%	2283820	0.32	0.30	6.5%	2283835	12.0	12.3	2.5%
Rb	2283795	54.8	55.3	0.9%	2283809	62.9	60.4	4.1%	2283820	0.2	1.6		2283835	38.7	38.6	0.3%
S	2283795	2.12	2.36	10.7%	2283809	0.75	0.73	2.7%	2283820	0.17	0.18	5.7%	2283835	1.22	1.21	0.8%
Sb	2283795	0.1	0.2		2283809	0.14	0.16	13.3%	2283820	0.1	0.1	0.0%	2283835	0.1	0.2	
Sc	2283795	17	19	11.1%	2283809	31	31	0.0%	2283820	20	20	0.0%	2283835	7	7	0.0%
Si	2283795	27.5	27.3	0.7%	2283809	17.6	16.8	4.7%	2283820	23.0	23.6	2.6%	2283835	32.9	31.7	3.7%
Sm	2283795	10.1	11.5	13.0%	2283809	1.2	1.2	0.0%	2283820	0.8	0.7	13.3%	2283835	7.4	7.7	4.0%
Sn	2283795	12	10	18.2%	2283809	< 1	< 1	0.0%	2283820	< 1	< 1	0.0%	2283835	1	2	
Sr	2283795	1370	1300	5.2%	2283809	372	356	4.4%	2283820	118	120	1.7%	2283835	1330	1290	3.1%
Ta	2283795	< 0.5	< 0.5	0.0%	2283809	< 0.5	< 0.5	0.0%	2283820	< 0.5	< 0.5	0.0%	2283835	< 0.5	< 0.5	0.0%
Tb	2283795	0.91	1.04	13.3%	2283809	0.34	0.34	0.0%	2283820	0.24	0.23	4.3%	2283835	0.581	0.610	4.9%
Th	2283795	7.9	8.6	8.5%	2283809	< 0.1	< 0.1	0.0%	2283820	< 0.1	< 0.1	0.0%	2283835	7.93	8.15	2.7%
Ti	2283795	0.38	0.43	12.3%	2283809	0.265	0.254	4.2%	2283820	0.12	0.12	0.0%	2283835	0.28	0.28	0.0%
Tl	2283795	1.1	1.4	24.0%	2283809	1.77	1.72	2.9%	2283820	0.7	0.7	0.0%	2283835	1.13	1.18	4.3%
Tm	2283795	0.204	0.238	15.4%	2283809	0.191	0.209	9.0%	2283820	0.135	0.129	4.5%	2283835	0.12	0.12	0.0%
U	2283795	1.83	2.10	13.7%	2283809	< 0.05	< 0.05	0.0%	2283820	< 0.05	< 0.05	0.0%	2283835	2.41	2.46	2.1%
V	2283795	123	137	10.8%	2283809	174	170	2.3%	2283820	78	79	1.3%	2283835	52	53	1.9%
W	2283795	< 1	< 1	0.0%	2283809	< 1	< 1	0.0%	2283820	< 1	< 1	0.0%	2283835	< 1	< 1	0.0%
Y	2283795	16.5	19.0	14.1%	2283809	12.3	12.5	1.6%	2283820	8.2	8.2	0.0%	2283835	9.3	9.3	0.0%
Yb	2283795	1.4	1.5	6.9%	2283809	1.32	1.37	3.7%	2283820	0.9	0.9	0.0%	2283835	0.8	0.8	0.0%
Zn	2283795	118	124	5.0%	2283809	76	70	8.2%	2283820	46	49	6.3%	2283835	868	874	0.7%
Zr	2283795	139	163	15.9%	2283809	21.1	20.2	4.4%	2283820	10.3	9.71	5.9%	2283835	167	164	1.8%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O727517

PROJECT: 2021 Surimeau DDH Batch 2

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.23	97%	90% - 110%					6.94	6.77	98%	90% - 110%	13.0	12.8	99%	90% - 110%
As	26	24	94%	90% - 110%												
Ba	540	533	99%	90% - 110%									1310	1359	104%	90% - 110%
Be	4.0	3.8	95%	90% - 110%												
Ca	0.907	0.889	98%	90% - 110%					4.01	4.04	101%	90% - 110%	1.42	1.43	100%	90% - 110%
Ce	98	106	108%	90% - 110%	58.2	62.8	107%	90% - 110%								
Co	15	14	95%	90% - 110%												
Cu	150	153	102%	90% - 110%									6.4	6.3	99%	90% - 110%
Er	3.7	3.7	100%	90% - 110%												
Fe	3.77	4.01	106%	90% - 110%					7.56	7.87	104%	90% - 110%				
Ga					22.6	24.4	108%	90% - 110%								
Hf	11	10	92%	90% - 110%												
K	2.55	2.66	104%	90% - 110%					2.02	2.11	104%	90% - 110%	3.68	3.95	107%	90% - 110%
La	44	48	109%	90% - 110%	27.5	30	109%	90% - 110%								
Li	47	50	106%	90% - 110%									65.0	70.3	108%	90% - 110%
Lu	0.6	0.6	101%	90% - 110%												
Mg	1.1	1	95%	90% - 110%					2.41	2.37	98%	90% - 110%				
Mn	780	793	102%	90% - 110%												
Mo	14	14	97%	90% - 110%												
Nb	20	19	93%	90% - 110%	22.6	22.6	100%	90% - 110%								
Nd					27.3	30.2	110%	90% - 110%								
Ni	32	35	110%	90% - 110%												
P													0.061	0.057	93%	90% - 110%
Pb	31	33	106%	90% - 110%												
Rb	144	141	98%	90% - 110%	85.4	91	106%	90% - 110%								
Sb	0.8	0.9	112%	90% - 110%												
Sc	12	12	102%	90% - 110%												
Si	28.4	30.1	106%	90% - 110%					23.65	24.91	105%	90% - 110%	24.4	26.2	107%	90% - 110%
Sm	7.4	8.1	109%	90% - 110%												
Sr	144	150	104%	90% - 110%									310	319	103%	90% - 110%
Ta	1.9	2	105%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Tb	1.2	1.3	112%	90% - 110%												
Th	18.4	20	108%	90% - 110%												
Ti	0.527	0.521	99%	90% - 110%									0.222	0.216	97%	90% - 110%
U	5.7	5.8	102%	90% - 110%												
V	77	76	99%	90% - 110%												
W	5	5	105%	90% - 110%												
Y	40	39	98%	90% - 110%	25.3	27.1	107%	90% - 110%								
Yb					2.66	2.95	110%	90% - 110%								
Zn	130	125	96%	90% - 110%									75.4	76.9	102%	90% - 110%
Zr	390	371	95%	90% - 110%	157	149	95%	90% - 110%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O727517

PROJECT: 2021 Surimeau DDH Batch 2

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O727517

PROJECT: 2021 Surimeau DDH Batch 2

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O727517

PROJECT: 2021 Surimeau DDH Batch 2

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC, QC (418)

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 3

AGAT WORK ORDER: 21O727521

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: May 13, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727521

PROJECT: 2021 Surimeau DDH Batch 3

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 13, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
45601 (2283858)	3.16
45602 (2283859)	1.06
45603 (2283860)	3.40
45604 (2283861)	4.32
45605 (2283862)	5.09
45606 (2283863)	4.69
45607 (2283864)	4.78
45608 (2283865)	5.06
45609 (2283866)	4.87
45610 (2283867)	4.74
45611 (2283868)	5.15
45612C-DUP (2283869)	-
45613 (2283870)	4.85
45614 (2283871)	3.19
45615 (2283872)	2.16
45616 (2283873)	5.09
45617 (2283874)	5.17
45618 (2283875)	5.01
45619 (2283876)	5.84
45620 (2283877)	5.08
45621 (2283878)	4.43
45622 (2283879)	0.83
45623 (2283880)	2.91
45624 (2283881)	3.37
45625 (2283882)	3.14
45626 (2283883)	3.02
45627 (2283884)	5.30
45628 (2283885)	4.83
45629 (2283886)	4.72
45630 (2283887)	3.99
45631 (2283888)	3.85

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727521

PROJECT: 2021 Surimeau DDH Batch 3

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 13, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
45632 (2283889)	4.37
45633 (2283890)	5.25
45634 (2283891)	4.58
45635 (2283892)	4.96
45636 (2283893)	5.32
45637 (2283894)	4.39
45638 (2283895)	5.17
45639 (2283896)	4.09
45640 (2283897)	3.13
45641 (2283898)	1.87
45642 (2283899)	1.70
45643 (2283900)	3.15
45644 (2283901)	3.02
45645C-DUP (2283902)	-
45646 (2283903)	2.34
45647 (2283904)	4.55
45648 (2283905)	3.44
45649 (2283906)	3.19
45650 (2283907)	4.12

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727521

PROJECT: 2021 Surimeau DDH Batch 3

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 13, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
45601 (2283858)	<1	4.29	<5	<20	68.8	<5	0.4	9.14	<0.2	2.0	109	0.284	1.8	49
45602 (2283859)	<1	0.03	<5	<20	23.0	<5	<0.1	37.6	<0.2	1.1	0.6	<0.005	0.1	<5
45603 (2283860)	<1	3.59	<5	<20	8.2	<5	0.3	6.11	<0.2	2.0	84.1	0.231	0.1	72
45604 (2283861)	<1	2.58	<5	<20	4.0	<5	0.5	4.62	<0.2	1.3	93.1	0.247	0.3	16
45605 (2283862)	<1	3.88	<5	<20	2.8	<5	0.2	3.84	<0.2	1.2	92.2	0.266	0.3	25
45606 (2283863)	<1	2.82	<5	<20	3.6	<5	0.4	5.43	<0.2	1.2	83.8	0.209	0.4	22
45607 (2283864)	<1	2.73	8	<20	2.8	<5	0.6	7.67	<0.2	1.6	83.5	0.206	0.3	31
45608 (2283865)	<1	2.65	<5	<20	3.7	<5	0.5	4.98	<0.2	1.2	90.1	0.204	0.4	6
45609 (2283866)	<1	3.77	<5	<20	3.8	<5	0.2	4.37	0.2	1.4	91.3	0.255	0.3	76
45610 (2283867)	<1	2.97	<5	<20	3.4	<5	0.2	4.60	0.3	1.5	83.1	0.215	0.2	23
45611 (2283868)	<1	2.88	<5	<20	4.1	<5	0.5	4.59	<0.2	1.4	93.5	0.212	0.3	5
45612C-DUP (2283869)	<1	3.05	<5	<20	4.3	<5	0.4	4.86	0.3	1.3	87.2	0.220	0.4	6
45613 (2283870)	<1	3.35	<5	<20	3.5	<5	0.8	4.54	<0.2	1.5	91.0	0.251	0.5	28
45614 (2283871)	<1	3.38	<5	<20	3.8	<5	0.5	4.65	0.2	1.1	91.9	0.243	0.2	53
45615 (2283872)	<1	3.60	<5	<20	3.6	<5	0.6	4.95	<0.2	1.3	99.3	0.226	0.3	54
45616 (2283873)	<1	3.01	<5	<20	5.1	<5	0.4	8.41	<0.2	1.5	88.9	0.231	0.5	142
45617 (2283874)	<1	3.69	<5	<20	12.9	<5	0.5	5.48	<0.2	2.2	89.2	0.257	0.3	82
45618 (2283875)	<1	2.96	<5	<20	3.4	<5	0.4	5.59	<0.2	1.6	82.2	0.204	0.4	15
45619 (2283876)	<1	3.75	<5	<20	3.8	<5	0.4	5.41	<0.2	1.9	89.2	0.253	0.4	81
45620 (2283877)	<1	3.39	<5	<20	4.0	<5	1.1	4.36	<0.2	1.1	94.8	0.236	0.4	25
45621 (2283878)	<1	3.79	<5	<20	3.8	<5	0.9	4.06	0.3	1.5	120	0.251	0.4	58
45622 (2283879)	<1	0.04	<5	<20	17.0	<5	<0.1	39.1	<0.2	1.0	0.5	<0.005	<0.1	<5
45623 (2283880)	<1	3.49	<5	<20	3.7	<5	0.9	4.58	0.2	1.0	88.3	0.233	0.3	39
45624 (2283881)	<1	3.42	<5	<20	96.0	<5	0.6	14.5	<0.2	2.4	89.9	0.233	0.9	13
45625 (2283882)	<1	3.96	<5	<20	237	<5	0.6	11.9	0.2	2.0	89.5	0.279	1.9	20
45626 (2283883)	<1	3.11	<5	<20	38.1	<5	0.7	7.93	0.3	1.4	77.9	0.220	1.3	33
45627 (2283884)	<1	3.95	<5	<20	6.2	<5	0.4	5.48	<0.2	1.9	93.0	0.256	0.3	91
45628 (2283885)	<1	3.19	<5	<20	4.6	<5	0.6	3.87	0.4	1.1	83.0	0.224	0.3	25
45629 (2283886)	<1	3.37	<5	<20	3.9	<5	0.6	3.94	<0.2	1.0	82.6	0.230	0.5	34
45630 (2283887)	<1	3.08	<5	<20	36.9	<5	0.5	5.44	<0.2	1.1	79.1	0.214	2.5	54
45631 (2283888)	<1	3.47	<5	<20	152	<5	0.9	7.42	0.2	2.9	77.8	0.208	8.0	22
45632 (2283889)	<1	3.77	<5	<20	349	<5	0.6	4.91	0.3	1.2	76.8	0.229	24.7	46

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727521

PROJECT: 2021 Surimeau DDH Batch 3

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 13, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
45633 (2283890)	<1	3.89	<5	<20	223	<5	0.7	4.66	0.3	1.9	74.2	0.222	12.8	31
45634 (2283891)	<1	3.59	<5	<20	6.8	<5	0.5	3.98	<0.2	2.1	84.3	0.229	0.5	66
45635 (2283892)	<1	3.31	<5	<20	3.4	<5	1.2	3.43	<0.2	1.7	89.6	0.235	0.4	49
45636 (2283893)	<1	3.41	<5	<20	4.1	<5	1.0	4.40	<0.2	2.6	88.6	0.229	0.2	60
45637 (2283894)	<1	3.42	<5	<20	4.4	<5	0.5	3.76	<0.2	1.7	94.4	0.226	0.4	42
45638 (2283895)	<1	3.46	<5	<20	199	<5	0.5	5.51	<0.2	1.4	92.1	0.226	0.3	67
45639 (2283896)	<1	3.58	<5	<20	3.9	<5	0.3	6.09	<0.2	1.6	89.2	0.254	0.3	90
45640 (2283897)	<1	2.83	<5	<20	5.8	<5	0.3	6.99	0.2	1.6	94.3	0.198	0.2	55
45641 (2283898)	<1	3.43	<5	<20	83.1	<5	0.5	6.06	<0.2	1.4	91.0	0.242	0.3	74
45642 (2283899)	<1	3.30	<5	<20	40.5	<5	0.5	6.28	<0.2	1.4	88.8	0.231	0.4	60
45643 (2283900)	<1	5.63	<5	<20	131	<5	0.3	7.93	<0.2	1.4	98.6	0.416	0.4	49
45644 (2283901)	<1	6.14	<5	<20	133	<5	0.5	6.28	0.3	1.5	93.5	0.435	0.3	153
45645C-DUP (2283902)	<1	6.25	<5	<20	122	<5	0.3	6.45	<0.2	2.1	87.3	0.451	0.2	158
45646 (2283903)	<1	6.14	<5	<20	181	<5	<0.1	6.01	<0.2	1.1	0.6	0.421	<0.1	262
45647 (2283904)	<1	7.40	<5	<20	321	<5	0.3	7.45	<0.2	2.1	103	0.118	3.3	1100
45648 (2283905)	<1	5.45	<5	<20	224	<5	0.4	6.62	<0.2	2.0	104	0.360	1.5	556
45649 (2283906)	<1	5.52	25	<20	164	<5	6.0	4.23	0.4	108	13.9	0.397	12.9	486
45650 (2283907)	<1	7.40	<5	<20	281	<5	<0.1	2.77	<0.2	<0.1	<0.5	0.026	<0.1	1510

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727521

PROJECT: 2021 Surimeau DDH Batch 3

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 13, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
45601 (2283858)	1.30	1.00	0.54	8.31	8.99	1.18	2	<1	0.37	<0.2	0.27	0.7	<10	0.11
45602 (2283859)	0.29	0.21	0.09	0.12	0.18	0.25	<1	<1	0.07	<0.2	<0.05	1.0	<10	<0.05
45603 (2283860)	1.36	0.91	0.20	7.48	7.27	0.95	2	<1	0.27	<0.2	0.05	0.9	<10	0.13
45604 (2283861)	1.20	0.69	0.17	6.17	6.60	0.80	2	<1	0.25	<0.2	<0.05	0.4	<10	0.07
45605 (2283862)	1.14	0.76	0.07	8.02	7.74	0.80	1	<1	0.27	<0.2	<0.05	0.4	<10	0.09
45606 (2283863)	1.05	0.71	0.15	7.06	5.88	0.83	2	<1	0.24	<0.2	<0.05	0.3	<10	0.09
45607 (2283864)	1.08	0.82	0.29	6.42	5.61	0.87	<1	<1	0.21	<0.2	<0.05	0.7	<10	0.08
45608 (2283865)	1.02	0.72	0.19	6.79	6.34	0.83	2	<1	0.22	<0.2	<0.05	0.4	<10	0.10
45609 (2283866)	1.24	0.77	0.11	7.82	7.52	1.02	2	<1	0.25	<0.2	<0.05	0.5	<10	0.14
45610 (2283867)	1.28	0.73	0.28	7.15	6.63	0.84	1	<1	0.26	<0.2	<0.05	0.5	<10	0.11
45611 (2283868)	0.91	0.77	0.22	6.92	7.43	0.94	2	<1	0.23	<0.2	<0.05	0.6	<10	0.12
45612C-DUP (2283869)	0.99	0.87	0.23	7.09	6.82	0.94	2	<1	0.21	<0.2	<0.05	0.6	<10	0.07
45613 (2283870)	2.47	1.90	1.20	7.47	7.75	1.89	2	1	0.51	<0.2	<0.05	0.5	<10	0.55
45614 (2283871)	1.17	0.84	0.16	7.64	7.50	0.70	2	<1	0.21	<0.2	<0.05	0.4	<10	0.12
45615 (2283872)	1.24	0.76	0.23	7.92	8.55	0.96	2	<1	0.31	<0.2	<0.05	0.4	<10	0.12
45616 (2283873)	1.29	0.88	0.42	6.82	6.61	1.02	2	<1	0.23	<0.2	<0.05	0.5	<10	0.11
45617 (2283874)	1.17	0.82	0.28	7.53	8.07	0.82	2	<1	0.23	<0.2	<0.05	0.8	<10	0.11
45618 (2283875)	1.29	0.66	0.21	6.97	6.79	0.89	2	<1	0.29	<0.2	<0.05	0.5	<10	0.12
45619 (2283876)	1.30	1.00	0.28	7.80	8.15	1.16	2	<1	0.30	<0.2	<0.05	0.6	<10	0.07
45620 (2283877)	1.04	0.74	0.19	7.43	8.50	0.82	2	<1	0.23	<0.2	<0.05	0.3	<10	0.15
45621 (2283878)	1.62	1.07	0.20	7.61	11.9	1.27	3	<1	0.35	<0.2	<0.05	0.5	<10	0.09
45622 (2283879)	0.20	0.11	<0.05	0.14	0.18	0.21	<1	<1	<0.05	<0.2	<0.05	1.0	<10	<0.05
45623 (2283880)	0.91	0.61	0.15	7.38	8.56	0.77	2	<1	0.26	<0.2	<0.05	0.3	<10	0.10
45624 (2283881)	1.42	0.99	0.34	7.14	7.70	1.20	2	<1	0.28	<0.2	0.28	0.9	<10	0.14
45625 (2283882)	1.48	0.89	0.20	7.88	7.89	1.06	2	<1	0.29	<0.2	0.50	0.7	16	0.11
45626 (2283883)	1.11	0.75	0.45	7.15	6.99	0.90	2	<1	0.24	<0.2	0.17	0.5	<10	0.12
45627 (2283884)	1.60	1.01	0.32	7.92	9.25	1.18	2	<1	0.35	<0.2	<0.05	0.6	<10	0.18
45628 (2283885)	1.14	0.70	0.15	7.16	8.50	0.70	2	<1	0.22	<0.2	<0.05	0.3	<10	0.07
45629 (2283886)	1.06	0.84	0.19	7.29	8.26	1.02	2	<1	0.25	<0.2	<0.05	0.3	<10	0.09
45630 (2283887)	1.12	0.69	0.14	7.02	8.16	0.74	3	<1	0.25	<0.2	0.21	0.5	<10	0.09
45631 (2283888)	1.57	1.00	0.95	7.24	11.2	1.23	3	<1	0.33	<0.2	0.88	1.1	29	0.14
45632 (2283889)	1.09	0.69	0.27	6.90	12.6	0.88	3	<1	0.22	<0.2	2.60	0.4	61	0.11

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727521

PROJECT: 2021 Surimeau DDH Batch 3

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 13, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
45633 (2283890)	1.01	0.56	0.21	7.12	11.1	1.10	3	<1	0.24	<0.2	1.53	0.5	39	0.11
45634 (2283891)	1.21	0.70	0.22	7.53	9.72	0.85	3	<1	0.29	<0.2	<0.05	0.7	<10	0.09
45635 (2283892)	1.21	0.79	0.23	7.50	8.85	1.08	3	<1	0.24	<0.2	<0.05	0.7	<10	0.08
45636 (2283893)	1.31	0.73	0.25	7.26	8.38	0.69	2	<1	0.26	<0.2	<0.05	1.4	<10	0.15
45637 (2283894)	1.08	0.68	0.20	7.68	7.28	0.95	2	<1	0.26	<0.2	<0.05	0.5	<10	0.09
45638 (2283895)	1.04	0.75	0.19	7.30	6.92	0.83	2	<1	0.22	<0.2	1.68	0.5	61	0.07
45639 (2283896)	1.44	0.87	0.16	7.97	6.89	1.02	2	<1	0.29	<0.2	<0.05	0.4	<10	0.14
45640 (2283897)	1.09	0.75	0.23	6.76	7.77	0.98	2	<1	0.28	<0.2	<0.05	0.5	<10	0.11
45641 (2283898)	1.18	0.68	0.13	7.27	6.56	0.80	2	<1	0.26	<0.2	1.19	0.6	47	0.12
45642 (2283899)	1.23	0.66	0.23	7.16	6.82	0.82	2	<1	0.24	<0.2	0.60	0.4	54	0.08
45643 (2283900)	1.64	0.93	0.15	9.13	8.76	1.14	2	<1	0.31	<0.2	0.47	0.4	34	0.14
45644 (2283901)	1.06	0.66	0.15	9.70	6.72	0.92	2	<1	0.24	<0.2	0.46	0.5	30	0.09
45645C-DUP (2283902)	1.44	0.87	0.20	9.85	8.26	1.09	2	<1	0.31	<0.2	0.41	0.7	27	0.10
45646 (2283903)	0.25	0.22	<0.05	9.90	0.17	0.35	<1	<1	0.06	<0.2	0.23	1.2	29	<0.05
45647 (2283904)	1.54	0.99	0.66	10.9	9.54	1.32	2	<1	0.34	<0.2	0.27	0.9	15	0.15
45648 (2283905)	1.57	0.96	0.55	9.70	8.77	1.20	2	<1	0.34	<0.2	0.29	0.8	25	0.15
45649 (2283906)	7.36	4.41	1.45	8.77	21.6	7.71	2	10	1.54	<0.2	0.23	48.4	20	0.59
45650 (2283907)	<0.05	<0.05	<0.05	8.80	0.01	<0.05	<1	<1	<0.05	<0.2	0.17	<0.1	<10	<0.05

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727521

PROJECT: 2021 Surimeau DDH Batch 3

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 13, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
45601 (2283858)	11.5	1760	<2	<1	2.2	1290	<0.01	9	0.29	8.6	0.57	2.9	29	20.4
45602 (2283859)	1.60	102	<2	<1	0.9	<5	<0.01	<5	0.21	0.5	0.65	2.2	<5	3.97
45603 (2283860)	14.4	1370	<2	<1	1.7	1130	<0.01	<5	0.32	1.8	0.49	0.8	24	22.1
45604 (2283861)	16.4	1030	<2	<1	1.3	1650	<0.01	<5	0.29	1.3	0.20	0.6	22	20.9
45605 (2283862)	16.4	1230	<2	<1	1.5	1250	<0.01	<5	0.23	0.9	0.16	1.2	26	21.2
45606 (2283863)	15.9	1250	<2	<1	0.9	1370	<0.01	<5	0.12	0.2	0.20	0.3	21	22.0
45607 (2283864)	15.2	1270	<2	<1	1.3	1410	<0.01	<5	0.20	0.3	0.27	0.5	19	19.3
45608 (2283865)	15.7	1270	<2	<1	1.2	1380	<0.01	<5	0.25	1.0	0.14	<0.1	19	21.6
45609 (2283866)	15.3	1290	<2	<1	1.5	1220	<0.01	<5	0.24	0.7	0.27	<0.1	25	20.4
45610 (2283867)	15.9	1280	<2	<1	1.9	1200	<0.01	20	0.26	0.3	0.14	<0.1	22	21.0
45611 (2283868)	16.5	1270	<2	<1	1.4	1430	<0.01	<5	0.25	0.5	0.10	0.3	20	20.5
45612C-DUP (2283869)	16.9	1300	<2	<1	1.6	1520	<0.01	<5	0.23	1.1	0.11	<0.1	21	21.1
45613 (2283870)	16.2	1230	<2	<1	1.4	1310	<0.01	<5	0.19	0.5	0.16	0.2	24	21.1
45614 (2283871)	16.4	1260	<2	<1	1.0	1530	<0.01	<5	0.22	0.5	0.24	<0.1	23	22.7
45615 (2283872)	15.7	1280	<2	<1	1.3	1440	<0.01	<5	0.31	1.2	0.23	1.1	21	22.8
45616 (2283873)	13.7	1370	<2	<1	1.7	1360	<0.01	<5	0.20	0.5	0.50	<0.1	22	19.8
45617 (2283874)	15.2	1140	<2	<1	1.7	1350	<0.01	<5	0.30	0.7	0.39	10.6	25	20.6
45618 (2283875)	14.8	1260	<2	<1	1.5	1140	<0.01	<5	0.23	0.9	0.16	0.3	20	20.8
45619 (2283876)	15.3	1360	<2	<1	1.8	1220	0.01	5	0.20	0.5	0.35	0.2	25	20.2
45620 (2283877)	17.0	1320	<2	<1	1.8	1470	<0.01	<5	0.24	0.8	0.17	0.2	22	24.8
45621 (2283878)	15.5	1220	<2	<1	1.7	1280	<0.01	<5	0.39	1.5	0.23	0.5	24	23.1
45622 (2283879)	1.74	112	<2	<1	0.8	<5	<0.01	15	0.17	0.7	0.63	0.3	<5	6.28
45623 (2283880)	16.0	1310	<2	<1	1.4	1480	<0.01	<5	0.21	0.8	0.24	0.1	21	24.5
45624 (2283881)	8.53	2120	<2	<1	1.8	1090	0.02	9	0.35	5.9	0.27	<0.1	24	20.0
45625 (2283882)	11.1	1900	<2	<1	1.8	1380	<0.01	9	0.30	13.9	0.29	<0.1	27	24.0
45626 (2283883)	13.4	1320	<2	<1	1.7	1140	<0.01	<5	0.25	6.5	0.35	<0.1	21	23.1
45627 (2283884)	14.4	1320	<2	<1	1.8	1090	<0.01	<5	0.33	1.4	0.59	<0.1	26	21.4
45628 (2283885)	16.0	1280	<2	<1	0.8	1410	<0.01	<5	0.19	1.3	0.18	0.4	20	24.2
45629 (2283886)	15.3	1200	<2	<1	1.4	1200	<0.01	<5	0.17	0.4	0.20	<0.1	22	23.8
45630 (2283887)	15.0	1270	<2	<1	1.3	1300	<0.01	<5	0.24	6.3	0.46	<0.1	21	24.5
45631 (2283888)	11.4	1480	<2	1	2.0	757	0.14	<5	0.40	38.0	0.29	<0.1	24	23.0
45632 (2283889)	14.0	1210	<2	1	1.3	1170	<0.01	7	0.26	115	0.32	<0.1	22	24.4

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727521

PROJECT: 2021 Surimeau DDH Batch 3

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 13, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
45633 (2283890)	15.0	1260	<2	1	1.2	1080	<0.01	7	0.29	57.1	0.26	<0.1	22	24.7
45634 (2283891)	15.3	1330	<2	<1	2.2	1150	<0.01	<5	0.47	2.1	0.54	<0.1	24	23.3
45635 (2283892)	16.0	1310	<2	<1	1.6	1330	<0.01	6	0.31	1.2	0.34	<0.1	23	22.5
45636 (2283893)	15.2	1280	<2	<1	2.2	1250	<0.01	<5	0.43	1.0	0.45	<0.1	22	21.9
45637 (2283894)	15.8	1250	<2	<1	1.4	1130	<0.01	<5	0.20	1.2	0.39	<0.1	24	23.6
45638 (2283895)	13.0	1560	<2	<1	1.3	999	<0.01	<5	0.25	0.6	0.49	0.7	24	23.5
45639 (2283896)	13.3	1730	<2	<1	1.6	1350	<0.01	19	0.23	0.5	1.08	0.2	25	22.8
45640 (2283897)	14.5	1420	<2	<1	1.9	1360	0.01	<5	0.26	1.0	0.76	<0.1	20	25.2
45641 (2283898)	13.0	1730	<2	<1	1.4	1320	<0.01	6	0.29	0.6	0.57	<0.1	24	23.7
45642 (2283899)	13.3	1770	<2	<1	1.4	1200	<0.01	5	0.26	0.8	0.50	0.4	23	23.8
45643 (2283900)	7.71	3280	<2	<1	1.5	2020	<0.01	<5	0.22	1.0	0.35	0.7	38	23.6
45644 (2283901)	5.54	4090	<2	<1	1.6	1600	<0.01	<5	0.19	0.9	0.65	0.8	45	24.9
45645C-DUP (2283902)	5.80	4200	<2	<1	1.3	1650	<0.01	<5	0.27	1.2	0.64	1.0	46	25.5
45646 (2283903)	4.98	3930	<2	<1	0.9	1680	<0.01	<5	0.24	1.2	1.33	2.8	41	25.4
45647 (2283904)	0.73	1770	<2	<1	1.6	1330	0.05	12	0.28	18.3	6.55	4.0	23	22.6
45648 (2283905)	4.29	3580	<2	<1	1.9	1520	0.03	8	0.34	9.3	3.86	2.6	35	24.7
45649 (2283906)	4.70	2750	12	19	40.4	2150	<0.01	38	11.5	151	3.09	3.0	38	25.7
45650 (2283907)	0.96	851	<2	<1	<0.1	541	0.04	<5	<0.05	<0.2	4.97	<0.1	17	23.7

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727521

PROJECT: 2021 Surimeau DDH Batch 3

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 13, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
45601 (2283858)	0.8	2	135	<0.5	0.20	0.1	0.23	<0.5	0.14	<0.05	154	<1	9.2	1.0
45602 (2283859)	0.2	<1	78.3	<0.5	<0.05	0.1	<0.01	<0.5	<0.05	0.09	<5	<1	2.8	0.1
45603 (2283860)	0.4	<1	51.4	<0.5	0.19	0.1	0.20	<0.5	0.16	<0.05	128	3	7.5	0.8
45604 (2283861)	0.3	8	47.5	<0.5	0.20	<0.1	0.14	<0.5	0.09	<0.05	114	<1	5.1	0.7
45605 (2283862)	0.6	<1	47.2	<0.5	0.17	<0.1	0.22	<0.5	0.12	<0.05	141	<1	6.8	0.7
45606 (2283863)	0.3	<1	72.7	<0.5	0.15	<0.1	0.15	<0.5	0.10	<0.05	103	<1	5.7	0.7
45607 (2283864)	0.4	<1	163	<0.5	0.15	<0.1	0.15	<0.5	0.13	<0.05	95	<1	6.2	0.6
45608 (2283865)	0.6	<1	79.4	<0.5	0.19	<0.1	0.15	<0.5	0.11	<0.05	91	<1	6.8	0.7
45609 (2283866)	0.5	<1	57.8	<0.5	0.21	<0.1	0.21	<0.5	0.14	<0.05	137	<1	8.1	0.7
45610 (2283867)	0.5	16	74.2	<0.5	0.18	<0.1	0.17	<0.5	0.10	<0.05	106	<1	8.2	0.8
45611 (2283868)	0.6	<1	107	<0.5	0.16	<0.1	0.16	<0.5	0.09	<0.05	100	10	6.8	0.7
45612C-DUP (2283869)	0.6	<1	116	<0.5	0.16	<0.1	0.16	<0.5	0.10	<0.05	107	<1	5.6	0.7
45613 (2283870)	4.4	<1	75.4	<0.5	0.43	0.3	0.20	<0.5	0.30	0.21	121	<1	6.7	1.3
45614 (2283871)	0.3	<1	59.8	<0.5	0.18	<0.1	0.19	<0.5	0.11	<0.05	117	<1	6.4	0.7
45615 (2283872)	0.8	<1	75.9	<0.5	0.16	<0.1	0.20	<0.5	0.12	<0.05	106	<1	4.6	0.8
45616 (2283873)	0.7	<1	164	<0.5	0.19	<0.1	0.18	<0.5	0.14	<0.05	113	<1	7.8	0.7
45617 (2283874)	0.8	<1	94.7	<0.5	0.19	0.1	0.20	<0.5	0.11	0.05	134	<1	6.0	0.7
45618 (2283875)	0.5	<1	106	<0.5	0.18	<0.1	0.17	<0.5	0.12	<0.05	98	<1	6.6	0.7
45619 (2283876)	0.6	2	94.2	<0.5	0.23	<0.1	0.21	<0.5	0.13	<0.05	138	<1	7.4	0.9
45620 (2283877)	0.5	<1	24.0	<0.5	0.16	<0.1	0.17	<0.5	0.14	<0.05	112	<1	7.0	0.7
45621 (2283878)	1.1	<1	20.9	<0.5	0.24	<0.1	0.20	<0.5	0.17	0.06	125	<1	9.4	0.9
45622 (2283879)	0.2	<1	75.4	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.11	<5	<1	2.8	0.1
45623 (2283880)	0.4	<1	25.3	<0.5	0.16	0.1	0.18	<0.5	0.07	<0.05	113	<1	6.0	0.7
45624 (2283881)	0.7	<1	359	<0.5	0.25	<0.1	0.19	<0.5	0.16	<0.05	129	<1	9.2	1.0
45625 (2283882)	0.8	<1	218	<0.5	0.20	<0.1	0.21	<0.5	0.13	<0.05	147	3	8.1	0.9
45626 (2283883)	0.7	<1	81.3	<0.5	0.17	<0.1	0.18	<0.5	0.13	<0.05	105	3	5.8	0.7
45627 (2283884)	0.8	<1	57.3	<0.5	0.20	<0.1	0.21	<0.5	0.14	<0.05	137	<1	9.7	1.0
45628 (2283885)	0.4	<1	23.6	<0.5	0.13	<0.1	0.17	<0.5	0.08	<0.05	106	<1	6.0	0.6
45629 (2283886)	0.6	<1	23.9	<0.5	0.11	<0.1	0.19	<0.5	0.13	<0.05	117	<1	7.5	0.7
45630 (2283887)	0.4	<1	36.6	<0.5	0.15	<0.1	0.16	<0.5	0.11	0.05	99	<1	5.5	0.7
45631 (2283888)	0.9	4	79.6	<0.5	0.26	<0.1	0.19	1.0	0.13	0.22	165	<1	10.1	0.9
45632 (2283889)	0.4	<1	39.6	<0.5	0.20	<0.1	0.18	2.8	0.10	0.09	103	<1	6.2	0.6

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727521

PROJECT: 2021 Surimeau DDH Batch 3

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 13, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
45633 (2283890)	0.6	<1	38.4	<0.5	0.14	<0.1	0.20	1.5	0.09	0.06	113	<1	6.7	0.8
45634 (2283891)	0.3	<1	23.7	<0.5	0.20	0.2	0.20	<0.5	0.12	0.10	118	1	8.4	0.8
45635 (2283892)	1.0	<1	25.5	<0.5	0.15	<0.1	0.19	<0.5	0.12	0.13	117	<1	7.0	0.6
45636 (2283893)	0.7	<1	56.2	<0.5	0.17	<0.1	0.19	<0.5	0.16	0.06	112	16	7.6	0.7
45637 (2283894)	0.7	<1	20.4	<0.5	0.18	<0.1	0.20	<0.5	0.11	<0.05	118	<1	5.4	0.7
45638 (2283895)	0.6	<1	30.0	<0.5	0.16	<0.1	0.20	<0.5	0.12	<0.05	132	10	6.8	0.6
45639 (2283896)	0.5	18	21.2	<0.5	0.23	<0.1	0.21	<0.5	0.10	<0.05	125	<1	7.7	0.8
45640 (2283897)	0.9	<1	22.3	<0.5	0.21	<0.1	0.14	<0.5	0.09	<0.05	99	<1	7.8	0.9
45641 (2283898)	0.4	<1	23.6	<0.5	0.18	<0.1	0.18	<0.5	0.12	<0.05	118	<1	5.4	0.7
45642 (2283899)	0.5	<1	24.3	<0.5	0.14	<0.1	0.18	<0.5	0.10	<0.05	115	<1	6.4	0.6
45643 (2283900)	0.4	<1	125	<0.5	0.18	<0.1	0.31	<0.5	0.14	<0.05	215	<1	7.9	0.9
45644 (2283901)	0.6	<1	152	<0.5	0.14	<0.1	0.35	<0.5	0.13	<0.05	272	<1	7.3	0.7
45645C-DUP (2283902)	0.9	<1	155	<0.5	0.21	0.1	0.36	<0.5	0.14	0.07	278	3	9.8	0.9
45646 (2283903)	0.3	<1	217	<0.5	<0.05	0.2	0.30	<0.5	<0.05	0.13	283	<1	2.5	0.1
45647 (2283904)	0.6	2	190	<0.5	0.22	<0.1	0.33	0.8	0.17	<0.05	104	2	8.6	1.0
45648 (2283905)	0.7	2	94.7	<0.5	0.22	<0.1	0.30	<0.5	0.18	<0.05	212	<1	7.7	1.0
45649 (2283906)	8.2	4	24.5	2.4	1.15	20.3	0.29	1.1	0.63	5.66	188	5	40.1	4.2
45650 (2283907)	<0.1	<1	148	<0.5	<0.05	<0.1	0.24	<0.5	<0.05	<0.05	75	<1	<0.5	<0.1

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727521

PROJECT: 2021 Surimeau DDH Batch 3

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 13, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
45601 (2283858)	67	21.7
45602 (2283859)	<5	1.5
45603 (2283860)	53	17.6
45604 (2283861)	46	15.7
45605 (2283862)	57	18.5
45606 (2283863)	60	12.4
45607 (2283864)	45	13.4
45608 (2283865)	53	16.4
45609 (2283866)	60	16.0
45610 (2283867)	52	14.5
45611 (2283868)	48	16.2
45612C-DUP (2283869)	58	13.7
45613 (2283870)	53	18.5
45614 (2283871)	59	17.3
45615 (2283872)	59	10.4
45616 (2283873)	50	14.6
45617 (2283874)	51	18.7
45618 (2283875)	48	11.2
45619 (2283876)	59	16.4
45620 (2283877)	61	14.0
45621 (2283878)	66	18.8
45622 (2283879)	5	1.2
45623 (2283880)	66	12.1
45624 (2283881)	57	17.3
45625 (2283882)	64	17.6
45626 (2283883)	53	12.7
45627 (2283884)	65	17.0
45628 (2283885)	66	15.5
45629 (2283886)	67	13.6
45630 (2283887)	69	13.7
45631 (2283888)	157	16.5
45632 (2283889)	141	16.9

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727521

PROJECT: 2021 Surimeau DDH Batch 3

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 13, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
45633 (2283890)	136	15.5
45634 (2283891)	83	17.5
45635 (2283892)	68	15.8
45636 (2283893)	52	13.5
45637 (2283894)	56	14.2
45638 (2283895)	99	16.3
45639 (2283896)	57	14.9
45640 (2283897)	49	21.8
45641 (2283898)	55	15.9
45642 (2283899)	56	13.5
45643 (2283900)	99	20.0
45644 (2283901)	358	16.5
45645C-DUP (2283902)	376	19.6
45646 (2283903)	524	2.0
45647 (2283904)	6900	21.3
45648 (2283905)	339	20.6
45649 (2283906)	588	375
45650 (2283907)	4960	<0.5

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727521

PROJECT: 2021 Surimeau DDH Batch 3

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 13, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
45601 (2283858)	85.74
45620 (2283877)	86.08
45640 (2283897)	87.43

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727521

PROJECT: 2021 Surimeau DDH Batch 3

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 13, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
45601 (2283858)	91.08
45620 (2283877)	90.56
45640 (2283897)	91.70

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O727521

PROJECT: 2021 Surimeau DDH Batch 3

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2283858	< 1	< 1	0.0%	2283872	< 1	< 1	0.0%	2283883	< 1	< 1	0.0%	2283898	< 1	< 1	0.0%
Al	2283858	4.29	4.50	4.8%	2283872	3.60	3.53	2.0%	2283883	3.11	3.05	1.9%	2283898	3.43	3.56	3.7%
As	2283858	< 5	< 5	0.0%	2283872	< 5	< 5	0.0%	2283883	< 5	< 5	0.0%	2283898	< 5	10	
B	2283858	< 20	< 20	0.0%	2283872	< 20	< 20	0.0%	2283883	< 20	< 20	0.0%	2283898	< 20	< 20	0.0%
Ba	2283858	68.8	86	22.2%	2283872	3.6	3.6	0.0%	2283883	38.1	37.4	1.9%	2283898	83.1	83.1	0.0%
Be	2283858	< 5	< 5	0.0%	2283872	< 5	< 5	0.0%	2283883	< 5	< 5	0.0%	2283898	< 5	< 5	0.0%
Bi	2283858	0.35	0.30	15.4%	2283872	0.6	0.6	0.0%	2283883	0.69	0.64	7.5%	2283898	0.5	0.6	18.2%
Ca	2283858	9.14	9.85	7.5%	2283872	4.95	4.77	3.7%	2283883	7.93	8.14	2.6%	2283898	6.06	6.22	2.6%
Cd	2283858	< 0.2	< 0.2	0.0%	2283872	< 0.2	< 0.2	0.0%	2283883	0.26	0.22	16.7%	2283898	< 0.2	< 0.2	0.0%
Ce	2283858	2.0	2.3	14.0%	2283872	1.34	1.04	25.2%	2283883	1.44	1.59	9.9%	2283898	1.41	1.76	22.1%
Co	2283858	109	102	6.6%	2283872	99.3	90.7	9.1%	2283883	77.9	77.3	0.8%	2283898	91.0	88.0	3.4%
Cr	2283858	0.284	0.302	6.1%	2283872	0.226	0.250	10.1%	2283883	0.220	0.215	2.3%	2283898	0.242	0.244	0.8%
Cs	2283858	1.8	3.1		2283872	0.3	0.1		2283883	1.30	1.39	6.7%	2283898	0.3	0.2	
Cu	2283858	49	45	8.5%	2283872	54	57	5.4%	2283883	33	32	3.1%	2283898	74	75	1.3%
Dy	2283858	1.30	1.50	14.3%	2283872	1.24	1.10	12.0%	2283883	1.11	1.21	8.6%	2283898	1.18	1.06	10.7%
Er	2283858	1.00	1.07	6.8%	2283872	0.755	0.644	15.9%	2283883	0.751	0.835	10.6%	2283898	0.68	0.77	12.4%
Eu	2283858	0.54	0.54	0.0%	2283872	0.226	0.209	7.8%	2283883	0.45	0.38	16.9%	2283898	0.13	0.16	20.7%
Fe	2283858	8.31	8.54	2.7%	2283872	7.92	7.65	3.5%	2283883	7.15	7.09	0.8%	2283898	7.27	7.48	2.8%
Ga	2283858	8.99	8.67	3.6%	2283872	8.55	7.93	7.5%	2283883	6.99	7.18	2.7%	2283898	6.56	6.02	8.6%
Gd	2283858	1.18	1.20	1.7%	2283872	0.96	0.75	24.6%	2283883	0.90	0.91	1.1%	2283898	0.797	0.744	6.9%
Ge	2283858	2	2	0.0%	2283872	2	2	0.0%	2283883	2	2	0.0%	2283898	2	1	
Hf	2283858	< 1	< 1	0.0%	2283872	< 1	< 1	0.0%	2283883	< 1	< 1	0.0%	2283898	< 1	< 1	0.0%
Ho	2283858	0.366	0.334	9.1%	2283872	0.31	0.20		2283883	0.245	0.260	5.9%	2283898	0.26	0.23	12.2%
In	2283858	< 0.2	< 0.2	0.0%	2283872	< 0.2	< 0.2	0.0%	2283883	< 0.2	< 0.2	0.0%	2283898	< 0.2	< 0.2	0.0%
K	2283858	0.27	0.44		2283872	< 0.05	< 0.05	0.0%	2283883	0.173	0.175	1.1%	2283898	1.19	1.20	0.8%
La	2283858	0.7	0.8	13.3%	2283872	0.4	0.4	0.0%	2283883	0.5	0.7		2283898	0.6	0.6	0.0%
Li	2283858	9	12	28.6%	2283872	< 10	< 10	0.0%	2283883	< 10	< 10	0.0%	2283898	47	48	2.1%
Lu	2283858	0.11	0.15		2283872	0.125	0.095	27.3%	2283883	0.12	0.09	28.6%	2283898	0.12	0.07	
Mg	2283858	11.5	11.1	3.5%	2283872	15.7	16.0	1.9%	2283883	13.4	13.4	0.0%	2283898	13.0	13.0	0.0%
Mn	2283858	1760	1880	6.6%	2283872	1280	1240	3.2%	2283883	1320	1340	1.5%	2283898	1730	1770	2.3%
Mo	2283858	< 2	< 2	0.0%	2283872	< 2	< 2	0.0%	2283883	< 2	< 2	0.0%	2283898	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2283858	< 1	< 1	0.0%	2283872	< 1	< 1	0.0%	2283883	< 1	< 1	0.0%	2283898	< 1	< 1	0.0%
Nd	2283858	2.16	1.97	9.2%	2283872	1.3	1.3	0.0%	2283883	1.69	1.42	17.4%	2283898	1.42	1.77	21.9%
Ni	2283858	1290	1300	0.8%	2283872	1440	1530	6.1%	2283883	1140	1140	0.0%	2283898	1320	1330	0.8%
P	2283858	< 0.01	0.01		2283872	< 0.01	< 0.01	0.0%	2283883	< 0.01	< 0.01	0.0%	2283898	< 0.01	< 0.01	0.0%
Pb	2283858	9	11	20.0%	2283872	< 5	< 5	0.0%	2283883	< 5	< 5	0.0%	2283898	6	< 5	
Pr	2283858	0.292	0.302	3.4%	2283872	0.31	0.25	21.4%	2283883	0.25	0.26	3.9%	2283898	0.29	0.22	27.5%
Rb	2283858	8.6	15.8		2283872	1.2	0.9	28.6%	2283883	6.51	7.16	9.5%	2283898	0.6	0.8	28.6%
S	2283858	0.566	0.553	2.3%	2283872	0.234	0.256	9.0%	2283883	0.35	0.35	0.0%	2283898	0.574	0.578	0.7%
Sb	2283858	2.90	3.39	15.6%	2283872	1.1	0.9	20.0%	2283883	< 0.1	< 0.1	0.0%	2283898	< 0.1	0.2	
Sc	2283858	29	31	6.7%	2283872	21	23	9.1%	2283883	21	21	0.0%	2283898	24	24	0.0%
Si	2283858	20.4	20.0	2.0%	2283872	22.8	22.0	3.6%	2283883	23.1	23.2	0.4%	2283898	23.7	24.3	2.5%
Sm	2283858	0.8	0.7	13.3%	2283872	0.8	0.5	46.2%	2283883	0.7	0.5		2283898	0.4	0.5	22.2%
Sn	2283858	2	3		2283872	< 1	< 1	0.0%	2283883	< 1	< 1	0.0%	2283898	< 1	< 1	0.0%
Sr	2283858	135	160	16.9%	2283872	75.9	72.9	4.0%	2283883	81.3	85.3	4.8%	2283898	23.6	23.8	0.8%
Ta	2283858	< 0.5	< 0.5	0.0%	2283872	< 0.5	< 0.5	0.0%	2283883	< 0.5	< 0.5	0.0%	2283898	< 0.5	< 0.5	0.0%
Tb	2283858	0.204	0.233	13.3%	2283872	0.16	0.15	6.5%	2283883	0.17	0.13	26.7%	2283898	0.176	0.160	9.5%
Th	2283858	0.1	< 0.1		2283872	< 0.1	< 0.1	0.0%	2283883	< 0.1	< 0.1	0.0%	2283898	< 0.1	< 0.1	0.0%
Ti	2283858	0.23	0.25	8.3%	2283872	0.196	0.191	2.6%	2283883	0.18	0.18	0.0%	2283898	0.183	0.188	2.7%
Tl	2283858	< 0.5	0.7		2283872	< 0.5	< 0.5	0.0%	2283883	< 0.5	< 0.5	0.0%	2283898	< 0.5	< 0.5	0.0%
Tm	2283858	0.141	0.158	11.4%	2283872	0.12	0.09	28.6%	2283883	0.13	0.13	0.0%	2283898	0.117	0.112	4.4%
U	2283858	< 0.05	< 0.05	0.0%	2283872	< 0.05	< 0.05	0.0%	2283883	< 0.05	< 0.05	0.0%	2283898	< 0.05	< 0.05	0.0%
V	2283858	154	164	6.3%	2283872	106	116	9.0%	2283883	105	103	1.9%	2283898	118	119	0.8%
W	2283858	< 1	2		2283872	< 1	< 1	0.0%	2283883	3	< 1		2283898	< 1	< 1	0.0%
Y	2283858	9.2	8.6	6.7%	2283872	4.6	6.7		2283883	5.8	5.9	1.7%	2283898	5.4	6.9	24.4%
Yb	2283858	0.95	0.88	7.7%	2283872	0.77	0.68	12.4%	2283883	0.72	0.78	8.0%	2283898	0.7	0.7	0.0%
Zn	2283858	67	65	3.0%	2283872	59	56	5.2%	2283883	53	53	0.0%	2283898	55	57	3.6%
Zr	2283858	21.7	21.1	2.8%	2283872	10.4	11.2	7.4%	2283883	12.7	13.4	5.4%	2283898	15.9	16.6	4.3%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O727521

PROJECT: 2021 Surimeau DDH Batch 3

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.78	104%	90% - 110%					6.94	7.37	106%	90% - 110%	13.0	13.2	102%	90% - 110%
As	26	27	104%	90% - 110%												
Ba	540	573	106%	90% - 110%									1310	1393	106%	90% - 110%
Be	4.0	3.4	85%	90% - 110%												
Ca	0.907	0.967	107%	90% - 110%					4.01	4.27	106%	90% - 110%	1.42	1.43	101%	90% - 110%
Ce	98	104	106%	90% - 110%	58.2	60.1	103%	90% - 110%								
Co	15	14	96%	90% - 110%												
Cu	150	163	109%	90% - 110%									6.4	5.9	92%	90% - 110%
Er	3.7	4.8	129%	90% - 110%												
Fe	3.77	4.06	108%	90% - 110%					7.56	8.09	107%	90% - 110%				
Ga					22.6	22	97%	90% - 110%								
Hf	11	10	89%	90% - 110%												
K	2.55	2.73	107%	90% - 110%					2.02	2.19	109%	90% - 110%	3.68	3.86	105%	90% - 110%
La	44	45	103%	90% - 110%	27.5	27.5	100%	90% - 110%								
Li	47	51	109%	90% - 110%									65.0	71	109%	90% - 110%
Mg	1.1	1.1	100%	90% - 110%					2.41	2.49	103%	90% - 110%				
Mn	780	826	106%	90% - 110%												
Mo	14	14	100%	90% - 110%												
Nb	20	19	93%	90% - 110%	22.6	20.9	92%	90% - 110%								
Nd					27.3	28.6	105%	90% - 110%								
Ni	32	35	109%	90% - 110%												
P													0.061	0.056	91%	90% - 110%
Pb	31	32	103%	90% - 110%												
Rb	144	136	95%	90% - 110%	85.4	81.4	95%	90% - 110%								
Sc	12	13	109%	90% - 110%												
Si	28.4	30.9	109%	90% - 110%					23.65	25.63	108%	90% - 110%	24.4	25.5	105%	90% - 110%
Sm	7.4	8.7	117%	90% - 110%												
Sr	144	155	107%	90% - 110%									310	318	103%	90% - 110%
Tb	1.2	1.1	90%	90% - 110%												
Th	18.4	19.5	106%	90% - 110%												
Ti	0.527	0.552	105%	90% - 110%									0.222	0.221	100%	90% - 110%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

U	5.7	6.8	120%	90% - 110%												
V	77	83	108%	90% - 110%												
W	5	5	102%	90% - 110%												
Y	40	39	98%	90% - 110%	25.3	24.2	96%	90% - 110%								
Yb					2.66	2.98	112%	90% - 110%								
Zn	130	131	100%	90% - 110%									75.4	82.8	110%	90% - 110%
Zr	390	351	90%	90% - 110%	157	141	90%	90% - 110%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O727521

PROJECT: 2021 Surimeau DDH Batch 3

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O727521

PROJECT: 2021 Surimeau DDH Batch 3

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O727521

PROJECT: 2021 Surimeau DDH Batch 3

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton
PROJECT: 2021 Surimeau DDH Batch 4
AGAT WORK ORDER: 21O727524
SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer
DATE REPORTED: Sep 07, 2021
PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

Disclaimer:
- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project Manager if you require additional sample storage time.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
- The test results reported herewith relate only to the samples as received by the laboratory.
- Measurement Uncertainty is not taken into consideration when stating conformity with a specified requirement.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727524

PROJECT: 2021 Surimeau DDH Batch 4

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
45651 (2283909)	4.18
45652 (2283910)	0.86
45653 (2283911)	4.16
45654 (2283912)	3.86
45655 (2283913)	0.06
45656 (2283914)	2.20
45657 (2283915)	1.52
45658 (2283916)	2.96
45659 (2283917)	2.42
45660 (2283918)	4.59
45661 (2283919)	4.38
45662C-DUP (2283920)	-
45663 (2283921)	3.01
45664 (2283922)	1.60
45665 (2283923)	1.54
45666 (2283924)	3.41
45667 (2283925)	3.86
45668 (2283926)	3.47
45669 (2283927)	2.40
45670 (2283928)	1.60
45671 (2283929)	2.62
45672 (2283930)	0.86
45673 (2283931)	3.55
45674 (2283932)	3.12
45675 (2283933)	2.91
45676 (2283934)	4.22
45677 (2283935)	4.77
45678 (2283936)	4.64
45679 (2283937)	4.55
45680 (2283938)	4.16
45681 (2283939)	4.16

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727524

PROJECT: 2021 Surimeau DDH Batch 4

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
45682 (2283940)	4.82
45683 (2283941)	4.56
45684 (2283942)	3.84
45685 (2283943)	4.16
45686 (2283944)	4.39
45687 (2283945)	3.27
45688 (2283946)	0.70
45689 (2283947)	3.41
45690 (2283948)	4.29
45691 (2283949)	1.56
45692 (2283950)	1.50
45693 (2283951)	2.32
45694 (2283952)	2.46
45695C-DUP (2283953)	-
45696 (2283954)	2.20
45697 (2283955)	3.66
45698 (2283956)	4.20
45699 (2283957)	4.28
45700 (2283958)	4.84

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727524

PROJECT: 2021 Surimeau DDH Batch 4

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
45651 (2283909)	<1	8.51	<5	<20	405	<5	0.9	3.09	11.2	81.1	92.5	0.042	<0.1	1210
45652 (2283910)	<1	0.06	<5	<20	12.3	<5	<0.1	38.3	<0.2	1.0	<0.5	<0.005	<0.1	<5
45653 (2283911)	2	8.84	<5	<20	368	<5	0.7	2.95	5.1	83.7	66.8	0.035	<0.1	851
45654 (2283912)	1	8.09	<5	<20	221	<5	0.8	3.81	9.6	74.8	81.2	0.033	0.1	1410
45655 (2283913)	3	1.03	21	85	59.4	<5	0.7	2.42	1.1	11.5	1190	0.023	0.6	14500
45656 (2283914)	1	7.04	<5	<20	362	<5	1.0	5.59	12.8	50.6	131	0.163	0.1	1240
45657 (2283915)	6	5.02	<5	<20	424	<5	2.0	11.2	20.5	25.1	217	0.095	0.2	9460
45658 (2283916)	2	5.29	<5	<20	179	<5	1.9	11.8	<0.2	5.9	169	0.368	0.1	1960
45659 (2283917)	<1	4.99	<5	<20	212	<5	0.9	9.42	<0.2	4.5	142	0.378	0.1	514
45660 (2283918)	<1	6.10	<5	<20	508	<5	0.6	10.6	<0.2	4.6	147	0.418	<0.1	494
45661 (2283919)	<1	5.32	<5	<20	226	<5	0.6	13.0	<0.2	5.9	158	0.376	<0.1	450
45662C-DUP (2283920)	<1	5.28	<5	<20	229	<5	0.6	12.7	0.3	6.2	158	0.389	<0.1	451
45663 (2283921)	<1	5.56	<5	<20	169	<5	1.4	8.27	<0.2	4.6	192	0.427	0.2	479
45664 (2283922)	<1	5.24	<5	<20	166	<5	1.5	8.81	0.2	5.8	176	0.404	0.2	630
45665 (2283923)	<1	5.14	<5	<20	195	<5	1.0	8.68	<0.2	5.3	165	0.395	0.2	647
45666 (2283924)	<1	5.56	<5	<20	191	<5	1.4	8.01	<0.2	3.6	184	0.430	0.1	701
45667 (2283925)	<1	9.56	<5	<20	621	<5	<0.1	2.67	<0.2	142	8.3	0.022	<0.1	82
45668 (2283926)	<1	9.43	<5	<20	631	<5	0.3	2.15	<0.2	119	7.8	0.025	0.1	42
45669 (2283927)	<1	8.27	<5	<20	1800	<5	<0.1	1.93	<0.2	109	6.6	0.021	0.4	25
45670 (2283928)	<1	9.06	<5	<20	1080	<5	0.3	2.26	<0.2	119	10.3	0.031	1.2	87
45671 (2283929)	<1	7.03	<5	<20	1150	<5	1.9	1.42	7.1	83.7	67.5	0.041	1.3	624
45672 (2283930)	<1	0.06	<5	<20	13.8	<5	<0.1	36.8	<0.2	1.2	0.9	<0.005	<0.1	<5
45673 (2283931)	<1	8.06	<5	<20	1460	<5	1.6	3.46	10.1	31.7	143	0.266	6.0	459
45674 (2283932)	<1	6.03	<5	<20	97.5	6	1.5	8.43	<0.2	41.6	156	0.422	1.0	36
45675 (2283933)	<1	3.67	<5	<20	43.3	<5	0.5	5.26	<0.2	1.9	104	0.263	1.4	102
45676 (2283934)	<1	2.99	<5	<20	<0.5	<5	1.2	3.18	<0.2	1.4	98.2	0.218	0.3	12
45677 (2283935)	<1	3.04	<5	<20	<0.5	<5	0.7	6.53	<0.2	2.1	92.8	0.226	0.2	47
45678 (2283936)	<1	3.72	<5	<20	<0.5	<5	0.5	4.64	<0.2	1.6	104	0.271	0.3	32
45679 (2283937)	<1	3.68	<5	<20	<0.5	<5	0.5	5.24	<0.2	1.2	99.6	0.234	0.2	59
45680 (2283938)	<1	3.81	<5	<20	1.7	<5	0.5	5.02	0.2	1.3	106	0.294	0.5	86
45681 (2283939)	<1	2.42	<5	<20	256	<5	0.6	7.85	<0.2	4.2	72.9	0.166	7.4	27
45682 (2283940)	<1	3.50	<5	<20	216	<5	0.7	5.67	<0.2	1.2	101	0.263	6.6	54

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727524

PROJECT: 2021 Surimeau DDH Batch 4

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
45683 (2283941)	<1	4.17	<5	<20	8.4	<5	0.3	5.29	<0.2	1.8	102	0.286	0.3	68
45684 (2283942)	<1	3.29	<5	<20	<0.5	<5	0.6	4.31	0.2	1.4	101	0.241	0.4	16
45685 (2283943)	<1	3.35	<5	<20	<0.5	<5	0.6	4.29	0.2	1.6	101	0.243	0.4	<5
45686 (2283944)	<1	3.53	<5	<20	<0.5	<5	0.5	5.55	<0.2	1.9	104	0.262	0.3	57
45687 (2283945)	<1	3.56	<5	<20	2.3	<5	0.3	6.62	<0.2	3.1	101	0.266	0.3	31
45688 (2283946)	<1	8.65	<5	<20	5580	<5	0.2	1.82	<0.2	111	74.6	0.072	49.8	<5
45689 (2283947)	<1	2.23	<5	<20	2.0	<5	0.2	7.24	0.3	3.3	82.3	0.166	0.3	57
45690 (2283948)	<1	3.04	<5	<20	2.5	<5	0.5	5.44	<0.2	2.8	92.1	0.217	0.5	<5
45691 (2283949)	<1	3.77	<5	<20	0.8	<5	0.3	4.32	<0.2	2.0	95.5	0.240	0.4	<5
45692 (2283950)	<1	3.79	<5	<20	<0.5	<5	0.3	4.04	<0.2	1.6	98.8	0.260	0.7	<5
45693 (2283951)	<1	2.39	<5	<20	<0.5	<5	0.1	7.04	<0.2	1.8	77.1	0.182	0.4	18
45694 (2283952)	<1	3.19	<5	<20	532	<5	0.5	15.8	<0.2	2.1	80.3	0.239	10.7	31
45695C-DUP (2283953)	<1	3.23	<5	<20	531	<5	0.9	15.8	<0.2	2.4	86.1	0.237	11.7	31
45696 (2283954)	<1	3.49	<5	<20	122	<5	0.3	9.32	<0.2	2.0	92.5	0.262	4.2	27
45697 (2283955)	<1	3.34	<5	<20	<0.5	<5	0.3	5.43	<0.2	1.6	100	0.244	0.5	55
45698 (2283956)	<1	2.84	<5	<20	<0.5	<5	0.3	5.17	<0.2	1.5	94.4	0.227	0.4	24
45699 (2283957)	<1	3.53	<5	<20	96.4	<5	0.3	7.72	<0.2	1.7	97.1	0.272	3.6	49
45700 (2283958)	<1	3.15	<5	<20	<0.5	<5	0.2	5.58	<0.2	1.8	97.2	0.244	0.5	32

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727524

PROJECT: 2021 Surimeau DDH Batch 4

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
45651 (2283909)	4.63	2.69	2.08	8.13	27.5	5.25	2	5	0.85	1.7	0.24	39.2	<10	0.40
45652 (2283910)	0.20	0.17	0.09	0.14	0.26	0.21	1	<1	<0.05	<0.2	<0.05	1.4	<10	<0.05
45653 (2283911)	3.50	1.93	1.68	6.81	27.0	4.77	1	5	0.72	0.5	0.24	40.5	<10	0.39
45654 (2283912)	4.05	2.10	2.07	7.06	24.1	4.99	2	4	0.73	1.1	0.25	35.1	<10	0.37
45655 (2283913)	0.92	0.61	0.25	33.5	2.60	1.08	1	<1	0.22	<0.2	0.14	5.9	<10	0.11
45656 (2283914)	3.77	2.48	1.82	9.91	25.1	4.03	3	3	0.76	1.1	0.47	23.9	11	0.39
45657 (2283915)	3.19	1.78	1.46	16.0	16.2	3.25	4	2	0.66	2.1	1.04	11.8	<10	0.22
45658 (2283916)	2.69	1.91	0.70	10.9	13.2	1.92	6	<1	0.62	<0.2	0.24	3.3	15	0.28
45659 (2283917)	2.34	1.69	0.57	9.37	15.9	1.68	5	<1	0.50	<0.2	0.25	2.0	20	0.29
45660 (2283918)	2.71	1.95	0.37	8.27	17.9	2.24	2	<1	0.63	<0.2	0.29	2.0	14	0.23
45661 (2283919)	3.04	2.01	0.45	7.78	14.9	2.18	2	<1	0.66	<0.2	0.18	2.9	13	0.28
45662C-DUP (2283920)	2.91	2.34	0.47	7.67	15.6	2.33	3	<1	0.69	0.2	0.18	3.1	13	0.30
45663 (2283921)	2.52	1.50	0.57	9.23	13.0	2.06	3	1	0.56	0.2	0.32	2.4	20	0.22
45664 (2283922)	2.14	1.60	0.89	9.84	17.8	2.04	3	<1	0.50	<0.2	0.38	2.8	27	0.32
45665 (2283923)	2.56	1.61	0.70	9.72	15.6	1.85	4	<1	0.54	0.2	0.39	2.9	26	0.26
45666 (2283924)	2.54	1.61	0.56	9.71	12.8	1.87	2	<1	0.49	0.4	0.25	1.6	20	0.21
45667 (2283925)	2.30	0.64	2.25	2.45	29.6	5.78	<1	7	0.30	<0.2	0.24	66.6	<10	0.07
45668 (2283926)	2.04	0.65	1.70	2.12	34.4	5.45	1	6	0.30	<0.2	0.25	55.4	<10	<0.05
45669 (2283927)	1.63	0.56	1.08	1.95	32.6	4.33	1	5	0.28	<0.2	1.31	51.4	<10	0.06
45670 (2283928)	1.90	0.61	1.57	2.74	29.1	4.70	2	6	0.30	<0.2	0.69	55.8	11	0.07
45671 (2283929)	3.73	2.24	1.53	6.71	26.7	5.44	2	4	0.83	0.6	0.73	40.9	12	0.33
45672 (2283930)	0.26	0.13	<0.05	0.14	0.02	0.19	<1	<1	<0.05	<0.2	<0.05	1.4	<10	<0.05
45673 (2283931)	3.63	2.27	1.05	9.25	20.3	3.57	2	3	0.74	1.6	1.25	14.4	45	0.35
45674 (2283932)	3.92	2.71	1.67	10.9	17.1	4.36	3	2	0.85	<0.2	0.37	17.8	19	0.41
45675 (2283933)	1.37	0.91	0.26	7.51	10.2	1.12	3	<1	0.36	<0.2	0.24	0.7	<10	0.09
45676 (2283934)	1.03	0.54	<0.05	6.99	8.97	0.71	3	<1	0.23	<0.2	<0.05	0.6	<10	0.10
45677 (2283935)	1.12	0.77	0.31	7.15	7.16	0.94	1	<1	0.32	<0.2	<0.05	1.0	<10	0.12
45678 (2283936)	1.25	0.71	0.15	7.68	8.17	0.72	1	<1	0.27	<0.2	<0.05	0.5	<10	0.11
45679 (2283937)	1.20	0.79	0.16	7.51	8.59	0.85	<1	<1	0.27	<0.2	<0.05	0.4	<10	0.10
45680 (2283938)	1.28	0.95	0.85	7.25	9.72	0.99	2	<1	0.23	<0.2	0.06	0.3	<10	0.09
45681 (2283939)	1.89	0.96	0.77	6.09	5.99	1.40	4	<1	0.40	<0.2	0.97	1.5	22	0.16
45682 (2283940)	1.14	0.69	0.26	7.25	9.17	0.93	3	<1	0.18	<0.2	0.78	0.3	20	0.09

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727524

PROJECT: 2021 Surimeau DDH Batch 4

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
45683 (2283941)	1.45	1.11	0.21	8.34	9.93	1.21	2	<1	0.41	<0.2	0.06	0.6	<10	0.17
45684 (2283942)	1.02	0.87	0.11	7.41	7.54	0.80	2	<1	0.23	<0.2	<0.05	0.5	<10	0.10
45685 (2283943)	1.54	1.05	0.15	7.55	6.05	0.76	2	<1	0.32	<0.2	<0.05	0.6	<10	0.12
45686 (2283944)	1.35	1.10	0.33	7.87	8.77	1.10	1	<1	0.33	<0.2	<0.05	0.7	<10	0.15
45687 (2283945)	1.80	1.18	0.44	7.95	11.0	1.58	3	<1	0.46	<0.2	0.05	1.1	<10	0.19
45688 (2283946)	6.84	4.15	0.24	10.9	29.7	9.88	2	4	1.58	<0.2	6.81	52.5	273	0.63
45689 (2283947)	1.85	1.11	0.32	6.13	5.77	1.28	3	<1	0.42	<0.2	<0.05	1.0	<10	0.12
45690 (2283948)	1.41	0.89	0.24	6.50	10.5	1.09	1	<1	0.29	<0.2	<0.05	1.0	<10	0.14
45691 (2283949)	1.18	0.82	0.26	7.11	8.99	1.13	1	<1	0.40	<0.2	<0.05	0.7	<10	0.24
45692 (2283950)	1.39	0.93	0.12	7.31	8.82	1.04	2	<1	0.30	<0.2	<0.05	0.5	<10	0.12
45693 (2283951)	1.25	0.95	0.27	6.86	8.37	0.96	1	<1	0.27	<0.2	<0.05	0.5	<10	0.13
45694 (2283952)	1.64	0.88	0.37	6.97	6.84	1.10	1	<1	0.37	<0.2	1.35	0.9	57	0.16
45695C-DUP (2283953)	1.49	1.00	0.34	6.97	8.37	1.09	<1	<1	0.35	<0.2	1.34	1.0	58	0.12
45696 (2283954)	1.59	0.88	0.48	7.71	6.36	0.97	2	<1	0.29	<0.2	0.50	0.7	20	0.09
45697 (2283955)	1.43	1.02	0.21	7.45	6.67	1.15	2	<1	0.27	<0.2	<0.05	0.5	<10	0.11
45698 (2283956)	1.24	0.74	0.15	7.04	7.22	0.87	3	<1	0.28	<0.2	<0.05	0.5	<10	0.11
45699 (2283957)	1.21	0.68	0.35	7.70	5.46	0.90	1	<1	0.25	<0.2	0.35	0.7	<10	0.11
45700 (2283958)	1.53	1.19	0.23	7.68	10.9	1.35	2	<1	0.36	<0.2	<0.05	0.6	<10	0.14

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727524

PROJECT: 2021 Surimeau DDH Batch 4

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
45651 (2283909)	0.95	803	61	9	35.1	498	0.04	25	9.54	5.9	4.60	<0.1	16	27.7
45652 (2283910)	1.53	98	<2	<1	1.1	<5	<0.01	<5	0.22	0.3	0.55	<0.1	<5	3.75
45653 (2283911)	1.04	708	23	7	36.4	329	0.05	30	9.49	3.7	3.55	<0.1	18	28.8
45654 (2283912)	1.05	1010	26	7	30.9	491	0.03	30	8.76	6.1	3.98	<0.1	17	27.4
45655 (2283913)	1.73	564	<2	<1	5.0	22400	<0.01	42	1.37	4.8	21.1	0.3	<5	7.47
45656 (2283914)	1.41	1940	31	4	24.0	964	0.03	32	5.94	16.2	5.53	<0.1	24	24.3
45657 (2283915)	0.45	3120	28	2	14.0	1650	0.02	29	3.42	29.1	10.7	0.2	13	15.8
45658 (2283916)	1.75	6180	34	1	4.6	2390	<0.01	49	0.99	8.2	5.65	<0.1	32	19.8
45659 (2283917)	3.17	6740	4	<1	3.4	2400	<0.01	14	0.66	8.5	3.85	<0.1	30	25.2
45660 (2283918)	2.06	5170	10	<1	3.7	2320	<0.01	20	0.64	8.9	3.92	0.1	37	23.0
45661 (2283919)	2.04	5210	2	1	4.1	2480	0.01	18	0.86	5.7	3.41	<0.1	34	22.1
45662C-DUP (2283920)	2.05	5110	<2	2	4.4	2610	<0.01	19	0.93	5.5	3.46	<0.1	35	21.9
45663 (2283921)	2.93	4200	3	2	3.7	3840	0.02	15	0.69	11.3	3.87	<0.1	37	25.7
45664 (2283922)	3.53	5340	2	2	4.0	3050	0.05	17	0.78	13.6	3.85	0.1	35	25.4
45665 (2283923)	3.83	5210	4	2	4.1	2900	0.06	15	0.79	16.6	3.79	<0.1	35	25.1
45666 (2283924)	3.04	4230	3	2	3.3	3330	<0.01	16	0.56	8.2	4.04	<0.1	37	25.2
45667 (2283925)	0.86	337	<2	6	66.1	16	0.13	18	17.4	4.2	0.64	<0.1	<5	31.7
45668 (2283926)	0.87	267	2	5	56.2	19	0.09	16	14.8	3.8	0.36	<0.1	<5	31.1
45669 (2283927)	0.63	218	<2	4	50.4	25	0.10	18	13.3	31.3	0.31	<0.1	<5	33.2
45670 (2283928)	1.20	321	<2	5	56.9	31	0.10	22	14.3	22.3	0.76	0.1	<5	31.6
45671 (2283929)	1.63	427	38	8	40.6	242	0.07	52	10.1	24.7	4.01	<0.1	18	27.4
45672 (2283930)	1.98	90	<2	<1	0.7	<5	<0.01	<5	0.27	<0.2	0.54	<0.1	<5	5.53
45673 (2283931)	2.55	1460	12	4	14.4	1050	0.01	40	4.01	60.3	3.10	<0.1	33	23.7
45674 (2283932)	7.24	3990	<2	3	21.2	1870	0.06	7	5.47	10.1	0.38	<0.1	48	21.9
45675 (2283933)	14.1	1350	<2	<1	2.1	1330	<0.01	<5	0.32	8.6	1.08	<0.1	23	23.5
45676 (2283934)	15.9	1110	<2	<1	1.0	1540	<0.01	<5	0.21	0.6	0.26	<0.1	17	24.1
45677 (2283935)	14.7	1420	<2	<1	1.9	1250	<0.01	<5	0.37	1.8	0.51	<0.1	19	20.5
45678 (2283936)	14.9	1200	<2	<1	1.5	1360	<0.01	<5	0.17	0.7	0.48	0.1	22	20.7
45679 (2283937)	14.3	1100	<2	<1	1.6	1130	<0.01	<5	0.23	0.5	0.72	<0.1	24	22.6
45680 (2283938)	14.7	1010	<2	<1	1.2	1450	<0.01	<5	0.19	0.6	0.72	<0.1	22	22.9
45681 (2283939)	12.8	1130	<2	<1	3.5	1030	0.26	<5	0.69	40.8	0.33	<0.1	13	25.5
45682 (2283940)	13.9	1100	<2	<1	1.5	1390	<0.01	<5	0.25	36.3	0.61	<0.1	20	23.8

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727524

PROJECT: 2021 Surimeau DDH Batch 4

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
45683 (2283941)	14.0	1250	<2	<1	1.9	1050	<0.01	<5	0.36	3.0	0.64	0.2	26	20.0
45684 (2283942)	14.8	1320	<2	<1	1.6	1330	<0.01	<5	0.26	0.6	0.22	<0.1	20	21.8
45685 (2283943)	15.5	1270	<2	<1	1.7	1320	<0.01	<5	0.24	0.6	0.13	<0.1	20	21.9
45686 (2283944)	15.1	1370	<2	<1	2.1	1250	<0.01	<5	0.35	0.5	0.25	<0.1	23	21.8
45687 (2283945)	14.4	1480	<2	<1	2.6	1140	<0.01	<5	0.54	1.0	0.28	0.2	23	23.1
45688 (2283946)	10.3	1020	<2	7	60.5	138	0.34	27	14.5	351	0.03	<0.1	50	17.4
45689 (2283947)	14.2	1290	<2	<1	4.0	972	<0.01	<5	0.50	1.6	0.22	<0.1	14	22.1
45690 (2283948)	15.7	1150	<2	<1	2.1	1440	<0.01	<5	0.36	0.8	0.11	<0.1	17	19.5
45691 (2283949)	15.7	1140	<2	<1	1.9	1160	<0.01	<5	0.42	1.6	0.07	<0.1	21	19.1
45692 (2283950)	15.9	1130	<2	<1	1.6	1290	<0.01	<5	0.23	1.1	0.07	<0.1	22	20.7
45693 (2283951)	14.4	1320	<2	<1	1.6	905	<0.01	<5	0.35	1.3	0.16	<0.1	19	21.4
45694 (2283952)	8.29	2170	<2	<1	2.4	1120	<0.01	10	0.31	71.3	0.24	<0.1	20	16.9
45695C-DUP (2283953)	8.34	2170	<2	<1	2.0	1080	<0.01	12	0.37	73.4	0.25	0.2	21	16.9
45696 (2283954)	12.1	1580	<2	<1	2.1	1250	<0.01	5	0.37	24.0	0.17	<0.1	21	18.9
45697 (2283955)	14.5	1220	<2	<1	2.1	1370	<0.01	6	0.29	1.7	0.16	0.3	20	21.0
45698 (2283956)	15.0	1320	<2	<1	1.8	1420	<0.01	<5	0.27	0.6	0.12	<0.1	19	20.9
45699 (2283957)	13.8	1380	<2	<1	1.9	1260	<0.01	<5	0.39	16.3	0.22	<0.1	21	19.2
45700 (2283958)	14.7	1310	<2	<1	1.9	1170	<0.01	<5	0.31	1.0	0.14	0.3	22	21.1

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727524

PROJECT: 2021 Surimeau DDH Batch 4

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
45651 (2283909)	7.0	9	89.9	0.6	0.86	11.0	0.33	<0.5	0.39	3.30	91	<1	22.1	2.6
45652 (2283910)	0.2	<1	81.7	<0.5	<0.05	0.1	<0.01	<0.5	<0.05	0.10	<5	<1	2.5	0.1
45653 (2283911)	5.9	8	225	<0.5	0.58	10.8	0.31	<0.5	0.35	3.21	91	<1	18.8	2.3
45654 (2283912)	5.3	7	91.4	<0.5	0.70	10.5	0.28	<0.5	0.36	2.96	91	<1	19.1	2.3
45655 (2283913)	1.3	1	31.0	<0.5	0.17	1.0	0.11	<0.5	0.10	0.24	59	4	4.6	0.5
45656 (2283914)	5.0	12	162	<0.5	0.63	6.5	0.29	<0.5	0.40	1.43	144	<1	20.5	2.4
45657 (2283915)	2.6	11	161	<0.5	0.49	1.8	0.24	<0.5	0.29	0.58	70	<1	19.4	2.1
45658 (2283916)	1.4	8	170	<0.5	0.39	0.2	0.28	<0.5	0.26	0.26	214	<1	15.6	1.9
45659 (2283917)	1.5	5	109	<0.5	0.34	<0.1	0.26	<0.5	0.23	0.20	227	<1	15.2	1.6
45660 (2283918)	1.3	6	136	<0.5	0.33	0.1	0.31	<0.5	0.28	0.11	243	<1	16.8	1.8
45661 (2283919)	1.4	4	123	<0.5	0.38	<0.1	0.28	<0.5	0.27	0.36	248	<1	18.6	2.2
45662C-DUP (2283920)	1.4	4	123	<0.5	0.42	<0.1	0.28	<0.5	0.32	0.41	251	<1	18.9	2.1
45663 (2283921)	1.6	4	109	<0.5	0.39	0.1	0.32	<0.5	0.22	0.49	267	<1	13.7	1.6
45664 (2283922)	1.5	3	107	<0.5	0.35	<0.1	0.30	<0.5	0.27	0.65	271	<1	15.6	1.8
45665 (2283923)	1.2	3	112	<0.5	0.36	0.1	0.29	<0.5	0.23	0.55	269	<1	14.6	1.6
45666 (2283924)	1.0	3	150	<0.5	0.39	<0.1	0.32	<0.5	0.25	0.47	257	<1	13.6	1.8
45667 (2283925)	10.7	2	1500	<0.5	0.53	9.8	0.38	<0.5	0.08	2.78	55	<1	8.7	0.5
45668 (2283926)	8.8	1	1510	<0.5	0.48	8.6	0.31	<0.5	0.08	2.77	46	<1	7.8	0.5
45669 (2283927)	8.1	<1	1420	<0.5	0.34	7.7	0.29	<0.5	0.06	2.26	38	<1	6.5	0.4
45670 (2283928)	8.8	2	1510	<0.5	0.48	8.6	0.33	<0.5	0.09	2.88	57	<1	8.0	0.6
45671 (2283929)	6.2	8	302	0.7	0.77	9.6	0.32	<0.5	0.34	3.69	117	<1	19.9	2.4
45672 (2283930)	0.3	<1	78.1	<0.5	<0.05	0.1	<0.01	<0.5	<0.05	0.24	<5	<1	2.4	0.1
45673 (2283931)	3.1	6	474	<0.5	0.59	3.2	0.42	1.3	0.37	1.11	204	<1	21.1	2.3
45674 (2283932)	5.1	9	140	<0.5	0.74	3.2	0.47	<0.5	0.34	1.73	364	<1	21.5	2.3
45675 (2283933)	0.9	<1	28.0	<0.5	0.24	0.1	0.21	<0.5	0.17	0.06	148	<1	7.9	0.8
45676 (2283934)	0.6	<1	27.1	<0.5	0.14	<0.1	0.15	<0.5	0.11	<0.05	121	<1	4.0	0.6
45677 (2283935)	0.8	<1	125	<0.5	0.19	<0.1	0.18	<0.5	0.15	<0.05	132	<1	6.7	0.8
45678 (2283936)	0.8	<1	86.6	<0.5	0.17	<0.1	0.21	<0.5	0.10	<0.05	157	<1	6.9	0.8
45679 (2283937)	0.5	<1	38.8	<0.5	0.20	<0.1	0.21	<0.5	0.09	<0.05	150	<1	6.8	0.7
45680 (2283938)	0.6	<1	32.3	<0.5	0.18	<0.1	0.19	<0.5	0.10	0.05	150	<1	6.5	0.8
45681 (2283939)	1.1	5	97.0	<0.5	0.25	<0.1	0.13	1.0	0.16	0.35	152	<1	9.7	0.9
45682 (2283940)	0.6	<1	45.7	<0.5	0.15	<0.1	0.19	0.8	0.10	0.08	146	<1	5.2	0.6

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727524

PROJECT: 2021 Surimeau DDH Batch 4

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
45683 (2283941)	0.6	<1	101	<0.5	0.26	<0.1	0.23	<0.5	0.16	0.05	186	<1	8.6	1.0
45684 (2283942)	0.6	<1	90.9	<0.5	0.16	<0.1	0.19	<0.5	0.12	<0.05	143	<1	6.7	0.8
45685 (2283943)	0.7	<1	130	<0.5	0.21	<0.1	0.19	<0.5	0.13	<0.05	145	<1	6.8	0.8
45686 (2283944)	0.7	<1	134	<0.5	0.22	<0.1	0.20	<0.5	0.14	<0.05	163	<1	9.2	0.8
45687 (2283945)	0.8	<1	121	<0.5	0.25	0.1	0.20	<0.5	0.23	0.07	167	<1	11.0	1.1
45688 (2283946)	11.8	<1	233	0.7	1.25	9.5	0.78	8.1	0.56	2.38	344	<1	36.5	4.2
45689 (2283947)	1.1	<1	216	<0.5	0.28	0.2	0.13	<0.5	0.18	0.07	105	<1	10.2	1.3
45690 (2283948)	0.7	<1	286	<0.5	0.20	<0.1	0.15	<0.5	0.10	<0.05	132	<1	8.0	1.0
45691 (2283949)	1.0	<1	202	<0.5	0.28	<0.1	0.20	<0.5	0.20	<0.05	157	<1	7.0	0.9
45692 (2283950)	0.8	<1	149	<0.5	0.20	<0.1	0.20	<0.5	0.15	<0.05	162	<1	7.3	0.8
45693 (2283951)	0.8	1	237	<0.5	0.20	<0.1	0.15	<0.5	0.13	<0.05	115	<1	8.6	0.9
45694 (2283952)	1.1	<1	621	<0.5	0.19	<0.1	0.18	1.6	0.15	<0.05	143	<1	9.3	1.0
45695C-DUP (2283953)	1.0	<1	620	<0.5	0.23	<0.1	0.18	1.8	0.17	<0.05	144	<1	8.8	1.0
45696 (2283954)	0.7	<1	230	<0.5	0.20	<0.1	0.20	<0.5	0.12	<0.05	154	<1	7.4	0.8
45697 (2283955)	1.0	<1	123	<0.5	0.21	<0.1	0.19	<0.5	0.13	<0.05	142	<1	7.9	1.0
45698 (2283956)	0.6	<1	153	<0.5	0.17	<0.1	0.17	<0.5	0.08	<0.05	127	<1	7.0	0.8
45699 (2283957)	0.7	<1	216	<0.5	0.14	<0.1	0.21	<0.5	0.13	<0.05	159	<1	7.7	0.7
45700 (2283958)	0.6	<1	122	<0.5	0.25	<0.1	0.20	<0.5	0.17	<0.05	156	<1	9.7	0.8

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727524

PROJECT: 2021 Surimeau DDH Batch 4

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
45651 (2283909)	6230	171
45652 (2283910)	<5	10.3
45653 (2283911)	2450	165
45654 (2283912)	4470	150
45655 (2283913)	85	34.0
45656 (2283914)	5860	110
45657 (2283915)	9470	78.9
45658 (2283916)	279	29.4
45659 (2283917)	278	22.3
45660 (2283918)	257	28.0
45661 (2283919)	261	25.7
45662C-DUP (2283920)	248	26.3
45663 (2283921)	347	28.7
45664 (2283922)	368	27.4
45665 (2283923)	362	23.9
45666 (2283924)	383	29.0
45667 (2283925)	77	249
45668 (2283926)	66	205
45669 (2283927)	67	191
45670 (2283928)	136	206
45671 (2283929)	3840	152
45672 (2283930)	<5	8.9
45673 (2283931)	5960	93.6
45674 (2283932)	204	74.4
45675 (2283933)	60	18.6
45676 (2283934)	60	13.6
45677 (2283935)	47	14.1
45678 (2283936)	47	15.5
45679 (2283937)	52	18.9
45680 (2283938)	70	16.7
45681 (2283939)	79	12.9
45682 (2283940)	74	14.6

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727524

PROJECT: 2021 Surimeau DDH Batch 4

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
45683 (2283941)	61	25.2
45684 (2283942)	64	17.2
45685 (2283943)	52	16.9
45686 (2283944)	54	22.4
45687 (2283945)	57	18.9
45688 (2283946)	132	162
45689 (2283947)	43	15.6
45690 (2283948)	43	12.9
45691 (2283949)	45	17.3
45692 (2283950)	49	15.1
45693 (2283951)	43	12.5
45694 (2283952)	77	16.0
45695C-DUP (2283953)	51	15.3
45696 (2283954)	53	19.4
45697 (2283955)	50	19.0
45698 (2283956)	49	15.1
45699 (2283957)	46	15.0
45700 (2283958)	59	14.2

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727524

PROJECT: 2021 Surimeau DDH Batch 4

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
45651 (2283909)	75.83
45670 (2283928)	76.23
45690 (2283948)	80.67

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727524

PROJECT: 2021 Surimeau DDH Batch 4

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
45651 (2283909)	90.44
45670 (2283928)	91.41
45690 (2283948)	85.45

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O727524

PROJECT: 2021 Surimeau DDH Batch 4

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2283909	< 1	1		2283923	< 1	< 1	0.0%	2283934	< 1	< 1	0.0%	2283949	< 1	< 1	0.0%
Al	2283909	8.51	8.58	0.8%	2283923	5.14	5.18	0.8%	2283934	2.99	3.01	0.7%	2283949	3.77	3.76	0.3%
As	2283909	< 5	< 5	0.0%	2283923	< 5	< 5	0.0%	2283934	< 5	< 5	0.0%	2283949	< 5	< 5	0.0%
B	2283909	< 20	< 20	0.0%	2283923	< 20	< 20	0.0%	2283934	< 20	< 20	0.0%	2283949	< 20	< 20	0.0%
Ba	2283909	405	408	0.7%	2283923	195	193	1.0%	2283934	< 0.5	< 0.5	0.0%	2283949	0.8	< 0.5	
Be	2283909	< 5	< 5	0.0%	2283923	< 5	< 5	0.0%	2283934	< 5	< 5	0.0%	2283949	< 5	< 5	0.0%
Bi	2283909	0.9	0.9	0.0%	2283923	1.04	1.17	11.8%	2283934	1.23	1.15	6.7%	2283949	0.3	0.3	0.0%
Ca	2283909	3.09	3.12	1.0%	2283923	8.68	8.79	1.3%	2283934	3.18	3.22	1.3%	2283949	4.32	4.22	2.3%
Cd	2283909	11.2	11.5	2.6%	2283923	< 0.2	0.3		2283934	< 0.2	< 0.2	0.0%	2283949	< 0.2	0.3	
Ce	2283909	81.1	78.7	3.0%	2283923	5.29	5.76	8.5%	2283934	1.35	1.30	3.8%	2283949	2.0	2.0	0.0%
Co	2283909	92.5	91.4	1.2%	2283923	165	166	0.6%	2283934	98.2	94.4	3.9%	2283949	95.5	94.8	0.7%
Cr	2283909	0.0415	0.0327	23.7%	2283923	0.395	0.396	0.3%	2283934	0.218	0.225	3.2%	2283949	0.240	0.244	1.7%
Cs	2283909	< 0.1	< 0.1	0.0%	2283923	0.2	0.2	0.0%	2283934	0.3	0.4	28.6%	2283949	0.42	0.56	28.6%
Cu	2283909	1210	1230	1.6%	2283923	647	646	0.2%	2283934	12	9	28.6%	2283949	< 5	< 5	0.0%
Dy	2283909	4.63	4.57	1.3%	2283923	2.56	2.44	4.8%	2283934	1.03	0.96	7.0%	2283949	1.18	1.25	5.8%
Er	2283909	2.69	2.34	13.9%	2283923	1.61	1.66	3.1%	2283934	0.54	0.56	3.6%	2283949	0.82	0.82	0.0%
Eu	2283909	2.08	1.76	16.7%	2283923	0.70	0.77	9.5%	2283934	< 0.05	0.09		2283949	0.26	0.19	
Fe	2283909	8.13	8.17	0.5%	2283923	9.72	9.85	1.3%	2283934	6.99	7.02	0.4%	2283949	7.11	7.04	1.0%
Ga	2283909	27.5	26.3	4.5%	2283923	15.6	15.2	2.6%	2283934	8.97	7.35	19.9%	2283949	8.99	8.66	3.7%
Gd	2283909	5.25	5.05	3.9%	2283923	1.85	1.97	6.3%	2283934	0.71	0.77	8.1%	2283949	1.13	0.962	16.1%
Ge	2283909	2	2	0.0%	2283923	4	5	22.2%	2283934	3	3	0.0%	2283949	1	1	0.0%
Hf	2283909	5	5	0.0%	2283923	< 1	< 1	0.0%	2283934	< 1	< 1	0.0%	2283949	< 1	< 1	0.0%
Ho	2283909	0.854	0.899	5.1%	2283923	0.54	0.54	0.0%	2283934	0.23	0.23	0.0%	2283949	0.40	0.38	5.1%
In	2283909	1.7	1.8	5.7%	2283923	0.23	0.27	16.0%	2283934	< 0.2	< 0.2	0.0%	2283949	< 0.2	< 0.2	0.0%
K	2283909	0.24	0.24	0.0%	2283923	0.39	0.37	5.3%	2283934	< 0.05	< 0.05	0.0%	2283949	< 0.05	< 0.05	0.0%
La	2283909	39.2	39.1	0.3%	2283923	2.92	3.08	5.3%	2283934	0.62	0.54	13.8%	2283949	0.66	0.58	12.9%
Li	2283909	< 10	< 10	0.0%	2283923	26	28	7.4%	2283934	< 10	< 10	0.0%	2283949	< 10	< 10	0.0%
Lu	2283909	0.40	0.35	13.3%	2283923	0.257	0.205	22.5%	2283934	0.099	0.081	20.0%	2283949	0.24	0.22	8.7%
Mg	2283909	0.952	0.943	0.9%	2283923	3.83	3.79	1.0%	2283934	15.9	16.3	2.5%	2283949	15.7	15.5	1.3%
Mn	2283909	803	814	1.4%	2283923	5210	5300	1.7%	2283934	1110	1120	0.9%	2283949	1140	1120	1.8%
Mo	2283909	61	62	1.6%	2283923	4	2		2283934	< 2	< 2	0.0%	2283949	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2283909	9	7	25.0%	2283923	2	2	0.0%	2283934	< 1	< 1	0.0%	2283949	< 1	< 1	0.0%
Nd	2283909	35.1	35.0	0.3%	2283923	4.05	3.72	8.5%	2283934	1.0	1.2	18.2%	2283949	1.9	1.7	11.1%
Ni	2283909	498	501	0.6%	2283923	2900	2930	1.0%	2283934	1540	1570	1.9%	2283949	1160	1160	0.0%
P	2283909	0.04	0.04	0.0%	2283923	0.06	0.05	18.2%	2283934	< 0.01	< 0.01	0.0%	2283949	< 0.01	< 0.01	0.0%
Pb	2283909	25	25	0.0%	2283923	15	15	0.0%	2283934	< 5	< 5	0.0%	2283949	< 5	< 5	0.0%
Pr	2283909	9.54	9.16	4.1%	2283923	0.79	0.92	15.2%	2283934	0.211	0.173	19.8%	2283949	0.42	0.39	7.4%
Rb	2283909	5.91	5.12	14.3%	2283923	16.6	13.9	17.7%	2283934	0.6	< 0.2		2283949	1.55	1.34	14.5%
S	2283909	4.60	4.62	0.4%	2283923	3.79	3.76	0.8%	2283934	0.26	0.27	3.8%	2283949	0.07	0.07	0.0%
Sb	2283909	< 0.1	< 0.1	0.0%	2283923	< 0.1	< 0.1	0.0%	2283934	< 0.1	< 0.1	0.0%	2283949	< 0.1	< 0.1	0.0%
Sc	2283909	16	16	0.0%	2283923	35	36	2.8%	2283934	17	17	0.0%	2283949	21	21	0.0%
Si	2283909	27.7	27.9	0.7%	2283923	25.1	24.7	1.6%	2283934	24.1	24.3	0.8%	2283949	19.1	18.9	1.1%
Sm	2283909	7.0	6.0	15.4%	2283923	1.15	1.03	11.0%	2283934	0.6	0.5	18.2%	2283949	1.0	0.8	22.2%
Sn	2283909	9	9	0.0%	2283923	3	4	28.6%	2283934	< 1	< 1	0.0%	2283949	< 1	< 1	0.0%
Sr	2283909	89.9	89.5	0.4%	2283923	112	113	0.9%	2283934	27.1	27.1	0.0%	2283949	202	198	2.0%
Ta	2283909	0.6	< 0.5		2283923	< 0.5	< 0.5	0.0%	2283934	< 0.5	< 0.5	0.0%	2283949	< 0.5	< 0.5	0.0%
Tb	2283909	0.863	0.765	12.0%	2283923	0.36	0.40	10.5%	2283934	0.14	0.14	0.0%	2283949	0.28	0.22	24.0%
Th	2283909	11.0	10.7	2.8%	2283923	0.1	0.1	0.0%	2283934	< 0.1	< 0.1	0.0%	2283949	< 0.1	< 0.1	0.0%
Ti	2283909	0.33	0.32	3.1%	2283923	0.290	0.299	3.1%	2283934	0.15	0.15	0.0%	2283949	0.20	0.20	0.0%
Tl	2283909	< 0.5	< 0.5	0.0%	2283923	< 0.5	< 0.5	0.0%	2283934	< 0.5	< 0.5	0.0%	2283949	< 0.5	< 0.5	0.0%
Tm	2283909	0.386	0.395	2.3%	2283923	0.226	0.197	13.7%	2283934	0.11	0.08		2283949	0.20	0.12	
U	2283909	3.30	3.19	3.4%	2283923	0.551	0.581	5.3%	2283934	< 0.05	< 0.05	0.0%	2283949	< 0.05	< 0.05	0.0%
V	2283909	91	90	1.1%	2283923	269	275	2.2%	2283934	121	124	2.4%	2283949	157	161	2.5%
W	2283909	< 1	< 1	0.0%	2283923	< 1	< 1	0.0%	2283934	< 1	< 1	0.0%	2283949	< 1	< 1	0.0%
Y	2283909	22.1	24.3	9.5%	2283923	14.6	14.4	1.4%	2283934	4.0	5.0	22.2%	2283949	7.03	7.17	2.0%
Yb	2283909	2.6	2.5	3.9%	2283923	1.6	1.7	6.1%	2283934	0.6	0.6	0.0%	2283949	0.86	0.82	4.8%
Zn	2283909	6230	6170	1.0%	2283923	362	352	2.8%	2283934	60	57	5.1%	2283949	45	51	12.5%
Zr	2283909	171	174	1.7%	2283923	23.9	25.1	4.9%	2283934	13.6	13.8	1.5%	2283949	17.3	15.1	13.6%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O727524

PROJECT: 2021 Surimeau DDH Batch 4

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.34	98%	90% - 110%					6.94	6.93	100%	90% - 110%	13.0	13	100%	90% - 110%
As	26	28	107%	90% - 110%												
Ba	540	555	103%	90% - 110%									1310	1396	107%	90% - 110%
Ca	0.907	0.898	99%	90% - 110%					4.01	4.05	101%	90% - 110%	1.42	1.42	100%	90% - 110%
Ce	98	102	104%	90% - 110%	58.2	61	104%	90% - 110%								
Co	15	14	93%	90% - 110%												
Cu	150	157	105%	90% - 110%												
Er	3.7	4.5	122%	90% - 110%												
Fe	3.77	3.88	103%	90% - 110%					7.56	7.78	103%	90% - 110%	3.27	3.36	103%	90% - 110%
Ga					22.6	23.7	104%	90% - 110%								
Hf	11	11	99%	90% - 110%												
K	2.55	2.58	101%	90% - 110%					2.02	2.1	104%	90% - 110%	3.68	3.89	106%	90% - 110%
La	44	46	104%	90% - 110%	27.5	28.4	103%	90% - 110%								
Li	47	47	101%	90% - 110%									65.0	68.6	106%	90% - 110%
Lu	0.6	0.5	86%	90% - 110%												
Mg	1.1	1.1	96%	90% - 110%					2.41	2.41	100%	90% - 110%				
Mn	780	786	101%	90% - 110%												
Mo	14	13	93%	90% - 110%												
Nb	20	19	96%	90% - 110%	22.6	22.3	98%	90% - 110%								
Nd					27.3	27.6	101%	90% - 110%								
P													0.061	0.059	96%	90% - 110%
Pb	31	34	109%	90% - 110%												
Rb	144	148	103%	90% - 110%	85.4	90.6	106%	90% - 110%								
Sb	0.8	0.8	105%	90% - 110%												
Sc	12	11	91%	90% - 110%												
Si	28.4	30.1	106%	90% - 110%					23.65	25.19	107%	90% - 110%	24.4	26	107%	90% - 110%
Sm	7.4	8.1	110%	90% - 110%												
Sr	144	154	107%	90% - 110%									310	330	106%	90% - 110%
Ta	1.9	2.3	124%	90% - 110%												
Tb	1.2	1.3	105%	90% - 110%												
Th	18.4	19.7	107%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Ti	0.527	0.528	100%	90% - 110%									0.222	0.22	99%	90% - 110%
U	5.7	5.6	99%	90% - 110%												
V	77	85	110%	90% - 110%												
W	5	6	110%	90% - 110%												
Y	40	39	97%	90% - 110%	25.3	27.5	109%	90% - 110%								
Yb					2.66	3.04	114%	90% - 110%								
Zn	130	120	92%	90% - 110%									75.4	75.8	101%	90% - 110%
Zr	390	402	103%	90% - 110%	157	162	103%	90% - 110%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O727524

PROJECT: 2021 Surimeau DDH Batch 4

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O727524

PROJECT: 2021 Surimeau DDH Batch 4

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O727524

PROJECT: 2021 Surimeau DDH Batch 4

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC, QC (418)

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 5

AGAT WORK ORDER: 21O727527

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: May 11, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727527

PROJECT: 2021 Surimeau DDH Batch 5

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
45701 (2283960)	4.82
45702 (2283961)	0.68
45703 (2283962)	4.73
45704 (2283963)	4.40
45705 (2283964)	5.32
45706 (2283965)	5.01
45707 (2283966)	4.73
45708 (2283967)	4.76
45709 (2283968)	5.09
45710 (2283969)	4.99
45711 (2283970)	4.84
45712C-DUP (2283971)	-
45713 (2283972)	5.12
45714 (2283973)	2.87
45715 (2283974)	2.24
45716 (2283975)	5.08
45717 (2283976)	4.55
45718 (2283977)	5.08
45719 (2283978)	3.16
45720 (2283979)	2.84
45721 (2283980)	5.14
45722 (2283981)	0.61
45723 (2283982)	4.90
45724 (2283983)	4.87
45725 (2283984)	4.67
45726 (2283985)	5.02
45727 (2283986)	4.59
45728 (2283987)	4.56
45729 (2283988)	4.80
45730 (2283989)	4.43
45731 (2283990)	3.51

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727527

PROJECT: 2021 Surimeau DDH Batch 5

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
45732 (2283991)	3.25
45733 (2283992)	3.32
45734 (2283993)	3.57
45735 (2283994)	3.37
45736 (2283995)	4.68
45737 (2283996)	3.50
45738 (2283997)	3.14
45739 (2283998)	2.68
45740 (2283999)	3.29
45741 (2284000)	1.68
45742 (2284001)	1.23
45743 (2284002)	3.08
45744 (2284003)	2.51
45745C-DUP (2284004)	-
45746 (2284005)	3.19
45747 (2284006)	1.75
45748 (2284007)	4.85
45749 (2284008)	3.53
45750 (2284009)	4.54

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727527

PROJECT: 2021 Surimeau DDH Batch 5

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
45701 (2283960)	<1	2.81	<5	<20	5.5	<5	0.4	4.59	<0.2	1.7	93.9	0.204	0.5	20
45702 (2283961)	<1	0.05	<5	<20	28.3	<5	<0.1	39.0	<0.2	1.1	2.0	<0.005	<0.1	<5
45703 (2283962)	<1	2.85	<5	<20	4.1	<5	0.4	4.79	<0.2	1.8	92.9	0.202	0.5	19
45704 (2283963)	<1	2.84	<5	<20	4.2	<5	0.2	3.80	<0.2	1.5	98.0	0.216	0.6	11
45705 (2283964)	<1	3.07	<5	<20	4.5	<5	0.3	3.89	<0.2	1.4	100	0.230	0.6	19
45706 (2283965)	<1	3.85	<5	<20	45.8	<5	0.3	5.72	<0.2	2.2	93.7	0.267	1.8	62
45707 (2283966)	<1	3.30	<5	<20	4.7	<5	0.4	4.54	<0.2	1.6	95.4	0.236	0.4	70
45708 (2283967)	<1	3.02	<5	<20	4.6	<5	0.4	4.25	<0.2	1.6	98.8	0.221	0.5	8
45709 (2283968)	<1	3.06	<5	<20	4.5	<5	0.3	3.71	<0.2	1.5	98.8	0.225	0.5	15
45710 (2283969)	<1	3.33	<5	<20	5.3	<5	0.4	4.25	0.2	1.6	98.0	0.233	0.5	43
45711 (2283970)	<1	3.32	<5	<20	5.2	<5	1.6	5.10	<0.2	1.7	95.2	0.224	0.5	48
45712C-DUP (2283971)	<1	3.36	<5	<20	4.4	<5	0.4	5.21	<0.2	1.8	95.8	0.227	0.5	47
45713 (2283972)	<1	3.38	<5	<20	4.7	<5	0.6	4.73	<0.2	1.6	102	0.226	0.5	50
45714 (2283973)	<1	3.15	<5	<20	5.8	<5	0.3	5.40	<0.2	2.2	90.8	0.222	0.6	23
45715 (2283974)	<1	2.80	6	<20	6.0	<5	0.4	7.11	<0.2	3.0	83.6	0.177	0.5	19
45716 (2283975)	<1	3.30	<5	<20	3.9	<5	0.5	3.33	<0.2	1.7	100	0.236	0.5	55
45717 (2283976)	<1	3.52	<5	<20	5.2	<5	0.3	3.86	<0.2	2.2	92.5	0.217	0.5	9
45718 (2283977)	<1	3.56	<5	<20	4.3	<5	0.3	3.55	<0.2	2.4	93.2	0.218	0.5	12
45719 (2283978)	<1	3.19	<5	<20	4.5	<5	0.5	3.56	<0.2	2.2	97.5	0.227	0.5	60
45720 (2283979)	<1	2.51	<5	<20	4.5	<5	0.5	4.80	<0.2	6.4	85.5	0.172	0.5	70
45721 (2283980)	<1	4.09	<5	<20	3.3	<5	0.6	3.11	<0.2	2.4	101	0.274	0.6	21
45722 (2283981)	<1	0.04	<5	<20	16.6	<5	<0.1	38.1	<0.2	1.0	2.7	0.007	<0.1	80
45723 (2283982)	<1	3.35	<5	<20	4.3	<5	0.5	3.17	<0.2	2.1	95.0	0.237	0.6	17
45724 (2283983)	<1	3.35	<5	<20	4.1	<5	0.6	3.64	<0.2	2.5	96.3	0.224	0.4	24
45725 (2283984)	<1	3.34	<5	<20	4.3	<5	0.5	3.65	<0.2	2.0	96.8	0.228	0.4	32
45726 (2283985)	<1	3.32	<5	<20	3.6	<5	0.5	4.29	<0.2	2.2	102	0.259	0.4	62
45727 (2283986)	<1	2.78	<5	<20	3.7	<5	0.6	3.27	<0.2	1.9	96.3	0.213	0.4	16
45728 (2283987)	<1	2.48	<5	<20	3.5	<5	0.9	4.61	<0.2	2.0	98.9	0.222	0.3	32
45729 (2283988)	<1	3.10	<5	<20	3.5	<5	0.6	4.71	<0.2	2.3	103	0.236	0.3	56
45730 (2283989)	<1	2.88	<5	<20	2.7	<5	0.6	4.35	<0.2	2.1	96.8	0.215	0.3	41
45731 (2283990)	<1	3.13	<5	<20	3.3	<5	0.7	5.33	<0.2	2.6	95.7	0.236	0.2	56
45732 (2283991)	<1	3.38	<5	<20	90.3	<5	0.9	5.45	<0.2	2.0	101	0.263	5.9	96

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727527

PROJECT: 2021 Surimeau DDH Batch 5

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
45733 (2283992)	<1	3.28	<5	<20	353	<5	0.6	6.53	0.6	2.4	80.7	0.188	5.0	54
45734 (2283993)	<1	5.60	<5	<20	832	8	0.6	6.80	0.9	87.5	66.5	0.127	5.6	591
45735 (2283994)	<1	9.16	<5	<20	633	5	1.4	2.20	20.2	91.1	154	0.030	3.7	1260
45736 (2283995)	<1	8.57	<5	<20	439	<5	0.7	2.56	13.1	90.6	122	0.030	0.2	1300
45737 (2283996)	<1	8.13	<5	<20	779	<5	0.7	3.82	10.9	85.5	109	0.031	0.2	1550
45738 (2283997)	<1	8.60	<5	<20	659	<5	0.6	3.17	13.8	87.1	120	0.031	0.3	1340
45739 (2283998)	<1	8.05	<5	<20	793	<5	0.5	3.37	14.3	93.4	124	0.025	0.1	875
45740 (2283999)	<1	7.91	<5	<20	541	<5	0.6	3.84	8.6	89.1	102	0.033	0.2	876
45741 (2284000)	<1	8.11	<5	<20	490	5	0.5	3.66	14.9	94.4	95.9	0.033	0.2	1240
45742 (2284001)	1	7.97	<5	<20	457	<5	0.6	3.84	19.6	82.7	110	0.026	0.2	1540
45743 (2284002)	<1	8.04	<5	<20	445	5	0.5	3.44	18.9	99.5	96.8	0.033	0.4	1220
45744 (2284003)	<1	8.46	<5	<20	567	<5	0.5	1.59	7.2	81.3	78.3	0.024	0.4	1020
45745C-DUP (2284004)	<1	8.07	<5	<20	548	<5	0.5	1.49	7.0	82.7	76.1	0.021	0.4	981
45746 (2284005)	1	7.58	<5	<20	263	<5	1.1	1.81	41.6	69.3	139	0.027	0.1	1400
45747 (2284006)	<1	8.15	<5	<20	453	<5	0.5	2.50	9.3	56.6	85.8	0.044	0.3	1440
45748 (2284007)	<1	3.20	<5	<20	123	6	0.6	6.22	1.2	9.2	98.4	0.298	2.1	122
45749 (2284008)	<1	2.78	<5	<20	67.0	<5	0.2	6.48	0.4	1.9	82.5	0.169	1.1	<5
45750 (2284009)	<1	3.21	<5	<20	4.5	<5	0.8	7.27	<0.2	2.6	108	0.233	0.2	55

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727527

PROJECT: 2021 Surimeau DDH Batch 5

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
45701 (2283960)	1.16	0.81	0.22	7.03	7.97	1.04	1	<1	0.27	<0.2	<0.05	0.6	<10	0.11
45702 (2283961)	0.23	0.19	<0.05	0.13	0.26	0.30	<1	<1	0.06	<0.2	<0.05	1.3	<10	<0.05
45703 (2283962)	1.27	0.90	0.24	7.19	7.46	1.02	1	<1	0.30	<0.2	<0.05	0.6	<10	0.12
45704 (2283963)	1.23	0.75	0.17	7.47	7.77	0.95	2	<1	0.26	<0.2	<0.05	0.5	<10	0.12
45705 (2283964)	1.17	0.78	0.19	7.62	8.09	0.96	2	<1	0.26	<0.2	<0.05	0.5	<10	0.11
45706 (2283965)	1.73	1.17	0.37	8.54	8.62	1.38	2	<1	0.38	<0.2	0.17	0.7	<10	0.18
45707 (2283966)	1.44	0.91	0.25	7.91	8.10	1.12	2	<1	0.30	<0.2	<0.05	0.5	<10	0.12
45708 (2283967)	1.18	0.77	0.22	7.80	7.51	0.93	2	<1	0.25	<0.2	<0.05	0.6	<10	0.11
45709 (2283968)	1.29	0.81	0.21	7.47	7.83	1.06	1	<1	0.29	<0.2	<0.05	0.5	<10	0.12
45710 (2283969)	1.30	0.83	0.22	7.74	8.39	1.00	2	<1	0.29	<0.2	<0.05	0.5	<10	0.12
45711 (2283970)	1.34	0.93	0.28	7.64	8.42	1.08	2	<1	0.30	<0.2	<0.05	0.6	<10	0.13
45712C-DUP (2283971)	1.35	0.88	0.28	7.81	8.56	1.08	2	<1	0.30	<0.2	<0.05	0.6	<10	0.14
45713 (2283972)	1.23	0.80	0.26	7.95	8.29	1.03	2	<1	0.27	<0.2	<0.05	0.5	<10	0.12
45714 (2283973)	1.41	0.96	0.39	7.48	8.16	1.10	2	<1	0.31	<0.2	<0.05	0.8	<10	0.13
45715 (2283974)	1.64	0.98	0.50	7.20	7.28	1.30	1	<1	0.35	<0.2	<0.05	1.2	<10	0.14
45716 (2283975)	1.40	0.82	0.25	7.96	8.31	1.07	2	<1	0.29	<0.2	<0.05	0.6	<10	0.13
45717 (2283976)	1.48	0.94	0.26	7.85	9.04	1.10	2	<1	0.32	<0.2	<0.05	0.7	<10	0.14
45718 (2283977)	1.40	0.89	0.27	7.82	9.25	1.04	1	<1	0.31	<0.2	<0.05	0.9	<10	0.13
45719 (2283978)	1.42	0.90	0.27	7.82	8.01	1.11	2	<1	0.31	<0.2	<0.05	0.8	<10	0.13
45720 (2283979)	1.84	1.16	0.29	7.33	6.60	1.62	2	<1	0.40	<0.2	<0.05	2.5	<10	0.15
45721 (2283980)	1.32	0.84	0.26	7.75	10.7	1.01	2	<1	0.28	<0.2	<0.05	0.9	<10	0.13
45722 (2283981)	0.21	0.17	<0.05	0.20	0.24	0.24	1	<1	<0.05	<0.2	<0.05	1.2	<10	<0.05
45723 (2283982)	1.37	0.91	0.21	8.15	8.58	1.10	2	<1	0.31	<0.2	<0.05	0.8	<10	0.13
45724 (2283983)	1.52	1.02	0.25	7.94	8.55	1.23	2	<1	0.37	<0.2	<0.05	1.0	<10	0.16
45725 (2283984)	1.38	0.88	0.26	7.93	8.79	1.11	2	<1	0.31	<0.2	<0.05	0.7	<10	0.12
45726 (2283985)	1.37	0.86	0.25	8.27	8.08	1.24	2	<1	0.30	<0.2	<0.05	0.8	<10	0.12
45727 (2283986)	1.20	0.76	0.16	7.71	7.83	0.95	3	<1	0.25	<0.2	<0.05	0.6	<10	0.11
45728 (2283987)	1.33	0.83	0.23	7.68	6.69	1.10	3	<1	0.28	<0.2	<0.05	0.7	<10	0.11
45729 (2283988)	1.29	0.85	0.21	7.78	8.26	1.10	3	<1	0.29	<0.2	<0.05	0.8	<10	0.12
45730 (2283989)	1.38	0.86	0.17	7.55	7.99	1.06	3	<1	0.29	<0.2	<0.05	0.8	<10	0.12
45731 (2283990)	1.26	0.81	0.13	7.87	8.19	1.04	4	<1	0.29	<0.2	<0.05	1.2	<10	0.12
45732 (2283991)	1.31	0.86	0.14	8.15	10.2	1.08	4	<1	0.30	<0.2	0.67	0.8	18	0.12

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727527

PROJECT: 2021 Surimeau DDH Batch 5

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
45733 (2283992)	1.12	0.76	0.35	6.51	13.9	1.02	4	<1	0.24	<0.2	0.82	0.9	87	0.11
45734 (2283993)	4.52	2.32	2.49	8.45	20.6	6.64	3	5	0.82	0.4	1.12	40.2	81	0.34
45735 (2283994)	4.81	2.62	3.11	11.9	17.1	6.52	1	5	0.94	1.5	0.89	42.5	42	0.45
45736 (2283995)	4.72	2.73	2.92	9.67	21.3	6.20	<1	5	0.94	1.4	0.22	42.7	<10	0.45
45737 (2283996)	4.59	2.79	2.61	11.7	18.9	6.60	2	4	0.98	1.0	0.33	40.2	14	0.45
45738 (2283997)	4.58	2.68	2.67	11.3	19.7	5.89	1	4	0.90	1.3	0.23	41.2	10	0.45
45739 (2283998)	4.78	2.63	2.75	10.7	18.7	6.29	1	5	0.95	1.2	0.21	44.1	<10	0.46
45740 (2283999)	5.07	2.83	2.37	11.3	19.8	6.61	1	5	0.98	0.9	0.20	42.1	11	0.45
45741 (2284000)	5.05	2.92	2.37	10.4	19.9	6.72	1	5	1.00	1.5	0.21	44.8	11	0.46
45742 (2284001)	4.56	2.61	2.49	11.3	20.2	6.15	1	4	0.92	1.9	0.19	39.1	10	0.41
45743 (2284002)	5.58	3.33	2.83	10.9	19.1	7.29	2	5	1.15	1.6	0.27	47.2	16	0.51
45744 (2284003)	4.56	2.61	2.42	8.42	20.8	5.81	1	4	0.87	0.9	1.01	39.3	51	0.44
45745C-DUP (2284004)	4.50	2.60	2.52	7.94	20.6	6.00	1	4	0.91	0.9	0.95	38.9	48	0.45
45746 (2284005)	4.98	2.81	2.87	9.35	22.1	6.26	1	5	1.00	7.0	0.45	29.8	10	0.45
45747 (2284006)	3.34	2.01	1.66	5.88	17.1	4.36	1	4	0.70	1.6	0.88	24.8	14	0.29
45748 (2284007)	2.16	1.53	0.75	8.05	22.9	1.68	5	<1	0.49	0.2	0.28	4.7	85	0.23
45749 (2284008)	1.40	0.93	0.37	6.59	17.9	1.13	4	<1	0.30	<0.2	0.25	0.6	85	0.13
45750 (2284009)	1.55	0.91	0.26	7.57	9.05	1.17	3	<1	0.33	<0.2	<0.05	1.2	<10	0.14

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727527

PROJECT: 2021 Surimeau DDH Batch 5

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
45701 (2283960)	15.8	1230	<2	<1	1.6	1320	<0.01	8	0.29	1.5	0.09	0.1	19	21.1
45702 (2283961)	1.50	106	<2	<1	1.0	<5	<0.01	<5	0.22	0.7	0.59	0.1	<5	2.74
45703 (2283962)	16.1	1210	<2	<1	1.7	1330	<0.01	<5	0.30	1.4	0.09	<0.1	20	21.3
45704 (2283963)	16.5	1220	<2	<1	1.4	1310	<0.01	<5	0.24	1.1	0.05	0.1	21	21.9
45705 (2283964)	16.7	1260	<2	<1	1.3	1470	<0.01	<5	0.25	0.8	0.07	<0.1	23	23.1
45706 (2283965)	15.1	1340	<2	<1	2.2	991	0.01	<5	0.39	7.6	0.14	<0.1	27	21.6
45707 (2283966)	15.9	1290	<2	<1	1.5	1280	<0.01	<5	0.27	0.7	0.15	0.1	23	22.3
45708 (2283967)	18.0	1260	<2	<1	1.5	1510	<0.01	<5	0.28	0.4	0.05	<0.1	20	22.6
45709 (2283968)	16.4	1170	<2	<1	1.6	1330	<0.01	<5	0.26	0.4	0.06	0.1	22	20.7
45710 (2283969)	15.6	1190	<2	<1	1.6	1230	<0.01	6	0.29	0.9	0.11	<0.1	22	21.2
45711 (2283970)	15.2	1250	<2	<1	1.7	1180	<0.01	<5	0.30	<0.2	0.19	0.1	22	20.8
45712C-DUP (2283971)	15.7	1280	<2	<1	1.7	1210	<0.01	<5	0.30	1.1	0.19	0.1	23	21.3
45713 (2283972)	16.1	1330	<2	<1	1.5	1410	<0.01	<5	0.26	0.6	0.20	<0.1	22	22.6
45714 (2283973)	16.1	1420	<2	<1	2.0	1140	<0.01	<5	0.34	0.8	0.13	0.1	22	20.1
45715 (2283974)	15.3	1560	<2	<1	2.2	978	0.02	<5	0.45	0.9	0.15	0.1	19	18.8
45716 (2283975)	16.2	1240	<2	<1	1.6	1250	<0.01	<5	0.31	1.6	0.16	0.1	24	21.7
45717 (2283976)	17.0	1280	<2	<1	2.0	1140	<0.01	<5	0.34	0.8	0.08	<0.1	23	21.0
45718 (2283977)	16.8	1170	<2	<1	2.1	1100	<0.01	5	0.37	1.4	0.07	0.1	23	20.4
45719 (2283978)	16.2	1340	<2	<1	1.9	1310	<0.01	<5	0.35	0.3	0.20	0.1	23	21.7
45720 (2283979)	15.2	1230	<2	1	4.5	1050	0.03	<5	0.95	0.8	0.20	0.1	20	21.8
45721 (2283980)	16.7	1070	<2	1	2.0	1340	<0.01	<5	0.41	0.8	0.12	0.1	24	20.0
45722 (2283981)	1.27	90	<2	<1	0.9	<5	<0.01	<5	0.22	<0.2	0.61	0.1	<5	4.93
45723 (2283982)	16.8	1250	<2	<1	1.8	1240	<0.01	<5	0.34	0.5	0.12	0.1	24	22.6
45724 (2283983)	16.1	1170	<2	<1	2.3	1180	<0.01	<5	0.40	0.5	0.16	0.1	23	21.5
45725 (2283984)	16.4	1230	<2	<1	1.9	1190	<0.01	<5	0.34	0.4	0.25	0.1	24	21.7
45726 (2283985)	16.3	1290	<2	<1	1.9	1320	<0.01	<5	0.35	1.4	0.46	<0.1	24	22.4
45727 (2283986)	15.4	1190	<2	<1	1.6	1180	<0.01	<5	0.31	1.2	0.19	0.3	21	22.2
45728 (2283987)	16.2	1280	<2	<1	1.8	1340	<0.01	<5	0.32	0.4	0.34	0.1	20	23.8
45729 (2283988)	15.3	1320	<2	<1	2.1	1340	<0.01	<5	0.36	1.6	0.47	<0.1	20	21.1
45730 (2283989)	15.1	1280	<2	<1	1.9	1230	<0.01	<5	0.35	1.0	0.52	<0.1	20	21.2
45731 (2283990)	15.6	1250	<2	<1	2.1	1260	<0.01	<5	0.39	0.7	1.46	<0.1	22	23.7
45732 (2283991)	14.8	1280	<2	<1	2.0	1280	<0.01	<5	0.32	29.7	2.04	<0.1	23	23.4

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727527

PROJECT: 2021 Surimeau DDH Batch 5

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
45733 (2283992)	12.0	1510	9	2	1.9	1050	<0.01	<5	0.37	29.6	0.48	<0.1	19	23.9
45734 (2283993)	9.66	1900	83	9	42.6	720	0.08	9	10.7	40.1	0.53	<0.1	27	23.5
45735 (2283994)	0.97	366	16	6	41.4	584	0.04	55	11.0	37.0	6.53	<0.1	23	24.3
45736 (2283995)	0.88	318	13	8	40.3	374	0.06	38	10.8	7.4	5.14	<0.1	20	26.0
45737 (2283996)	1.97	619	12	9	39.4	345	0.11	32	10.3	10.1	5.47	<0.1	25	26.1
45738 (2283997)	0.88	392	8	10	38.4	369	0.10	32	10.1	6.7	5.61	<0.1	21	26.1
45739 (2283998)	0.89	388	4	11	40.7	373	0.04	26	10.9	5.8	5.56	<0.1	22	25.6
45740 (2283999)	1.22	504	6	11	39.4	330	0.06	28	10.6	4.2	5.57	<0.1	18	26.1
45741 (2284000)	1.07	525	7	13	41.2	313	0.05	31	10.9	5.3	5.47	<0.1	18	26.1
45742 (2284001)	0.94	495	9	12	36.8	353	0.09	28	9.77	6.2	6.17	<0.1	17	25.8
45743 (2284002)	1.36	608	11	14	43.7	289	0.06	30	11.7	7.5	5.16	<0.1	20	25.9
45744 (2284003)	1.99	643	17	10	36.3	269	0.07	19	9.74	19.7	3.60	<0.1	20	27.5
45745C-DUP (2284004)	1.91	614	15	10	36.9	261	0.07	19	9.89	19.8	3.43	<0.1	20	26.2
45746 (2284005)	1.21	518	83	7	33.3	467	0.05	43	8.55	10.1	5.67	<0.1	17	26.4
45747 (2284006)	1.09	466	26	5	25.8	393	0.07	16	6.78	23.3	2.84	<0.1	13	27.7
45748 (2284007)	11.6	1830	20	4	5.2	1180	0.06	<5	1.15	13.8	0.84	<0.1	29	21.9
45749 (2284008)	12.1	1750	25	2	2.0	1070	<0.01	<5	0.37	5.0	0.16	<0.1	16	24.1
45750 (2284009)	13.9	1440	3	<1	2.1	1420	0.01	<5	0.41	0.8	1.71	<0.1	23	21.8

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727527

PROJECT: 2021 Surimeau DDH Batch 5

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
45701 (2283960)	0.7	<1	126	<0.5	0.19	<0.1	0.15	<0.5	0.11	<0.05	93	<1	6.8	0.7
45702 (2283961)	0.2	<1	80.0	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.08	<5	<1	2.3	0.1
45703 (2283962)	0.7	<1	145	<0.5	0.19	<0.1	0.15	<0.5	0.12	<0.05	101	<1	7.1	0.8
45704 (2283963)	0.6	<1	103	<0.5	0.17	<0.1	0.17	<0.5	0.11	<0.05	102	<1	6.4	0.7
45705 (2283964)	0.6	<1	72.8	<0.5	0.18	<0.1	0.18	0.5	0.11	<0.05	111	<1	6.6	0.7
45706 (2283965)	0.9	<1	90.7	<0.5	0.26	<0.1	0.22	0.8	0.15	<0.05	149	<1	9.5	1.1
45707 (2283966)	0.6	<1	77.3	<0.5	0.22	<0.1	0.18	0.6	0.12	<0.05	121	<1	7.4	0.8
45708 (2283967)	0.6	<1	156	<0.5	0.17	<0.1	0.17	0.6	0.11	<0.05	105	<1	6.5	0.7
45709 (2283968)	0.7	<1	117	<0.5	0.19	<0.1	0.18	0.5	0.12	<0.05	110	<1	6.8	0.8
45710 (2283969)	0.7	<1	93.6	<0.5	0.21	<0.1	0.19	<0.5	0.12	<0.05	117	<1	7.2	0.8
45711 (2283970)	0.7	<1	107	<0.5	0.20	<0.1	0.19	<0.5	0.12	<0.05	116	<1	7.4	0.8
45712C-DUP (2283971)	0.7	<1	109	<0.5	0.20	<0.1	0.19	<0.5	0.12	<0.05	118	<1	7.6	0.8
45713 (2283972)	0.7	<1	98.3	<0.5	0.17	<0.1	0.18	<0.5	0.12	<0.05	112	<1	6.8	0.8
45714 (2283973)	0.8	<1	172	<0.5	0.21	<0.1	0.18	<0.5	0.13	<0.05	114	<1	8.0	0.9
45715 (2283974)	0.8	<1	262	<0.5	0.24	<0.1	0.16	<0.5	0.15	<0.05	99	<1	9.1	1.0
45716 (2283975)	0.7	<1	67.6	<0.5	0.22	<0.1	0.19	<0.5	0.12	<0.05	120	<1	7.4	0.8
45717 (2283976)	0.8	<1	126	<0.5	0.25	<0.1	0.19	<0.5	0.14	<0.05	125	<1	8.0	0.9
45718 (2283977)	0.8	<1	117	<0.5	0.21	<0.1	0.20	<0.5	0.13	<0.05	125	<1	7.7	0.8
45719 (2283978)	0.8	<1	72.4	<0.5	0.21	0.1	0.19	<0.5	0.14	0.06	116	<1	7.6	0.8
45720 (2283979)	1.4	<1	74.0	<0.5	0.30	0.4	0.15	<0.5	0.15	0.09	89	<1	9.8	1.0
45721 (2283980)	0.7	<1	71.2	<0.5	0.20	<0.1	0.24	<0.5	0.11	<0.05	144	<1	7.1	0.8
45722 (2283981)	0.2	<1	81.0	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.16	<5	<1	2.1	0.1
45723 (2283982)	0.7	<1	43.1	<0.5	0.21	<0.1	0.21	<0.5	0.14	0.07	121	<1	7.6	0.8
45724 (2283983)	0.9	<1	78.7	<0.5	0.23	<0.1	0.20	<0.5	0.14	<0.05	119	<1	8.5	1.0
45725 (2283984)	0.7	<1	69.4	<0.5	0.21	<0.1	0.20	<0.5	0.13	<0.05	120	<1	7.6	0.9
45726 (2283985)	0.8	<1	64.6	<0.5	0.19	<0.1	0.22	<0.5	0.13	<0.05	120	<1	7.4	0.8
45727 (2283986)	0.6	<1	38.1	<0.5	0.19	<0.1	0.17	<0.5	0.12	0.06	96	<1	6.2	0.7
45728 (2283987)	0.7	<1	58.5	<0.5	0.21	<0.1	0.16	<0.5	0.12	<0.05	92	<1	7.0	0.8
45729 (2283988)	0.8	<1	76.5	<0.5	0.21	<0.1	0.18	<0.5	0.12	<0.05	108	<1	7.1	0.8
45730 (2283989)	0.7	<1	52.6	<0.5	0.20	<0.1	0.17	<0.5	0.12	<0.05	102	<1	7.0	0.8
45731 (2283990)	0.8	<1	20.2	<0.5	0.20	<0.1	0.19	<0.5	0.12	<0.05	114	<1	7.1	0.8
45732 (2283991)	0.7	<1	20.5	<0.5	0.21	<0.1	0.20	1.0	0.12	0.07	117	<1	6.9	0.8

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727527

PROJECT: 2021 Surimeau DDH Batch 5

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
45733 (2283992)	0.7	4	43.1	<0.5	0.18	0.3	0.17	0.9	0.11	0.11	99	<1	6.3	0.7
45734 (2283993)	7.8	17	266	0.7	0.91	8.3	0.55	1.2	0.32	4.81	244	<1	21.1	2.2
45735 (2283994)	7.7	<1	708	0.7	0.96	13.0	0.33	0.7	0.38	4.12	46	<1	22.4	2.6
45736 (2283995)	7.2	6	344	0.8	0.92	12.4	0.27	<0.5	0.40	3.73	76	<1	23.6	2.8
45737 (2283996)	7.1	3	398	0.7	0.96	10.6	0.34	<0.5	0.43	3.69	130	<1	24.6	2.8
45738 (2283997)	7.0	2	343	0.8	0.90	11.9	0.26	<0.5	0.39	4.07	94	<1	22.9	2.7
45739 (2283998)	7.1	2	291	0.8	0.92	14.5	0.24	<0.5	0.40	4.22	85	<1	23.7	2.9
45740 (2283999)	7.4	2	252	0.8	0.96	14.4	0.26	<0.5	0.43	4.12	100	<1	25.2	2.9
45741 (2284000)	7.6	1	353	0.9	0.94	13.5	0.27	<0.5	0.41	4.32	99	1	25.8	3.0
45742 (2284001)	6.7	2	317	0.7	0.87	12.2	0.28	<0.5	0.38	3.89	86	<1	23.5	2.6
45743 (2284002)	8.0	2	355	0.8	1.08	12.9	0.30	0.5	0.48	4.66	122	<1	28.3	3.3
45744 (2284003)	6.4	2	118	0.7	0.86	11.0	0.28	0.6	0.38	3.72	102	<1	22.3	2.6
45745C-DUP (2284004)	6.8	2	112	0.7	0.89	11.0	0.26	0.5	0.39	3.80	100	<1	22.0	2.6
45746 (2284005)	6.6	17	83.3	0.7	0.92	11.7	0.29	<0.5	0.41	3.42	74	<1	24.7	2.9
45747 (2284006)	4.9	3	159	0.5	0.64	7.1	0.30	<0.5	0.29	2.22	85	<1	18.0	1.9
45748 (2284007)	1.3	4	42.8	<0.5	0.36	0.6	0.24	0.7	0.20	0.89	154	<1	12.6	1.5
45749 (2284008)	0.8	6	37.0	<0.5	0.21	<0.1	0.15	<0.5	0.12	0.25	99	<1	8.0	0.9
45750 (2284009)	0.8	<1	30.7	<0.5	0.23	<0.1	0.19	<0.5	0.14	<0.05	115	<1	7.8	0.9

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727527

PROJECT: 2021 Surimeau DDH Batch 5

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
45701 (2283960)	54	15.9
45702 (2283961)	<5	1.7
45703 (2283962)	51	14.4
45704 (2283963)	51	15.2
45705 (2283964)	58	19.2
45706 (2283965)	58	19.9
45707 (2283966)	57	16.0
45708 (2283967)	54	9.9
45709 (2283968)	51	15.0
45710 (2283969)	52	21.1
45711 (2283970)	55	12.6
45712C-DUP (2283971)	55	15.4
45713 (2283972)	53	13.7
45714 (2283973)	50	18.0
45715 (2283974)	43	19.2
45716 (2283975)	57	17.9
45717 (2283976)	55	16.3
45718 (2283977)	54	16.1
45719 (2283978)	55	16.3
45720 (2283979)	53	12.7
45721 (2283980)	53	19.0
45722 (2283981)	<5	1.7
45723 (2283982)	56	14.8
45724 (2283983)	57	19.3
45725 (2283984)	60	12.6
45726 (2283985)	59	14.3
45727 (2283986)	56	12.6
45728 (2283987)	55	12.6
45729 (2283988)	53	13.8
45730 (2283989)	52	14.4
45731 (2283990)	46	12.2
45732 (2283991)	67	15.2

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727527

PROJECT: 2021 Surimeau DDH Batch 5

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
45733 (2283992)	400	13.1
45734 (2283993)	707	173
45735 (2283994)	8870	175
45736 (2283995)	7020	156
45737 (2283996)	6290	143
45738 (2283997)	7700	144
45739 (2283998)	7540	157
45740 (2283999)	4670	152
45741 (2284000)	7780	179
45742 (2284001)	10200	146
45743 (2284002)	10000	184
45744 (2284003)	3700	152
45745C-DUP (2284004)	3370	157
45746 (2284005)	20200	162
45747 (2284006)	4430	129
45748 (2284007)	575	21.6
45749 (2284008)	239	11.5
45750 (2284009)	68	15.6

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727527

PROJECT: 2021 Surimeau DDH Batch 5

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
45701 (2283960)	76.47
45720 (2283979)	77.97
45740 (2283999)	78.51

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727527

PROJECT: 2021 Surimeau DDH Batch 5

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
45701 (2283960)	86.09
45720 (2283979)	86.40
45740 (2283999)	90.80

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O727527

PROJECT: 2021 Surimeau DDH Batch 5

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2283960	< 1	< 1	0.0%	2283974	< 1	< 1	0.0%	2283985	< 1	< 1	0.0%	2284000	< 1	1	
Al	2283960	2.81	2.86	1.8%	2283974	2.80	2.84	1.4%	2283985	3.32	3.28	1.2%	2284000	8.11	8.14	0.4%
As	2283960	< 5	< 5	0.0%	2283974	6	< 5		2283985	< 5	< 5	0.0%	2284000	< 5	< 5	0.0%
B	2283960	< 20	< 20	0.0%	2283974	< 20	< 20	0.0%	2283985	< 20	< 20	0.0%	2284000	< 20	< 20	0.0%
Ba	2283960	5.5	5.3	3.7%	2283974	6.0	5.9	1.7%	2283985	3.55	3.21	10.1%	2284000	490	473	3.5%
Be	2283960	< 5	< 5	0.0%	2283974	< 5	< 5	0.0%	2283985	< 5	< 5	0.0%	2284000	5	5	0.0%
Bi	2283960	0.4	0.4	0.0%	2283974	0.4	0.4	0.0%	2283985	0.53	0.69	26.2%	2284000	0.53	0.57	7.3%
Ca	2283960	4.59	4.65	1.3%	2283974	7.11	7.02	1.3%	2283985	4.29	4.17	2.8%	2284000	3.66	3.67	0.3%
Cd	2283960	< 0.2	< 0.2	0.0%	2283974	< 0.2	< 0.2	0.0%	2283985	< 0.2	< 0.2	0.0%	2284000	14.9	15.0	0.7%
Ce	2283960	1.7	1.7	0.0%	2283974	3.0	2.9	3.4%	2283985	2.2	2.2	0.0%	2284000	94.4	95.4	1.1%
Co	2283960	93.9	94.7	0.8%	2283974	83.6	83.7	0.1%	2283985	102	102	0.0%	2284000	95.9	96.9	1.0%
Cr	2283960	0.204	0.205	0.5%	2283974	0.177	0.174	1.7%	2283985	0.259	0.256	1.2%	2284000	0.033	0.032	3.1%
Cs	2283960	0.5	0.5	0.0%	2283974	0.52	0.59	12.6%	2283985	0.36	0.35	2.8%	2284000	0.2	0.2	0.0%
Cu	2283960	20	22	9.5%	2283974	19	18	5.4%	2283985	62	62	0.0%	2284000	1240	1250	0.8%
Dy	2283960	1.16	1.16	0.0%	2283974	1.64	1.53	6.9%	2283985	1.37	1.36	0.7%	2284000	5.05	5.08	0.6%
Er	2283960	0.812	0.804	1.0%	2283974	0.982	0.988	0.6%	2283985	0.86	0.93	7.8%	2284000	2.92	2.90	0.7%
Eu	2283960	0.22	0.24	8.7%	2283974	0.500	0.473	5.5%	2283985	0.252	0.244	3.2%	2284000	2.37	2.42	2.1%
Fe	2283960	7.03	7.18	2.1%	2283974	7.20	7.11	1.3%	2283985	8.27	8.06	2.6%	2284000	10.4	10.4	0.0%
Ga	2283960	7.97	7.77	2.5%	2283974	7.28	7.26	0.3%	2283985	8.08	8.35	3.3%	2284000	19.9	19.7	1.0%
Gd	2283960	1.04	0.99	4.9%	2283974	1.30	1.30	0.0%	2283985	1.24	1.17	5.8%	2284000	6.72	6.64	1.2%
Ge	2283960	1	1	0.0%	2283974	1	1	0.0%	2283985	2	2	0.0%	2284000	1	1	0.0%
Hf	2283960	< 1	< 1	0.0%	2283974	< 1	< 1	0.0%	2283985	< 1	< 1	0.0%	2284000	5	5	0.0%
Ho	2283960	0.27	0.27	0.0%	2283974	0.352	0.362	2.8%	2283985	0.30	0.31	3.3%	2284000	1.00	1.03	3.0%
In	2283960	< 0.2	< 0.2	0.0%	2283974	< 0.2	< 0.2	0.0%	2283985	< 0.2	< 0.2	0.0%	2284000	1.5	1.5	0.0%
K	2283960	< 0.05	< 0.05	0.0%	2283974	< 0.05	< 0.05	0.0%	2283985	< 0.05	< 0.05	0.0%	2284000	0.213	0.215	0.9%
La	2283960	0.6	0.6	0.0%	2283974	1.15	1.12	2.6%	2283985	0.81	0.75	7.7%	2284000	44.8	45.7	2.0%
Li	2283960	< 10	< 10	0.0%	2283974	< 10	< 10	0.0%	2283985	< 10	< 10	0.0%	2284000	11	9	20.0%
Lu	2283960	0.11	0.12	8.7%	2283974	0.14	0.14	0.0%	2283985	0.124	0.125	0.8%	2284000	0.461	0.471	2.1%
Mg	2283960	15.8	15.6	1.3%	2283974	15.3	15.0	2.0%	2283985	16.3	15.7	3.8%	2284000	1.07	1.04	2.8%
Mn	2283960	1230	1250	1.6%	2283974	1560	1540	1.3%	2283985	1290	1260	2.4%	2284000	525	518	1.3%
Mo	2283960	< 2	< 2	0.0%	2283974	< 2	< 2	0.0%	2283985	< 2	< 2	0.0%	2284000	7	7	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2283960	< 1	< 1	0.0%	2283974	< 1	< 1	0.0%	2283985	< 1	< 1	0.0%	2284000	13	13	0.0%
Nd	2283960	1.58	1.54	2.6%	2283974	2.23	2.48	10.6%	2283985	1.9	1.9	0.0%	2284000	41.2	41.2	0.0%
Ni	2283960	1320	1320	0.0%	2283974	978	996	1.8%	2283985	1320	1310	0.8%	2284000	313	296	5.6%
P	2283960	< 0.01	< 0.01	0.0%	2283974	0.02	0.02	0.0%	2283985	< 0.01	< 0.01	0.0%	2284000	0.05	0.05	0.0%
Pb	2283960	8	< 5		2283974	< 5	< 5	0.0%	2283985	< 5	< 5	0.0%	2284000	31	30	3.3%
Pr	2283960	0.29	0.26	10.9%	2283974	0.45	0.45	0.0%	2283985	0.351	0.358	2.0%	2284000	10.9	11.0	0.9%
Rb	2283960	1.5	1.3	14.3%	2283974	0.92	1.19	25.6%	2283985	1.4	0.4		2284000	5.3	6.3	17.2%
S	2283960	0.09	0.09	0.0%	2283974	0.148	0.145	2.0%	2283985	0.46	0.45	2.2%	2284000	5.47	5.30	3.2%
Sb	2283960	0.1	< 0.1		2283974	0.1	0.1	0.0%	2283985	< 0.1	0.1		2284000	< 0.1	< 0.1	0.0%
Sc	2283960	19	19	0.0%	2283974	19	19	0.0%	2283985	24	23	4.3%	2284000	18	17	5.7%
Si	2283960	21.1	21.3	0.9%	2283974	18.8	18.5	1.6%	2283985	22.4	21.8	2.7%	2284000	26.1	26.3	0.8%
Sm	2283960	0.7	0.6	15.4%	2283974	0.84	0.92	9.1%	2283985	0.75	0.69	8.3%	2284000	7.55	7.37	2.4%
Sn	2283960	< 1	< 1	0.0%	2283974	< 1	< 1	0.0%	2283985	< 1	< 1	0.0%	2284000	1	1	0.0%
Sr	2283960	126	131	3.9%	2283974	262	258	1.5%	2283985	64.6	61.6	4.8%	2284000	353	354	0.3%
Ta	2283960	< 0.5	< 0.5	0.0%	2283974	< 0.5	< 0.5	0.0%	2283985	< 0.5	< 0.5	0.0%	2284000	0.9	0.9	0.0%
Tb	2283960	0.193	0.185	4.2%	2283974	0.24	0.25	4.1%	2283985	0.193	0.222	14.0%	2284000	0.94	0.99	5.2%
Th	2283960	< 0.1	< 0.1	0.0%	2283974	< 0.1	< 0.1	0.0%	2283985	< 0.1	< 0.1	0.0%	2284000	13.5	13.7	1.5%
Ti	2283960	0.153	0.155	1.3%	2283974	0.155	0.150	3.3%	2283985	0.218	0.205	6.1%	2284000	0.27	0.27	0.0%
Tl	2283960	< 0.5	< 0.5	0.0%	2283974	< 0.5	< 0.5	0.0%	2283985	< 0.5	< 0.5	0.0%	2284000	< 0.5	< 0.5	0.0%
Tm	2283960	0.11	0.11	0.0%	2283974	0.152	0.156	2.6%	2283985	0.13	0.13	0.0%	2284000	0.41	0.42	2.4%
U	2283960	< 0.05	< 0.05	0.0%	2283974	< 0.05	< 0.05	0.0%	2283985	< 0.05	< 0.05	0.0%	2284000	4.32	4.34	0.5%
V	2283960	93	94	1.1%	2283974	99	99	0.0%	2283985	120	117	2.5%	2284000	99	94	5.2%
W	2283960	< 1	< 1	0.0%	2283974	< 1	< 1	0.0%	2283985	< 1	< 1	0.0%	2284000	1	< 1	
Y	2283960	6.8	6.8	0.0%	2283974	9.05	8.79	2.9%	2283985	7.44	7.51	0.9%	2284000	25.8	25.6	0.8%
Yb	2283960	0.7	0.7	0.0%	2283974	0.96	0.91	5.3%	2283985	0.8	0.8	0.0%	2284000	3.0	2.9	3.4%
Zn	2283960	54	52	3.8%	2283974	43	47	8.9%	2283985	59	54	8.8%	2284000	7780	7820	0.5%
Zr	2283960	15.9	14.3	10.6%	2283974	19.2	17.8	7.6%	2283985	14.3	16.3	13.1%	2284000	179	179	0.0%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O727527

PROJECT: 2021 Surimeau DDH Batch 5

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.37	99%	90% - 110%					6.94	6.86	99%	90% - 110%	13.0	12.8	98%	90% - 110%
As	26	24	92%	90% - 110%												
Ba	540	547	101%	90% - 110%									1310	1351	103%	90% - 110%
Be	4.0	4	100%	90% - 110%												
Ca	0.907	0.908	100%	90% - 110%					4.01	4.08	102%	90% - 110%	1.42	1.43	101%	90% - 110%
Ce	98	105	107%	90% - 110%	58.2	60.6	104%	90% - 110%								
Co	15	15	102%	90% - 110%												
Cu	150	157	104%	90% - 110%									6.4	5.9	92%	90% - 110%
Er	3.7	4	108%	90% - 110%												
Fe	3.77	4.11	109%	90% - 110%					7.56	8.01	106%	90% - 110%				
Ga					22.6	23.9	105%	90% - 110%								
Hf	11	10	93%	90% - 110%												
K	2.55	2.67	105%	90% - 110%					2.02	2.13	105%	90% - 110%	3.68	3.94	107%	90% - 110%
La	44	48	109%	90% - 110%	27.5	30.1	109%	90% - 110%								
Li	47	49	105%	90% - 110%									65.0	70.5	108%	90% - 110%
Lu	0.6	0.6	99%	90% - 110%												
Mg	1.1	1.1	97%	90% - 110%					2.41	2.4	100%	90% - 110%				
Mn	780	801	103%	90% - 110%												
Mo	14	14	98%	90% - 110%												
Nb	20	19	95%	90% - 110%	22.6	22.4	99%	90% - 110%								
Nd					27.3	30.1	110%	90% - 110%								
Ni	32	35	109%	90% - 110%												
P													0.061	0.059	96%	90% - 110%
Pb	31	32	103%	90% - 110%												
Rb	144	152	105%	90% - 110%	85.4	91.9	107%	90% - 110%								
Sb	0.8	0.9	112%	90% - 110%												
Sc	12	12	104%	90% - 110%												
Si	28.4	30.7	108%	90% - 110%					23.65	25.27	107%	90% - 110%	24.4	26.2	107%	90% - 110%
Sm	7.4	8.2	110%	90% - 110%												
Sr	144	153	106%	90% - 110%									310	319	103%	90% - 110%
Ta	1.9	2.2	118%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Tb	1.2	1.3	108%	90% - 110%												
Th	18.4	20.1	109%	90% - 110%												
Ti	0.527	0.53	101%	90% - 110%									0.222	0.215	97%	90% - 110%
U	5.7	5.9	104%	90% - 110%												
V	77	79	102%	90% - 110%												
W	5	6	111%	90% - 110%												
Y	40	38	94%	90% - 110%	25.3	27.2	107%	90% - 110%								
Yb					2.66	3.1	117%	90% - 110%								
Zn	130	127	97%	90% - 110%									75.4	78.4	104%	90% - 110%
Zr	390	371	95%	90% - 110%	157	158	101%	90% - 110%								

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O727527

PROJECT: 2021 Surimeau DDH Batch 5

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O727527

PROJECT: 2021 Surimeau DDH Batch 5

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O727527

PROJECT: 2021 Surimeau DDH Batch 5

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 6

AGAT WORK ORDER: 21O727528

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Jun 07, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727528

PROJECT: 2021 Surimeau DDH Batch 6

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jun 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
45751 (2284018)	4.14
45752 (2284019)	0.91
45753 (2284020)	4.05
45754 (2284021)	4.16
45755 (2284022)	3.66
45756 (2284023)	3.89
45757 (2284024)	2.74
45758 (2284025)	4.02
45759 (2284026)	2.78
45760 (2284027)	3.33
45761 (2284028)	4.46
45762C-DUP (2284029)	-
45763 (2284030)	3.13
45764 (2284031)	1.99
45765 (2284032)	2.11
45766 (2284033)	4.68
45767 (2284034)	4.20
45768 (2284035)	3.51
45769 (2284036)	3.61
45770 (2284037)	2.56
45771 (2284038)	4.71
45772 (2284039)	0.76
45773 (2284040)	4.44
45774 (2284041)	4.56
45775 (2284042)	4.34
45776 (2284043)	4.28
45777 (2284044)	4.49
45778 (2284045)	4.48
45779 (2284046)	3.81
45780 (2284047)	3.60
45781 (2284048)	4.27

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727528

PROJECT: 2021 Surimeau DDH Batch 6

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jun 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
45782 (2284049)	3.90
45783 (2284050)	4.34
45784 (2284051)	4.19
45785 (2284052)	3.78
45786 (2284053)	3.77
45787 (2284054)	3.81
45788 (2284055)	4.09
45789 (2284056)	4.42
45790 (2284057)	4.13
45791 (2284058)	1.86
45792 (2284059)	1.90
45793 (2284060)	3.95
45794 (2284061)	4.29
45795C-DUP (2284062)	-
45796 (2284063)	4.16
45797 (2284064)	3.88
45798 (2284065)	4.13
45799 (2284066)	3.82
45800 (2284067)	3.96

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727528

PROJECT: 2021 Surimeau DDH Batch 6

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jun 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
45751 (2284018)	<1	2.51	<5	<20	10.0	<5	0.5	10.4	<0.2	2.4	76.7	0.187	0.6	29
45752 (2284019)	<1	0.04	<5	<20	13.9	<5	<0.1	37.9	<0.2	1.0	0.9	0.006	<0.1	<5
45753 (2284020)	<1	3.01	<5	<20	2.4	<5	0.8	4.90	<0.2	1.5	92.3	0.216	0.1	32
45754 (2284021)	<1	3.35	<5	<20	2.0	<5	0.6	4.29	<0.2	1.3	95.6	0.241	0.3	50
45755 (2284022)	<1	2.93	<5	<20	1.9	<5	0.7	4.01	<0.2	1.4	91.8	0.215	0.4	18
45756 (2284023)	<1	2.53	<5	<20	1.8	<5	0.5	6.05	0.3	2.2	81.3	0.193	0.2	30
45757 (2284024)	<1	2.31	<5	<20	2.3	<5	0.7	8.24	<0.2	3.1	75.8	0.183	0.3	36
45758 (2284025)	<1	4.13	<5	<20	1.9	<5	0.5	4.25	<0.2	1.7	95.5	0.277	0.3	99
45759 (2284026)	<1	2.50	<5	<20	21.7	<5	0.7	6.04	0.2	1.4	83.3	0.194	2.4	61
45760 (2284027)	<1	2.82	<5	<20	225	<5	0.7	4.96	0.3	1.0	73.2	0.169	25.9	31
45761 (2284028)	<1	2.92	<5	<20	289	<5	0.5	5.84	0.4	2.3	70.1	0.184	22.4	20
45762C-DUP (2284029)	<1	2.96	<5	<20	287	<5	0.4	5.91	<0.2	2.2	69.7	0.184	21.8	22
45763 (2284030)	<1	4.76	<5	<20	636	<5	0.6	6.18	<0.2	48.0	69.4	0.145	18.6	6
45764 (2284031)	<1	6.67	<5	<20	739	<5	0.4	6.87	0.3	92.9	42.5	0.049	1.8	93
45765 (2284032)	<1	6.64	<5	<20	745	<5	0.3	6.84	0.2	92.0	45.0	0.055	2.4	83
45766 (2284033)	<1	6.37	<5	<20	1150	<5	0.2	7.00	0.2	64.6	46.6	0.064	6.2	119
45767 (2284034)	<1	6.97	<5	<20	1090	<5	0.2	6.87	0.8	69.7	41.6	0.051	4.4	106
45768 (2284035)	<1	7.81	<5	<20	584	<5	0.5	5.80	<0.2	69.7	35.3	0.036	1.0	253
45769 (2284036)	<1	9.70	<5	<20	678	8	2.1	3.03	1.1	84.0	61.3	0.043	5.1	917
45770 (2284037)	<1	9.88	<5	<20	1000	<5	0.4	2.28	0.2	77.7	30.8	0.052	3.9	88
45771 (2284038)	<1	9.84	<5	<20	640	<5	0.2	1.54	<0.2	74.2	29.8	0.039	5.3	68
45772 (2284039)	<1	0.05	<5	<20	16.6	<5	<0.1	39.0	0.4	1.3	0.9	<0.005	0.2	<5
45773 (2284040)	<1	9.47	<5	<20	413	<5	0.2	1.12	0.2	64.4	27.8	0.042	5.3	60
45774 (2284041)	<1	9.49	<5	<20	486	<5	0.2	1.82	0.2	68.1	27.9	0.038	5.4	71
45775 (2284042)	<1	9.38	<5	<20	679	<5	0.2	1.32	<0.2	65.4	28.5	0.041	5.0	71
45776 (2284043)	<1	9.12	<5	<20	439	<5	0.4	1.39	0.6	61.9	28.9	0.045	3.8	81
45777 (2284044)	<1	8.91	<5	<20	410	<5	0.4	1.23	0.6	64.0	28.6	0.041	3.5	84
45778 (2284045)	<1	8.87	<5	<20	394	<5	0.3	1.48	1.0	63.4	26.0	0.044	4.5	59
45779 (2284046)	<1	8.57	<5	<20	389	<5	0.2	1.47	5.7	66.3	22.6	0.040	3.0	110
45780 (2284047)	<1	8.51	<5	<20	253	<5	0.2	1.78	4.0	70.3	24.0	0.041	5.9	250
45781 (2284048)	<1	8.77	<5	<20	393	<5	0.2	1.08	12.5	61.7	22.0	0.050	5.4	149
45782 (2284049)	<1	8.69	<5	<20	388	<5	0.3	1.10	1.1	58.9	22.0	0.047	3.8	80

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727528

PROJECT: 2021 Surimeau DDH Batch 6

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jun 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
45783 (2284050)	<1	9.41	<5	<20	454	<5	0.3	1.03	2.8	71.6	24.8	0.040	4.6	126
45784 (2284051)	<1	8.78	<5	28	371	<5	0.2	0.99	4.2	59.8	22.3	0.035	2.8	64
45785 (2284052)	<1	8.20	<5	<20	267	<5	0.2	1.05	1.4	63.1	21.8	0.045	2.9	74
45786 (2284053)	<1	8.86	<5	<20	455	<5	0.3	1.24	0.2	77.7	24.8	0.041	5.5	58
45787 (2284054)	<1	8.76	<5	<20	599	<5	0.1	1.43	<0.2	63.7	22.8	0.045	4.0	47
45788 (2284055)	<1	8.73	<5	<20	545	<5	0.2	1.10	0.5	67.1	23.6	0.050	4.7	137
45789 (2284056)	<1	8.41	<5	<20	500	<5	0.3	1.13	0.2	65.6	23.0	0.042	5.4	59
45790 (2284057)	<1	8.38	<5	<20	523	<5	0.2	1.18	<0.2	71.9	25.1	0.055	4.2	57
45791 (2284058)	<1	8.87	<5	<20	570	<5	0.1	1.55	0.3	63.5	27.2	0.047	3.5	98
45792 (2284059)	<1	9.32	<5	<20	647	<5	<0.1	1.25	0.3	61.8	25.3	0.033	4.2	91
45793 (2284060)	<1	8.70	<5	<20	450	<5	<0.1	1.09	<0.2	61.6	25.4	0.040	3.1	71
45794 (2284061)	<1	8.49	<5	<20	442	<5	0.2	1.27	0.2	59.1	23.5	0.041	4.0	64
45795C-DUP (2284062)	<1	8.44	<5	<20	450	<5	0.2	1.27	0.3	60.8	23.6	0.049	4.3	67
45796 (2284063)	<1	8.35	<5	<20	524	<5	0.2	1.45	0.5	60.4	25.7	0.045	4.2	59
45797 (2284064)	<1	8.26	<5	<20	609	<5	0.2	1.43	0.3	61.0	21.9	0.042	3.5	53
45798 (2284065)	<1	9.47	<5	<20	778	<5	0.2	0.94	<0.2	66.7	26.2	0.037	4.6	53
45799 (2284066)	<1	8.74	<5	<20	765	<5	0.1	1.15	<0.2	65.1	22.9	0.049	5.1	58
45800 (2284067)	<1	8.27	<5	<20	895	<5	0.2	1.93	<0.2	53.3	16.1	0.033	2.5	49

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727528

PROJECT: 2021 Surimeau DDH Batch 6

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jun 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
45751 (2284018)	1.29	0.77	0.46	6.50	5.70	0.94	2	<1	0.28	<0.2	0.11	1.1	<10	0.12
45752 (2284019)	0.21	0.11	<0.05	0.16	0.21	0.28	1	<1	0.05	<0.2	<0.05	1.2	<10	<0.05
45753 (2284020)	1.18	0.75	0.20	7.07	7.93	0.89	3	<1	0.25	<0.2	<0.05	0.6	<10	0.11
45754 (2284021)	1.26	0.78	0.13	7.32	8.77	0.79	3	<1	0.26	<0.2	<0.05	0.4	<10	0.11
45755 (2284022)	0.93	0.63	0.08	7.11	7.43	0.76	3	<1	0.21	<0.2	<0.05	0.5	<10	0.09
45756 (2284023)	1.60	0.89	0.18	6.52	6.00	1.00	3	<1	0.26	<0.2	<0.05	0.9	<10	0.13
45757 (2284024)	1.58	1.01	0.28	6.51	5.41	1.33	3	<1	0.35	<0.2	<0.05	1.3	<10	0.13
45758 (2284025)	1.56	1.05	0.18	8.49	9.67	1.13	3	<1	0.36	<0.2	<0.05	0.7	<10	0.20
45759 (2284026)	0.84	0.62	0.14	6.29	7.61	0.82	4	<1	0.21	<0.2	0.35	0.5	<10	0.10
45760 (2284027)	0.80	0.45	0.24	5.74	10.6	0.46	3	<1	0.17	<0.2	3.01	0.3	35	0.07
45761 (2284028)	1.34	0.85	0.27	6.17	11.8	1.08	3	<1	0.31	<0.2	2.70	0.7	43	0.15
45762C-DUP (2284029)	1.41	0.84	0.33	6.18	11.5	1.01	3	<1	0.31	<0.2	2.70	0.8	43	0.12
45763 (2284030)	3.22	1.63	1.40	7.89	15.9	4.44	3	2	0.61	<0.2	2.65	21.5	58	0.25
45764 (2284031)	4.95	2.45	2.45	8.14	18.0	6.94	2	4	0.87	<0.2	0.61	44.3	19	0.35
45765 (2284032)	5.11	2.45	2.43	8.21	18.2	7.31	2	4	0.91	<0.2	0.69	43.1	21	0.37
45766 (2284033)	3.96	1.98	1.77	8.02	16.2	5.20	2	2	0.78	<0.2	2.09	30.1	41	0.28
45767 (2284034)	3.89	2.18	1.73	7.53	17.1	5.54	2	3	0.77	<0.2	1.75	32.8	36	0.29
45768 (2284035)	5.56	3.33	1.98	6.70	19.5	6.11	2	3	1.16	<0.2	0.79	33.0	16	0.61
45769 (2284036)	4.82	2.76	2.55	7.95	26.5	5.69	1	5	0.95	<0.2	1.78	41.4	39	0.46
45770 (2284037)	3.57	2.10	1.52	5.55	26.5	5.12	2	4	0.76	<0.2	3.54	37.9	49	0.30
45771 (2284038)	3.46	1.99	1.38	5.48	26.3	4.57	2	3	0.73	<0.2	3.85	35.3	59	0.28
45772 (2284039)	0.31	0.24	0.21	0.13	0.27	0.37	1	<1	0.19	<0.2	0.06	1.4	<10	0.10
45773 (2284040)	3.21	1.74	1.29	5.11	24.7	3.92	2	3	0.68	<0.2	3.36	31.5	57	0.29
45774 (2284041)	3.69	1.77	1.50	5.10	24.8	3.87	2	4	0.69	<0.2	2.79	32.1	55	0.25
45775 (2284042)	3.48	1.99	1.43	5.34	25.5	4.09	2	4	0.73	<0.2	3.32	31.4	64	0.24
45776 (2284043)	3.35	2.02	1.60	5.14	24.0	4.13	2	4	0.73	<0.2	2.95	30.7	60	0.23
45777 (2284044)	3.32	1.62	1.37	4.85	23.3	4.19	2	3	0.60	<0.2	2.78	31.1	52	0.24
45778 (2284045)	3.55	1.81	1.36	5.05	21.7	4.28	2	4	0.68	<0.2	2.70	30.7	53	0.26
45779 (2284046)	3.23	1.91	1.20	4.28	20.7	3.92	1	4	0.57	<0.2	1.89	33.3	41	0.24
45780 (2284047)	2.71	1.58	1.28	4.67	21.0	4.03	1	4	0.57	<0.2	1.38	34.9	32	0.18
45781 (2284048)	2.68	1.42	1.27	4.40	20.7	3.99	1	4	0.53	<0.2	1.80	31.5	46	0.22
45782 (2284049)	3.06	1.59	1.10	4.32	21.3	3.76	1	4	0.58	<0.2	1.90	29.6	61	0.23

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727528

PROJECT: 2021 Surimeau DDH Batch 6

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jun 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
45783 (2284050)	3.13	1.56	1.33	4.70	25.2	4.05	1	4	0.62	<0.2	1.95	35.7	46	0.23
45784 (2284051)	2.73	1.62	1.14	4.26	21.5	3.79	1	4	0.53	<0.2	1.74	30.4	46	0.24
45785 (2284052)	2.46	1.36	1.20	3.98	19.3	3.12	1	4	0.47	<0.2	1.22	31.5	34	0.19
45786 (2284053)	2.97	1.50	1.31	4.43	26.8	4.22	1	4	0.56	<0.2	2.07	38.2	42	0.20
45787 (2284054)	2.93	1.40	1.13	4.41	24.3	3.76	1	4	0.58	<0.2	1.87	31.4	41	0.16
45788 (2284055)	2.86	1.88	1.33	4.58	23.6	4.32	1	4	0.63	<0.2	2.20	32.7	46	0.26
45789 (2284056)	3.04	1.76	1.17	4.32	22.0	3.88	1	4	0.60	<0.2	1.95	32.6	56	0.27
45790 (2284057)	3.14	1.72	1.33	4.34	20.1	4.20	1	4	0.57	<0.2	1.98	34.5	50	0.24
45791 (2284058)	2.98	1.57	1.26	4.86	24.0	4.11	1	4	0.55	<0.2	1.62	31.7	29	0.21
45792 (2284059)	2.93	1.65	1.20	4.82	26.5	3.84	1	4	0.57	<0.2	1.85	29.9	31	0.24
45793 (2284060)	2.90	1.73	1.20	4.31	28.0	3.53	1	4	0.57	<0.2	1.59	29.5	25	0.19
45794 (2284061)	2.72	1.67	1.21	4.41	22.5	3.29	1	4	0.57	<0.2	1.85	28.4	30	0.24
45795C-DUP (2284062)	2.95	1.72	1.29	4.42	22.2	4.14	1	4	0.59	<0.2	1.84	30.6	29	0.19
45796 (2284063)	2.88	1.39	1.34	4.82	20.9	3.51	1	4	0.58	<0.2	2.25	30.3	43	0.22
45797 (2284064)	2.74	1.67	1.19	4.44	20.7	3.70	1	4	0.55	<0.2	2.11	29.0	37	0.21
45798 (2284065)	3.14	1.67	1.30	5.01	23.9	3.93	1	3	0.55	<0.2	3.18	31.5	50	0.22
45799 (2284066)	2.86	1.59	1.13	4.45	22.6	3.77	1	4	0.55	<0.2	2.37	32.1	38	0.21
45800 (2284067)	2.07	1.16	0.94	3.35	20.1	2.90	1	4	0.40	<0.2	1.50	25.8	25	0.15

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727528

PROJECT: 2021 Surimeau DDH Batch 6

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jun 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
45751 (2284018)	13.0	1620	<2	<1	2.0	1070	<0.01	<5	0.33	3.9	1.19	<0.1	20	17.8
45752 (2284019)	1.56	121	<2	<1	1.0	<5	<0.01	<5	0.24	0.5	0.56	<0.1	<5	4.13
45753 (2284020)	15.1	1190	<2	<1	1.5	1420	<0.01	<5	0.25	<0.2	0.81	<0.1	20	21.6
45754 (2284021)	15.3	1100	<2	<1	1.7	1430	<0.01	<5	0.20	<0.2	1.11	<0.1	23	21.5
45755 (2284022)	15.4	1240	<2	<1	1.4	1530	<0.01	<5	0.18	0.7	0.52	<0.1	19	21.7
45756 (2284023)	14.5	1310	<2	<1	1.8	1170	<0.01	<5	0.32	0.3	0.73	<0.1	21	21.2
45757 (2284024)	14.1	1650	<2	<1	3.0	1120	0.01	<5	0.59	0.3	0.91	0.1	18	19.2
45758 (2284025)	14.8	1160	<2	<1	1.6	1120	0.02	<5	0.29	0.6	1.81	<0.1	29	20.8
45759 (2284026)	13.8	1250	<2	<1	1.3	1410	<0.01	<5	0.23	16.5	1.04	<0.1	16	24.2
45760 (2284027)	13.3	1060	<2	<1	0.9	1200	<0.01	<5	0.17	145	0.52	<0.1	17	24.6
45761 (2284028)	12.5	1180	8	2	2.1	1040	0.01	<5	0.47	129	0.48	<0.1	19	24.6
45762C-DUP (2284029)	12.5	1210	2	2	2.1	1050	0.01	<5	0.41	126	0.49	<0.1	19	24.7
45763 (2284030)	10.7	1450	12	3	26.0	812	0.14	<5	6.53	124	0.23	<0.1	30	23.0
45764 (2284031)	5.47	1550	6	6	45.9	134	0.21	16	11.1	22.6	0.82	<0.1	33	24.3
45765 (2284032)	5.59	1580	8	6	46.7	129	0.21	16	11.1	26.0	0.73	0.1	33	24.3
45766 (2284033)	5.83	1470	<2	4	34.2	121	0.17	13	8.58	105	0.61	<0.1	37	24.1
45767 (2284034)	5.16	1370	4	5	36.0	113	0.16	16	8.92	72.9	1.02	<0.1	31	25.2
45768 (2284035)	3.88	1200	14	6	35.9	77	0.15	32	9.04	28.8	2.41	<0.1	30	25.9
45769 (2284036)	2.35	472	242	9	36.9	273	0.08	42	9.97	95.1	3.25	0.2	27	26.1
45770 (2284037)	2.68	587	13	7	36.9	155	0.09	14	9.44	140	2.04	<0.1	25	28.3
45771 (2284038)	2.33	691	4	7	32.0	126	0.06	13	8.67	166	0.95	<0.1	24	28.7
45772 (2284039)	1.75	114	<2	<1	1.0	<5	<0.01	<5	0.38	1.6	0.58	0.2	<5	3.93
45773 (2284040)	2.16	575	<2	7	28.4	125	0.06	22	7.90	129	0.55	<0.1	21	29.2
45774 (2284041)	2.25	591	7	7	29.4	117	0.07	20	7.72	114	0.55	0.2	21	29.2
45775 (2284042)	2.21	562	15	7	31.1	129	0.06	15	7.73	124	0.46	<0.1	22	28.3
45776 (2284043)	2.47	506	2	7	29.2	129	0.08	12	7.42	103	0.80	<0.1	22	28.6
45777 (2284044)	2.12	495	3	6	28.6	126	0.06	20	8.07	110	0.82	<0.1	20	27.6
45778 (2284045)	2.21	574	2	6	29.7	105	0.07	9	7.69	104	0.24	<0.1	20	29.5
45779 (2284046)	1.72	468	<2	6	29.4	94	0.05	9	7.41	72.0	0.34	<0.1	15	30.9
45780 (2284047)	2.07	606	3	6	32.7	74	0.11	11	8.00	50.5	0.37	<0.1	15	29.9
45781 (2284048)	1.82	396	3	6	28.9	102	0.06	8	7.27	66.9	0.29	<0.1	17	31.2
45782 (2284049)	1.78	431	3	6	25.7	99	0.05	5	6.93	71.4	0.18	<0.1	16	31.5

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727528

PROJECT: 2021 Surimeau DDH Batch 6

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jun 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
45783 (2284050)	1.97	396	4	13	31.5	111	0.07	13	8.50	75.8	0.45	<0.1	19	29.3
45784 (2284051)	1.94	373	<2	7	26.7	98	0.05	7	7.34	65.1	0.23	0.2	17	30.6
45785 (2284052)	1.75	400	3	6	27.3	89	0.06	8	7.05	43.1	0.29	<0.1	14	32.2
45786 (2284053)	2.12	476	<2	7	37.0	113	0.08	15	9.20	79.8	0.23	<0.1	17	29.6
45787 (2284054)	1.91	546	<2	6	28.3	97	0.05	16	7.66	75.4	0.17	<0.1	16	30.4
45788 (2284055)	1.80	507	3	7	28.7	105	0.06	12	7.91	85.9	0.24	<0.1	17	30.8
45789 (2284056)	1.92	470	3	6	29.4	96	0.06	7	7.50	78.1	0.19	<0.1	16	31.1
45790 (2284057)	1.88	431	2	6	32.2	112	0.07	11	8.14	64.2	0.21	<0.1	15	30.5
45791 (2284058)	2.05	513	3	9	28.4	101	0.07	14	7.25	60.5	0.33	<0.1	18	29.4
45792 (2284059)	2.01	455	<2	8	27.3	113	0.06	14	7.28	73.4	0.32	<0.1	19	29.3
45793 (2284060)	1.77	463	<2	10	27.4	95	0.06	12	7.27	60.3	0.21	<0.1	16	29.2
45794 (2284061)	1.97	468	<2	7	26.4	105	0.06	11	7.17	73.3	0.22	<0.1	16	30.6
45795C-DUP (2284062)	1.98	451	2	6	28.1	110	0.07	11	7.35	74.5	0.23	<0.1	16	30.4
45796 (2284063)	2.14	578	3	6	28.0	96	0.06	11	7.46	88.1	0.18	<0.1	18	31.1
45797 (2284064)	1.99	488	3	6	26.4	91	0.07	9	7.24	78.9	0.17	0.1	16	30.9
45798 (2284065)	2.01	520	2	6	28.5	115	0.05	10	7.78	115	0.15	<0.1	20	29.9
45799 (2284066)	1.71	462	3	6	29.7	103	0.06	16	7.60	93.7	0.20	<0.1	16	29.9
45800 (2284067)	1.42	430	<2	5	23.8	58	0.06	15	6.46	50.4	0.26	<0.1	11	31.9

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727528

PROJECT: 2021 Surimeau DDH Batch 6

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jun 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
45751 (2284018)	0.7	<1	198	<0.5	0.17	<0.1	0.14	<0.5	0.13	<0.05	96	<1	7.0	0.8
45752 (2284019)	0.2	<1	80.3	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.11	<5	<1	2.4	0.1
45753 (2284020)	0.6	<1	50.0	<0.5	0.18	<0.1	0.17	<0.5	0.13	<0.05	108	<1	6.5	0.8
45754 (2284021)	0.6	<1	26.7	<0.5	0.18	<0.1	0.18	<0.5	0.11	<0.05	128	<1	7.6	0.8
45755 (2284022)	0.5	<1	55.0	<0.5	0.15	<0.1	0.15	<0.5	0.09	<0.05	101	<1	5.8	0.6
45756 (2284023)	0.7	<1	82.8	<0.5	0.19	<0.1	0.15	<0.5	0.13	<0.05	95	<1	8.0	0.8
45757 (2284024)	0.7	<1	173	<0.5	0.28	<0.1	0.14	<0.5	0.14	<0.05	88	<1	9.9	0.9
45758 (2284025)	0.7	<1	22.0	<0.5	0.24	<0.1	0.24	<0.5	0.25	<0.05	157	<1	8.8	0.9
45759 (2284026)	0.7	<1	28.0	<0.5	0.13	<0.1	0.13	<0.5	0.08	0.05	85	<1	5.7	0.5
45760 (2284027)	0.4	<1	33.1	<0.5	0.11	<0.1	0.12	2.4	0.08	0.08	81	<1	4.0	0.5
45761 (2284028)	0.8	2	44.1	<0.5	0.22	<0.1	0.14	2.3	0.11	0.19	109	<1	8.0	0.8
45762C-DUP (2284029)	0.7	2	44.3	<0.5	0.18	<0.1	0.14	2.2	0.12	0.15	111	<1	7.8	0.8
45763 (2284030)	5.1	2	71.5	<0.5	0.59	3.9	0.34	2.1	0.26	1.21	198	<1	16.7	1.4
45764 (2284031)	8.4	6	652	<0.5	0.93	8.6	0.60	<0.5	0.34	2.58	262	<1	25.6	2.6
45765 (2284032)	9.2	4	625	<0.5	0.89	8.1	0.59	<0.5	0.38	2.55	259	<1	26.6	2.3
45766 (2284033)	6.6	<1	753	<0.5	0.71	4.9	0.50	1.7	0.29	1.29	245	<1	19.5	1.9
45767 (2284034)	6.5	<1	807	<0.5	0.72	5.3	0.52	1.2	0.31	1.42	214	<1	20.6	2.0
45768 (2284035)	6.8	7	852	<0.5	0.94	7.5	0.45	<0.5	0.51	2.73	192	<1	29.8	3.4
45769 (2284036)	5.9	6	1450	0.8	0.82	12.4	0.38	1.8	0.38	3.82	93	<1	25.4	2.8
45770 (2284037)	6.3	2	228	0.6	0.70	8.7	0.45	2.7	0.28	2.57	171	2	18.7	1.9
45771 (2284038)	6.2	2	178	0.6	0.69	9.1	0.43	2.7	0.30	2.54	169	1	20.0	1.9
45772 (2284039)	0.3	1	81.1	<0.5	0.14	0.2	<0.01	<0.5	0.11	0.32	<5	<1	2.5	0.3
45773 (2284040)	5.0	3	141	0.6	0.50	8.1	0.40	1.8	0.29	2.33	143	<1	18.6	1.7
45774 (2284041)	5.4	2	246	0.6	0.64	8.5	0.41	1.3	0.28	2.58	155	<1	18.2	1.8
45775 (2284042)	5.6	2	247	0.5	0.63	8.2	0.40	1.3	0.28	2.44	152	1	17.9	1.9
45776 (2284043)	5.2	3	170	0.6	0.61	7.9	0.40	1.1	0.27	2.20	148	<1	17.7	1.8
45777 (2284044)	5.1	3	183	<0.5	0.57	8.6	0.37	1.0	0.23	2.43	141	<1	16.5	1.6
45778 (2284045)	5.5	1	193	<0.5	0.58	7.7	0.38	0.8	0.25	2.26	137	<1	17.1	1.8
45779 (2284046)	4.7	1	255	<0.5	0.62	8.1	0.34	<0.5	0.20	2.36	114	<1	16.2	1.6
45780 (2284047)	5.1	<1	330	<0.5	0.52	7.2	0.39	<0.5	0.20	2.25	114	<1	14.6	1.4
45781 (2284048)	4.3	1	212	0.5	0.51	8.3	0.35	<0.5	0.24	2.41	118	<1	14.1	1.4
45782 (2284049)	5.1	1	237	0.5	0.50	7.6	0.35	<0.5	0.21	2.23	116	<1	15.1	1.5

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727528

PROJECT: 2021 Surimeau DDH Batch 6

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jun 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
45783 (2284050)	5.7	2	262	0.7	0.60	8.6	0.39	<0.5	0.25	2.71	123	<1	16.5	1.5
45784 (2284051)	4.5	1	217	0.5	0.49	8.0	0.35	<0.5	0.24	2.47	116	<1	15.0	1.5
45785 (2284052)	4.5	<1	247	<0.5	0.48	7.7	0.33	<0.5	0.20	2.42	101	<1	13.2	1.5
45786 (2284053)	6.3	<1	342	0.5	0.59	8.8	0.37	0.5	0.23	2.70	112	<1	15.2	1.4
45787 (2284054)	5.0	1	379	<0.5	0.49	7.9	0.35	<0.5	0.21	2.51	111	<1	14.4	1.6
45788 (2284055)	5.2	<1	195	0.6	0.58	9.1	0.37	<0.5	0.21	2.70	119	<1	16.7	1.6
45789 (2284056)	5.2	<1	195	0.5	0.53	8.3	0.35	<0.5	0.23	2.46	112	<1	16.4	1.6
45790 (2284057)	5.5	<1	202	0.5	0.56	8.5	0.34	<0.5	0.23	2.64	107	<1	15.1	1.5
45791 (2284058)	5.4	<1	335	0.5	0.52	7.8	0.39	<0.5	0.23	2.67	115	<1	15.2	1.5
45792 (2284059)	4.9	<1	356	0.6	0.54	8.6	0.39	0.6	0.23	2.62	115	<1	15.8	1.7
45793 (2284060)	4.6	<1	295	0.5	0.54	7.3	0.34	<0.5	0.22	2.57	96	<1	15.1	1.5
45794 (2284061)	4.4	3	232	0.5	0.52	7.3	0.35	<0.5	0.21	2.30	110	<1	14.9	1.4
45795C-DUP (2284062)	5.0	<1	232	<0.5	0.50	7.7	0.35	<0.5	0.24	2.41	112	<1	16.1	1.5
45796 (2284063)	5.0	<1	245	<0.5	0.59	7.6	0.37	<0.5	0.27	2.25	125	<1	15.8	1.4
45797 (2284064)	4.9	<1	275	<0.5	0.50	7.4	0.35	<0.5	0.22	2.35	117	<1	13.9	1.5
45798 (2284065)	5.0	<1	197	0.5	0.57	9.1	0.39	0.6	0.25	2.47	138	<1	16.1	1.7
45799 (2284066)	5.1	<1	319	0.5	0.53	7.8	0.35	0.6	0.20	2.43	117	<1	14.8	1.5
45800 (2284067)	4.1	<1	872	<0.5	0.39	5.4	0.28	<0.5	0.13	1.75	84	<1	10.6	1.0

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727528

PROJECT: 2021 Surimeau DDH Batch 6

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jun 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
45751 (2284018)	47	14.1
45752 (2284019)	<5	1.7
45753 (2284020)	50	12.9
45754 (2284021)	59	14.7
45755 (2284022)	58	12.4
45756 (2284023)	48	12.5
45757 (2284024)	42	13.5
45758 (2284025)	58	21.1
45759 (2284026)	75	12.0
45760 (2284027)	105	11.1
45761 (2284028)	171	11.0
45762C-DUP (2284029)	171	10.8
45763 (2284030)	244	79.5
45764 (2284031)	284	162
45765 (2284032)	271	160
45766 (2284033)	145	92.8
45767 (2284034)	208	108
45768 (2284035)	211	121
45769 (2284036)	400	185
45770 (2284037)	111	126
45771 (2284038)	166	127
45772 (2284039)	6	2.4
45773 (2284040)	181	127
45774 (2284041)	234	131
45775 (2284042)	172	126
45776 (2284043)	255	127
45777 (2284044)	237	129
45778 (2284045)	234	131
45779 (2284046)	607	147
45780 (2284047)	294	145
45781 (2284048)	812	142
45782 (2284049)	247	140

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727528

PROJECT: 2021 Surimeau DDH Batch 6

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jun 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
45783 (2284050)	453	146
45784 (2284051)	371	139
45785 (2284052)	189	140
45786 (2284053)	125	145
45787 (2284054)	126	132
45788 (2284055)	157	149
45789 (2284056)	87	141
45790 (2284057)	74	139
45791 (2284058)	160	141
45792 (2284059)	185	148
45793 (2284060)	105	134
45794 (2284061)	135	142
45795C-DUP (2284062)	132	134
45796 (2284063)	118	136
45797 (2284064)	88	131
45798 (2284065)	93	129
45799 (2284066)	81	137
45800 (2284067)	56	121

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727528

PROJECT: 2021 Surimeau DDH Batch 6

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jun 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
45751 (2284018)	84.31
45770 (2284037)	76.07
45790 (2284057)	78.98

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727528

PROJECT: 2021 Surimeau DDH Batch 6

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jun 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
45751 (2284018)	88.25
45770 (2284037)	88.62
45790 (2284057)	86.65

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2284018	< 1	< 1	0.0%	2284032	< 1	< 1	0.0%	2284043	< 1	< 1	0.0%	2284058	< 1	< 1	0.0%
Al	2284018	2.51	2.52	0.4%	2284032	6.64	6.88	3.6%	2284043	9.12	9.03	1.0%	2284058	8.87	8.85	0.2%
As	2284018	< 5	< 5	0.0%	2284032	< 5	< 5	0.0%	2284043	< 5	< 5	0.0%	2284058	< 5	< 5	0.0%
B	2284018	< 20	< 20	0.0%	2284032	< 20	< 20	0.0%	2284043	< 20	< 20	0.0%	2284058	< 20	< 20	0.0%
Ba	2284018	10.0	10.9	8.6%	2284032	745	789	5.7%	2284043	439	423	3.7%	2284058	570	557	2.3%
Be	2284018	< 5	< 5	0.0%	2284032	< 5	< 5	0.0%	2284043	< 5	< 5	0.0%	2284058	< 5	< 5	0.0%
Bi	2284018	0.50	0.43	15.1%	2284032	0.34	0.42	21.1%	2284043	0.39	0.35	10.8%	2284058	0.1	< 0.1	
Ca	2284018	10.4	10.3	1.0%	2284032	6.84	7.07	3.3%	2284043	1.39	1.38	0.7%	2284058	1.55	1.53	1.3%
Cd	2284018	< 0.2	< 0.2	0.0%	2284032	0.2	0.3		2284043	0.6	0.7	15.4%	2284058	0.28	0.24	15.4%
Ce	2284018	2.4	2.2	8.7%	2284032	92.0	92.7	0.8%	2284043	61.9	63.9	3.2%	2284058	63.5	62.4	1.7%
Co	2284018	76.7	75.9	1.0%	2284032	45.0	44.8	0.4%	2284043	28.9	27.7	4.2%	2284058	27.2	26.9	1.1%
Cr	2284018	0.187	0.186	0.5%	2284032	0.0553	0.0583	5.3%	2284043	0.0447	0.0373	18.0%	2284058	0.0471	0.0480	1.9%
Cs	2284018	0.6	0.5	18.2%	2284032	2.36	2.20	7.0%	2284043	3.8	3.3	14.1%	2284058	3.55	3.67	3.3%
Cu	2284018	29	29	0.0%	2284032	83	88	5.8%	2284043	81	82	1.2%	2284058	98	94	4.2%
Dy	2284018	1.29	1.24	4.0%	2284032	5.11	4.79	6.5%	2284043	3.35	3.03	10.0%	2284058	2.98	2.89	3.1%
Er	2284018	0.772	0.797	3.2%	2284032	2.45	2.80	13.3%	2284043	2.02	1.85	8.8%	2284058	1.57	1.66	5.6%
Eu	2284018	0.465	0.495	6.3%	2284032	2.43	2.31	5.1%	2284043	1.60	1.30	20.7%	2284058	1.26	1.36	7.6%
Fe	2284018	6.50	6.46	0.6%	2284032	8.21	8.49	3.4%	2284043	5.14	5.08	1.2%	2284058	4.86	4.85	0.2%
Ga	2284018	5.70	5.58	2.1%	2284032	18.2	18.5	1.6%	2284043	24.0	23.0	4.3%	2284058	24.0	23.5	2.1%
Gd	2284018	0.944	0.824	13.6%	2284032	7.31	7.23	1.1%	2284043	4.13	4.73	13.5%	2284058	4.11	4.17	1.4%
Ge	2284018	2	2	0.0%	2284032	2	2	0.0%	2284043	2	2	0.0%	2284058	1	1	0.0%
Hf	2284018	< 1	< 1	0.0%	2284032	4	4	0.0%	2284043	4	4	0.0%	2284058	4	4	0.0%
Ho	2284018	0.28	0.28	0.0%	2284032	0.91	0.99	8.4%	2284043	0.73	0.65	11.6%	2284058	0.55	0.61	10.3%
In	2284018	< 0.2	< 0.2	0.0%	2284032	0.2	0.2	0.0%	2284043	< 0.2	< 0.2	0.0%	2284058	< 0.2	< 0.2	0.0%
K	2284018	0.11	0.12	8.7%	2284032	0.694	0.732	5.3%	2284043	2.95	2.97	0.7%	2284058	1.62	1.63	0.6%
La	2284018	1.1	1.1	0.0%	2284032	43.1	44.2	2.5%	2284043	30.7	31.2	1.6%	2284058	31.7	30.4	4.2%
Li	2284018	< 10	< 10	0.0%	2284032	21	22	4.7%	2284043	60	57	5.1%	2284058	29	30	3.4%
Lu	2284018	0.12	0.13	8.0%	2284032	0.37	0.37	0.0%	2284043	0.234	0.248	5.8%	2284058	0.21	0.25	17.4%
Mg	2284018	13.0	12.9	0.8%	2284032	5.59	5.78	3.3%	2284043	2.47	2.38	3.7%	2284058	2.05	2.00	2.5%
Mn	2284018	1620	1600	1.2%	2284032	1580	1630	3.1%	2284043	506	483	4.7%	2284058	513	522	1.7%
Mo	2284018	< 2	< 2	0.0%	2284032	8	6	28.6%	2284043	2	3		2284058	3	3	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2284018	< 1	< 1	0.0%	2284032	6	6	0.0%	2284043	7	7	0.0%	2284058	9	8	11.8%
Nd	2284018	2.0	2.0	0.0%	2284032	46.7	45.5	2.6%	2284043	29.2	29.6	1.4%	2284058	28.4	27.9	1.8%
Ni	2284018	1070	1030	3.8%	2284032	129	140	8.2%	2284043	129	123	4.8%	2284058	101	109	7.6%
P	2284018	< 0.01	< 0.01	0.0%	2284032	0.212	0.216	1.9%	2284043	0.08	0.08	0.0%	2284058	0.07	0.07	0.0%
Pb	2284018	< 5	< 5	0.0%	2284032	16	17	6.1%	2284043	12	12	0.0%	2284058	14	14	0.0%
Pr	2284018	0.33	0.35	5.9%	2284032	11.1	11.3	1.8%	2284043	7.42	7.55	1.7%	2284058	7.25	7.06	2.7%
Rb	2284018	3.9	4.1	5.0%	2284032	26.0	26.2	0.8%	2284043	103	102	1.0%	2284058	60.5	59.5	1.7%
S	2284018	1.19	1.20	0.8%	2284032	0.73	0.78	6.6%	2284043	0.795	0.756	5.0%	2284058	0.333	0.323	3.0%
Sb	2284018	< 0.1	0.1		2284032	0.1	0.1	0.0%	2284043	< 0.1	< 0.1	0.0%	2284058	< 0.1	< 0.1	0.0%
Sc	2284018	20	19	5.1%	2284032	33	35	5.9%	2284043	22	21	4.7%	2284058	18	18	0.0%
Si	2284018	17.8	17.5	1.7%	2284032	24.3	25.2	3.6%	2284043	28.6	28.3	1.1%	2284058	29.4	29.2	0.7%
Sm	2284018	0.7	0.5		2284032	9.23	8.44	8.9%	2284043	5.22	4.93	5.7%	2284058	5.39	5.87	8.5%
Sn	2284018	< 1	1		2284032	4	4	0.0%	2284043	3	3	0.0%	2284058	< 1	< 1	0.0%
Sr	2284018	198	196	1.0%	2284032	625	647	3.5%	2284043	170	169	0.6%	2284058	335	331	1.2%
Ta	2284018	< 0.5	< 0.5	0.0%	2284032	< 0.5	< 0.5	0.0%	2284043	0.56	0.52	7.4%	2284058	0.51	0.58	12.8%
Tb	2284018	0.174	0.217	22.0%	2284032	0.890	0.916	2.9%	2284043	0.61	0.63	3.2%	2284058	0.52	0.53	1.9%
Th	2284018	< 0.1	< 0.1	0.0%	2284032	8.1	8.1	0.0%	2284043	7.95	8.37	5.1%	2284058	7.81	7.74	0.9%
Ti	2284018	0.145	0.147	1.4%	2284032	0.591	0.610	3.2%	2284043	0.396	0.393	0.8%	2284058	0.39	0.39	0.0%
Tl	2284018	< 0.5	< 0.5	0.0%	2284032	< 0.5	< 0.5	0.0%	2284043	1.1	1.0	9.5%	2284058	< 0.5	< 0.5	0.0%
Tm	2284018	0.125	0.103	19.3%	2284032	0.38	0.40	5.1%	2284043	0.27	0.25	7.7%	2284058	0.228	0.215	5.9%
U	2284018	< 0.05	< 0.05	0.0%	2284032	2.55	2.52	1.2%	2284043	2.20	2.35	6.6%	2284058	2.67	2.51	6.2%
V	2284018	96	95	1.0%	2284032	259	276	6.4%	2284043	148	141	4.8%	2284058	115	111	3.5%
W	2284018	< 1	< 1	0.0%	2284032	< 1	< 1	0.0%	2284043	< 1	< 1	0.0%	2284058	< 1	< 1	0.0%
Y	2284018	7.0	7.5	6.9%	2284032	26.6	25.0	6.2%	2284043	17.7	17.1	3.4%	2284058	15.2	13.5	11.8%
Yb	2284018	0.8	0.8	0.0%	2284032	2.3	2.4	4.3%	2284043	1.82	1.53	17.3%	2284058	1.5	1.5	0.0%
Zn	2284018	47	47	0.0%	2284032	271	282	4.0%	2284043	255	254	0.4%	2284058	160	155	3.2%
Zr	2284018	14.1	13.3	5.8%	2284032	160	159	0.6%	2284043	127	125	1.6%	2284058	141	141	0.0%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O727528

PROJECT: 2021 Surimeau DDH Batch 6

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.11	96%	90% - 110%					6.94	6.9	99%	90% - 110%	13.0	12.5	96%	90% - 110%
As	26	27	103%	90% - 110%												
Ba	540	536	99%	90% - 110%									1310	1331	102%	90% - 110%
Be	4.0	3.4	85%	90% - 110%												
Ca	0.907	0.901	99%	90% - 110%					4.01	4.09	102%	90% - 110%	1.42	1.37	97%	90% - 110%
Ce	98	101	103%	90% - 110%	58.2	61.8	106%	90% - 110%								
Co	15	15	97%	90% - 110%												
Cu	150	158	105%	90% - 110%									6.4	6.2	97%	90% - 110%
Er	3.7	3.7	101%	90% - 110%												
Fe	3.77	3.87	103%	90% - 110%					7.56	7.89	104%	90% - 110%				
Ga					22.6	24.6	109%	90% - 110%								
Hf	11	10	93%	90% - 110%												
K	2.55	2.57	101%	90% - 110%					2.02	2.15	106%	90% - 110%	3.68	3.84	104%	90% - 110%
La	44	48	109%	90% - 110%	27.5	28.4	103%	90% - 110%								
Li	47	49	104%	90% - 110%									65.0	71.3	110%	90% - 110%
Lu	0.6	0.5	89%	90% - 110%												
Mg	1.1	1.1	96%	90% - 110%					2.41	2.43	101%	90% - 110%				
Mn	780	766	98%	90% - 110%												
Mo	14	13	91%	90% - 110%												
Nb	20	19	94%	90% - 110%	22.6	21.5	95%	90% - 110%								
Nd					27.3	29.6	109%	90% - 110%								
Ni	32	33	103%	90% - 110%												
P													0.061	0.056	92%	90% - 110%
Pb	31	32	102%	90% - 110%												
Rb	144	157	109%	90% - 110%	85.4	90.8	106%	90% - 110%								
Sb	0.8	0.8	101%	90% - 110%												
Sc	12	12	104%	90% - 110%												
Si	28.4	29.8	105%	90% - 110%					23.65	25.2	107%	90% - 110%	24.4	25.3	104%	90% - 110%
Sm	7.4	8.2	111%	90% - 110%												
Sr	144	150	104%	90% - 110%									310	316	102%	90% - 110%
Ta	1.9	2.1	109%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Tb	1.2	1.1	95%	90% - 110%												
Th	18.4	21	114%	90% - 110%												
Ti	0.527	0.506	96%	90% - 110%									0.222	0.21	94%	90% - 110%
U	5.7	5.8	101%	90% - 110%												
V	77	79	103%	90% - 110%												
W	5	6	119%	90% - 110%												
Y	40	37	94%	90% - 110%	25.3	26	103%	90% - 110%								
Yb					2.66	2.75	103%	90% - 110%								
Zn	130	122	94%	90% - 110%									75.4	75.4	100%	90% - 110%
Zr	390	375	96%	90% - 110%	157	156	99%	90% - 110%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O727528

PROJECT: 2021 Surimeau DDH Batch 6

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC
AGAT WORK ORDER: 21O727528
PROJECT: 2021 Surimeau DDH Batch 6
ATTENTION TO: Francis Newton
SAMPLING SITE:
SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O727528

PROJECT: 2021 Surimeau DDH Batch 6

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC, QC (418)

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 7

AGAT WORK ORDER: 21O727733

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: May 11, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727733

PROJECT: 2021 Surimeau DDH Batch 7

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
45801 (2285889)	4.24
45802 (2285890)	0.66
45803 (2285891)	4.20
45804 (2285892)	4.88
45805 (2285893)	0.06
45806 (2285894)	4.31
45807 (2285895)	4.42
45808 (2285896)	4.34
45809 (2285897)	4.72
45810 (2285898)	4.42
45811 (2285899)	4.11
45812 C-Dup (2285900)	-
45813 (2285901)	4.34
45814 (2285902)	2.34
45815 (2285903)	2.39
45816 (2285904)	2.87
45817 (2285905)	4.07
45818 (2285906)	3.27
45819 (2285907)	3.00
45820 (2285908)	4.62
45821 (2285909)	4.75
45822 (2285910)	0.82
45823 (2285911)	4.60
45824 (2285912)	4.45
45825 (2285913)	4.37
45826 (2285914)	3.97
45827 (2285915)	5.18
45828 (2285916)	3.16
45829 (2285917)	4.63
45830 (2285918)	4.19
45831 (2285919)	2.74

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727733

PROJECT: 2021 Surimeau DDH Batch 7

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
45832 (2285920)	3.04
45833 (2285921)	3.07
45834 (2285922)	3.02
45835 (2285923)	4.66
45836 (2285924)	4.72
45837 (2285925)	3.10
45838 (2285926)	2.57
45839 (2285927)	2.79
45840 (2285928)	2.18
45841 (2285929)	0.79
45842 (2285930)	0.78
45843 (2285931)	2.54
45844 (2285932)	3.43
45845 C-Dup (2285933)	-
45846 (2285934)	2.49
45847 (2285935)	4.08
45848 (2285936)	4.35
45849 (2285937)	4.05
45850 (2285938)	4.54

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727733

PROJECT: 2021 Surimeau DDH Batch 7

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
45801 (2285889)	<1	8.83	<5	<20	667	<5	0.2	1.75	<0.2	68.8	22.1	0.043	3.3	58
45802 (2285890)	<1	0.04	<5	<20	20.9	<5	<0.1	36.6	<0.2	1.3	1.3	<0.005	<0.1	<5
45803 (2285891)	<1	8.28	<5	<20	836	<5	0.1	2.45	<0.2	71.9	28.2	0.047	5.2	57
45804 (2285892)	<1	7.84	<5	<20	720	<5	0.1	1.62	<0.2	71.9	25.9	0.050	5.0	46
45805 (2285893)	2	1.02	23	<20	67.9	<5	0.7	2.51	0.9	12.8	1300	0.023	0.7	14200
45806 (2285894)	<1	8.64	<5	<20	542	<5	0.2	1.32	<0.2	59.4	22.7	0.042	4.9	49
45807 (2285895)	<1	8.24	<5	<20	689	<5	0.2	1.12	<0.2	62.6	27.9	0.058	5.5	42
45808 (2285896)	<1	7.94	7	<20	479	<5	0.2	0.97	<0.2	63.0	22.4	0.045	3.6	44
45809 (2285897)	<1	8.34	<5	<20	757	<5	0.2	1.03	<0.2	66.5	25.8	0.036	4.7	43
45810 (2285898)	<1	8.63	<5	<20	669	<5	0.2	1.11	<0.2	65.4	24.5	0.047	5.3	49
45811 (2285899)	<1	8.92	<5	<20	650	<5	0.3	1.23	<0.2	67.7	26.1	0.045	6.7	50
45812 C-Dup (2285900)	<1	8.84	<5	<20	652	<5	0.3	1.18	<0.2	64.9	25.7	0.044	7.0	48
45813 (2285901)	<1	9.27	<5	<20	653	<5	0.3	1.55	<0.2	72.3	26.8	0.041	6.6	51
45814 (2285902)	<1	8.75	<5	<20	592	<5	0.3	1.39	<0.2	59.4	25.9	0.051	5.3	45
45815 (2285903)	<1	8.00	<5	<20	648	<5	0.2	1.21	<0.2	61.2	24.6	0.046	5.7	38
45816 (2285904)	<1	9.92	<5	<20	861	<5	0.4	1.48	<0.2	60.9	26.3	0.044	5.8	58
45817 (2285905)	<1	8.30	<5	<20	678	<5	0.3	1.20	<0.2	60.2	22.4	0.046	4.8	47
45818 (2285906)	<1	8.97	<5	<20	740	<5	0.3	1.41	<0.2	65.4	27.5	0.046	4.9	49
45819 (2285907)	<1	8.73	<5	25	653	<5	0.3	1.25	<0.2	66.4	25.1	0.037	4.2	45
45820 (2285908)	<1	8.54	<5	<20	596	<5	0.3	1.76	<0.2	74.5	22.5	0.046	3.7	50
45821 (2285909)	<1	8.34	<5	<20	834	<5	0.2	1.40	<0.2	66.0	25.8	0.047	5.1	46
45822 (2285910)	<1	0.05	<5	<20	21.4	<5	<0.1	37.4	<0.2	1.1	1.3	<0.005	<0.1	<5
45823 (2285911)	<1	8.51	<5	<20	675	<5	0.2	2.06	<0.2	66.5	26.1	0.043	4.4	53
45824 (2285912)	<1	9.10	<5	<20	731	<5	0.2	1.45	<0.2	63.5	24.7	0.048	5.9	49
45825 (2285913)	<1	8.91	<5	<20	627	<5	0.2	1.25	<0.2	66.3	25.8	0.044	5.1	50
45826 (2285914)	<1	9.13	<5	<20	588	<5	0.3	1.03	<0.2	62.1	25.9	0.035	5.3	46
45827 (2285915)	<1	8.42	<5	<20	387	<5	0.2	1.33	<0.2	62.5	33.5	0.039	4.0	72
45828 (2285916)	<1	8.15	<5	<20	462	<5	0.2	1.07	<0.2	68.3	29.2	0.036	5.6	72
45829 (2285917)	<1	9.25	<5	<20	641	<5	0.2	1.20	<0.2	63.4	25.8	0.046	6.4	48
45830 (2285918)	<1	9.34	<5	32	537	<5	0.2	1.27	<0.2	66.5	25.5	0.044	6.4	53
45831 (2285919)	<1	9.42	<5	<20	748	<5	0.2	1.42	<0.2	75.0	32.8	0.048	8.7	51
45832 (2285920)	<1	8.70	<5	<20	480	<5	0.1	1.20	<0.2	59.6	23.7	0.046	5.8	47

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727733

PROJECT: 2021 Surimeau DDH Batch 7

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
45833 (2285921)	<1	9.66	<5	<20	768	<5	0.1	1.23	<0.2	69.9	26.7	0.045	6.9	48
45834 (2285922)	<1	8.95	<5	<20	645	<5	<0.1	1.22	<0.2	63.5	23.2	0.036	5.5	47
45835 (2285923)	<1	8.08	<5	<20	625	<5	0.1	1.36	<0.2	59.2	22.4	0.045	5.2	48
45836 (2285924)	<1	8.23	<5	<20	829	<5	0.1	2.01	<0.2	59.0	23.0	0.046	5.3	41
45837 (2285925)	<1	8.63	<5	<20	731	<5	<0.1	1.34	<0.2	59.9	23.4	0.037	5.3	45
45838 (2285926)	<1	8.58	<5	<20	617	<5	0.4	1.24	0.3	64.3	22.6	0.049	6.6	34
45839 (2285927)	<1	8.13	<5	<20	707	<5	0.2	1.22	<0.2	72.6	23.6	0.039	3.5	49
45840 (2285928)	<1	8.33	<5	<20	828	<5	0.4	3.15	<0.2	67.7	30.3	0.041	5.7	33
45841 (2285929)	<1	5.88	<5	<20	503	<5	0.6	1.87	<0.2	35.0	15.2	0.053	2.6	36
45842 (2285930)	<1	6.52	<5	<20	712	<5	1.2	1.54	<0.2	48.4	25.2	0.055	4.2	78
45843 (2285931)	<1	9.12	<5	<20	782	<5	0.5	1.19	<0.2	65.8	26.3	0.036	4.8	42
45844 (2285932)	<1	8.58	<5	<20	635	<5	0.3	2.26	<0.2	68.2	26.5	0.050	5.2	44
45845 C-Dup (2285933)	<1	8.79	<5	<20	625	<5	0.3	2.47	<0.2	70.6	26.4	0.051	4.9	49
45846 (2285934)	<1	9.06	<5	23	782	<5	0.3	1.49	<0.2	63.4	24.1	0.036	7.0	47
45847 (2285935)	<1	8.12	<5	<20	566	<5	0.4	2.20	<0.2	64.1	21.9	0.047	4.9	45
45848 (2285936)	<1	8.92	<5	22	686	<5	0.3	1.44	<0.2	64.7	26.7	0.042	7.2	54
45849 (2285937)	<1	8.80	<5	<20	651	<5	0.3	1.66	<0.2	63.8	23.4	0.037	5.7	45
45850 (2285938)	<1	8.34	<5	<20	981	<5	0.2	1.67	<0.2	62.3	22.1	0.046	4.5	42

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727733

PROJECT: 2021 Surimeau DDH Batch 7

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
45801 (2285889)	2.74	1.48	1.28	3.45	23.0	4.60	2	4	0.49	<0.2	1.61	33.5	29	0.21
45802 (2285890)	0.25	0.15	<0.05	0.11	0.10	0.29	1	<1	0.06	<0.2	<0.05	1.4	<10	<0.05
45803 (2285891)	3.65	2.12	1.52	5.17	22.5	5.46	2	3	0.71	<0.2	2.17	34.3	34	0.31
45804 (2285892)	2.75	1.57	1.34	4.29	22.1	4.60	2	4	0.53	<0.2	1.82	35.4	28	0.23
45805 (2285893)	1.07	0.63	0.28	34.7	3.80	1.29	2	<1	0.21	<0.2	0.15	6.5	<10	0.08
45806 (2285894)	2.49	1.44	1.23	4.28	21.4	3.92	2	4	0.49	<0.2	2.13	29.1	35	0.21
45807 (2285895)	2.70	1.58	1.14	4.74	23.8	4.36	2	3	0.52	<0.2	2.36	30.6	43	0.22
45808 (2285896)	2.51	1.32	1.12	3.86	21.1	4.19	2	4	0.48	<0.2	1.61	30.8	35	0.20
45809 (2285897)	2.90	1.66	1.16	4.19	23.3	4.38	2	4	0.58	<0.2	2.12	31.8	36	0.23
45810 (2285898)	2.99	1.70	1.12	4.32	23.0	4.31	2	4	0.58	<0.2	2.29	32.4	37	0.25
45811 (2285899)	3.23	1.81	1.29	4.61	23.7	4.61	2	4	0.61	<0.2	2.29	33.2	44	0.25
45812 C-Dup (2285900)	3.03	1.73	1.25	4.59	23.4	4.51	2	4	0.61	<0.2	2.29	31.6	44	0.27
45813 (2285901)	3.13	1.72	1.39	4.93	24.2	4.89	2	4	0.58	<0.2	2.40	35.4	42	0.25
45814 (2285902)	2.78	1.53	1.10	4.61	22.2	4.01	2	3	0.53	<0.2	2.14	29.1	44	0.24
45815 (2285903)	2.70	1.40	1.14	4.16	22.1	4.06	2	4	0.52	<0.2	2.07	29.9	40	0.22
45816 (2285904)	2.76	1.68	1.19	5.17	22.8	4.20	2	4	0.57	<0.2	2.77	29.9	48	0.24
45817 (2285905)	2.53	1.37	1.08	4.10	21.1	3.86	2	4	0.46	<0.2	1.98	30.0	34	0.20
45818 (2285906)	2.97	1.71	1.27	4.76	24.7	4.47	2	4	0.57	<0.2	2.25	31.9	42	0.25
45819 (2285907)	2.93	1.61	1.30	4.27	24.1	4.44	2	4	0.57	<0.2	2.30	32.3	31	0.24
45820 (2285908)	3.09	1.79	1.33	3.70	21.2	4.71	2	4	0.57	<0.2	1.79	37.1	29	0.25
45821 (2285909)	2.83	1.46	1.25	4.24	24.3	4.17	2	4	0.53	<0.2	2.10	32.6	35	0.20
45822 (2285910)	0.24	0.18	<0.05	0.11	0.21	0.28	1	<1	<0.05	<0.2	<0.05	1.3	<10	<0.05
45823 (2285911)	3.00	1.65	1.31	4.71	21.7	4.67	2	4	0.57	<0.2	1.80	32.2	35	0.24
45824 (2285912)	2.90	1.52	1.18	4.60	23.0	4.29	2	4	0.58	<0.2	2.35	31.0	41	0.23
45825 (2285913)	2.86	1.70	1.20	4.71	24.2	4.42	2	4	0.55	<0.2	2.28	32.4	48	0.24
45826 (2285914)	2.92	1.60	1.28	4.63	24.7	4.31	2	4	0.55	<0.2	2.46	30.2	46	0.25
45827 (2285915)	3.25	1.63	1.31	5.35	23.5	4.76	2	4	0.60	<0.2	1.78	30.0	54	0.26
45828 (2285916)	2.95	1.62	1.30	4.28	22.9	4.56	2	3	0.58	<0.2	1.99	33.0	41	0.24
45829 (2285917)	2.80	1.64	1.22	4.74	24.1	4.31	2	4	0.53	<0.2	2.55	30.0	45	0.21
45830 (2285918)	2.84	1.54	1.23	4.74	23.6	4.41	2	4	0.49	<0.2	2.48	32.5	44	0.21
45831 (2285919)	3.40	1.87	1.41	5.27	25.4	5.10	2	4	0.64	<0.2	3.04	35.9	57	0.26
45832 (2285920)	2.63	1.54	1.23	4.21	22.8	3.97	2	4	0.48	<0.2	2.00	29.5	54	0.20

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727733

PROJECT: 2021 Surimeau DDH Batch 7

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
45833 (2285921)	2.95	1.57	1.33	4.67	26.0	4.42	2	4	0.55	<0.2	2.27	34.4	51	0.23
45834 (2285922)	2.72	1.53	1.30	4.33	24.5	4.27	2	3	0.52	<0.2	1.94	30.6	54	0.21
45835 (2285923)	2.59	1.41	1.07	4.01	21.7	3.90	2	4	0.50	<0.2	1.89	28.5	46	0.20
45836 (2285924)	2.60	1.47	1.09	4.00	23.2	3.93	2	4	0.49	<0.2	2.02	28.6	42	0.21
45837 (2285925)	2.63	1.41	1.15	4.10	23.7	4.01	2	4	0.47	<0.2	2.34	29.0	50	0.21
45838 (2285926)	2.68	1.53	1.17	4.31	23.2	3.99	2	4	0.53	<0.2	2.07	31.8	34	0.21
45839 (2285927)	2.60	1.39	1.22	3.92	22.4	4.27	2	3	0.49	<0.2	1.93	36.0	32	0.20
45840 (2285928)	3.66	2.03	1.48	5.73	25.8	5.57	3	4	0.69	<0.2	2.33	32.3	38	0.29
45841 (2285929)	1.54	0.90	0.98	2.66	13.8	2.41	2	2	0.29	<0.2	1.23	17.0	17	0.13
45842 (2285930)	1.69	0.83	0.94	3.79	16.4	2.88	2	3	0.30	<0.2	1.80	23.1	26	0.14
45843 (2285931)	3.08	1.70	1.38	4.68	24.5	4.62	2	4	0.59	<0.2	2.61	31.5	41	0.25
45844 (2285932)	3.15	1.72	1.34	4.77	22.9	4.48	2	4	0.58	<0.2	2.01	33.0	33	0.25
45845 C-Dup (2285933)	3.09	1.73	1.39	4.76	22.9	4.71	2	4	0.61	<0.2	1.95	33.7	33	0.25
45846 (2285934)	2.55	1.37	1.11	4.48	22.8	4.01	2	3	0.49	<0.2	2.49	30.5	39	0.21
45847 (2285935)	2.72	1.32	1.18	4.04	22.4	4.00	2	4	0.49	<0.2	1.85	31.7	28	0.20
45848 (2285936)	3.09	1.87	1.35	4.69	24.1	4.53	2	4	0.60	<0.2	2.67	31.6	36	0.26
45849 (2285937)	2.63	1.49	1.21	4.18	22.9	4.25	2	4	0.51	<0.2	2.28	31.5	35	0.23
45850 (2285938)	2.48	1.32	1.14	3.90	22.5	4.05	2	3	0.46	<0.2	1.96	30.1	35	0.20

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727733

PROJECT: 2021 Surimeau DDH Batch 7

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
45801 (2285889)	1.45	410	<2	5	32.0	79	0.10	15	8.38	57.0	0.30	<0.1	11	31.7
45802 (2285890)	1.32	103	<2	<1	1.0	<5	<0.01	<5	0.24	0.9	0.59	<0.1	<5	3.39
45803 (2285891)	2.37	749	3	6	34.8	75	0.10	14	8.69	84.0	0.28	0.2	21	27.5
45804 (2285892)	2.01	549	4	6	32.2	90	0.07	17	8.42	72.8	0.20	<0.1	14	29.5
45805 (2285893)	1.75	589	2	1	5.8	21900	<0.01	41	1.54	3.7	22.7	0.4	8	7.36
45806 (2285894)	1.75	516	<2	6	26.8	85	0.07	11	7.02	82.8	0.22	<0.1	15	31.1
45807 (2285895)	2.53	499	6	6	27.5	131	0.07	10	7.35	87.4	0.22	<0.1	17	29.2
45808 (2285896)	1.79	425	10	5	27.6	124	0.06	10	7.34	56.5	0.25	<0.1	14	30.5
45809 (2285897)	1.81	479	3	6	29.9	88	0.05	14	7.98	80.7	0.25	0.1	16	29.5
45810 (2285898)	1.78	500	2	6	28.7	94	0.06	11	7.56	86.0	0.23	<0.1	16	30.5
45811 (2285899)	1.85	549	3	7	30.4	96	0.06	7	8.79	93.0	0.21	<0.1	17	31.3
45812 C-Dup (2285900)	1.86	547	2	7	29.1	94	0.05	7	7.68	87.3	0.20	<0.1	16	30.7
45813 (2285901)	2.17	570	2	6	32.5	109	0.08	9	8.47	93.0	0.22	<0.1	18	30.5
45814 (2285902)	2.05	613	3	6	26.8	99	0.06	7	7.10	82.1	0.21	<0.1	16	32.1
45815 (2285903)	1.86	598	<2	6	27.2	95	0.06	9	7.16	76.6	0.15	<0.1	14	29.3
45816 (2285904)	2.04	707	2	6	27.0	105	0.08	7	7.11	89.9	0.27	<0.1	18	34.2
45817 (2285905)	1.68	517	3	6	26.4	96	0.06	9	7.03	77.5	0.20	<0.1	14	30.2
45818 (2285906)	2.03	604	3	6	29.3	92	0.07	13	7.82	82.9	0.21	<0.1	17	31.5
45819 (2285907)	1.71	505	2	6	29.7	88	0.06	13	7.88	77.9	0.20	<0.1	16	29.8
45820 (2285908)	1.42	521	4	5	33.1	90	0.07	15	8.67	67.0	0.27	0.1	13	31.7
45821 (2285909)	1.67	559	2	6	29.1	94	0.06	19	7.76	85.9	0.22	<0.1	15	29.5
45822 (2285910)	1.81	95	<2	<1	1.1	<5	<0.01	<5	0.22	<0.2	0.58	<0.1	<5	3.98
45823 (2285911)	2.34	698	4	6	30.2	100	0.07	13	7.84	61.8	0.29	<0.1	16	33.0
45824 (2285912)	1.96	557	4	6	28.7	111	0.06	17	7.45	87.8	0.20	<0.1	17	31.9
45825 (2285913)	2.13	556	3	6	29.8	94	0.07	15	7.92	90.7	0.24	<0.1	18	29.9
45826 (2285914)	1.89	484	<2	6	28.9	91	0.06	6	7.50	85.5	0.20	<0.1	17	30.1
45827 (2285915)	3.17	504	2	6	28.8	92	0.10	6	7.51	58.1	0.43	<0.1	20	27.7
45828 (2285916)	1.82	464	8	6	30.4	119	0.05	15	8.02	73.7	0.34	<0.1	16	27.6
45829 (2285917)	1.88	552	3	6	28.1	98	0.06	13	7.50	90.8	0.21	<0.1	17	31.7
45830 (2285918)	1.97	514	7	6	30.8	102	0.06	14	7.94	83.6	0.29	<0.1	18	31.9
45831 (2285919)	2.91	582	3	6	35.0	153	0.11	15	9.03	119	0.21	<0.1	20	28.8
45832 (2285920)	1.86	507	6	6	26.8	85	0.06	17	6.97	75.4	0.21	<0.1	15	31.6

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727733

PROJECT: 2021 Surimeau DDH Batch 7

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
45833 (2285921)	1.98	546	9	6	31.4	100	0.03	18	8.30	86.1	0.23	0.1	18	29.5
45834 (2285922)	1.81	505	4	6	28.8	85	0.05	15	7.52	73.4	0.27	0.1	16	30.6
45835 (2285923)	1.72	518	2	6	27.0	85	0.05	16	7.09	70.7	0.24	<0.1	14	29.6
45836 (2285924)	2.09	538	3	6	26.7	78	0.10	22	7.09	77.3	0.24	0.1	14	31.3
45837 (2285925)	1.79	523	3	6	26.3	86	0.05	21	6.98	88.9	0.17	<0.1	15	31.3
45838 (2285926)	1.70	657	2	6	28.2	81	0.05	11	7.50	80.4	0.21	<0.1	14	31.0
45839 (2285927)	1.64	444	4	6	32.0	82	0.05	16	8.57	74.4	0.20	<0.1	14	30.5
45840 (2285928)	3.15	1100	3	7	32.6	88	0.17	15	8.32	99.2	0.19	<0.1	23	27.6
45841 (2285929)	1.25	480	<2	3	16.5	51	0.03	13	4.21	50.3	0.19	<0.1	9	34.9
45842 (2285930)	1.61	504	3	4	21.4	94	0.03	13	5.76	62.2	0.37	<0.1	12	35.7
45843 (2285931)	1.89	566	4	6	29.6	100	0.06	17	7.72	85.2	0.18	<0.1	18	29.8
45844 (2285932)	2.15	764	<2	6	31.1	90	0.08	12	8.23	75.9	0.23	<0.1	18	31.1
45845 C-Dup (2285933)	2.22	737	3	6	32.6	92	0.09	13	8.60	65.4	0.23	<0.1	18	31.5
45846 (2285934)	1.85	528	<2	6	28.4	91	0.06	14	7.38	96.6	0.17	<0.1	17	30.9
45847 (2285935)	1.68	615	<2	5	28.4	78	0.06	13	7.48	74.3	0.25	<0.1	14	31.9
45848 (2285936)	1.79	584	3	6	29.3	97	0.06	16	7.81	111	0.22	<0.1	17	28.5
45849 (2285937)	1.69	530	<2	6	29.1	85	0.05	14	7.57	85.2	0.21	<0.1	15	31.6
45850 (2285938)	1.72	534	<2	5	28.3	81	0.05	12	7.51	74.3	0.20	<0.1	14	31.4

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727733

PROJECT: 2021 Surimeau DDH Batch 7

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
45801 (2285889)	5.3	<1	632	0.5	0.57	7.6	0.29	<0.5	0.20	2.30	79	<1	13.9	1.3
45802 (2285890)	0.2	<1	78.0	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.13	<5	<1	2.3	0.2
45803 (2285891)	6.2	3	440	0.5	0.70	7.5	0.39	0.8	0.29	2.26	133	<1	18.5	2.1
45804 (2285892)	5.7	<1	362	0.5	0.59	8.6	0.34	0.8	0.21	2.55	100	1	14.5	1.5
45805 (2285893)	1.3	<1	31.9	<0.5	0.19	1.0	0.11	<0.5	0.09	0.24	52	4	5.2	0.5
45806 (2285894)	4.7	<1	294	0.5	0.51	7.2	0.35	0.8	0.20	2.27	103	<1	13.1	1.4
45807 (2285895)	4.8	<1	228	0.5	0.53	7.5	0.37	1.0	0.21	2.46	125	<1	14.4	1.5
45808 (2285896)	4.8	<1	253	0.5	0.54	8.2	0.32	0.9	0.19	2.45	95	<1	12.9	1.4
45809 (2285897)	4.9	<1	259	0.5	0.61	8.2	0.34	1.0	0.23	2.55	106	<1	15.1	1.6
45810 (2285898)	5.1	<1	258	0.6	0.57	8.4	0.35	1.0	0.23	3.06	106	<1	15.1	1.6
45811 (2285899)	5.2	<1	266	0.6	0.63	8.9	0.38	1.0	0.25	2.62	111	<1	16.3	1.8
45812 C-Dup (2285900)	5.2	<1	259	0.6	0.61	8.5	0.37	0.9	0.25	2.55	109	<1	16.0	1.8
45813 (2285901)	5.7	<1	294	0.6	0.66	8.8	0.40	0.9	0.23	2.57	120	<1	15.9	1.6
45814 (2285902)	5.0	<1	284	0.6	0.56	7.7	0.37	0.8	0.22	2.31	106	<1	14.1	1.5
45815 (2285903)	4.8	<1	275	0.5	0.55	7.8	0.34	0.8	0.21	2.44	97	<1	13.9	1.5
45816 (2285904)	4.9	<1	290	0.6	0.55	7.5	0.42	0.8	0.21	2.38	122	<1	14.8	1.6
45817 (2285905)	4.5	<1	279	0.5	0.50	8.2	0.34	0.6	0.19	2.49	99	2	12.6	1.3
45818 (2285906)	4.9	<1	281	0.6	0.59	8.3	0.38	0.5	0.25	2.52	120	<1	15.4	1.7
45819 (2285907)	5.2	<1	245	0.6	0.60	8.1	0.36	0.5	0.23	2.39	105	<1	14.9	1.6
45820 (2285908)	5.6	<1	293	<0.5	0.62	9.1	0.31	<0.5	0.24	2.84	83	<1	15.9	1.7
45821 (2285909)	4.9	<1	280	0.6	0.57	8.5	0.35	0.7	0.22	2.63	104	<1	14.1	1.4
45822 (2285910)	0.2	<1	72.5	<0.5	<0.05	0.1	<0.01	<0.5	<0.05	0.12	<5	<1	2.3	0.2
45823 (2285911)	5.3	<1	377	0.6	0.60	8.6	0.39	0.8	0.22	2.72	114	<1	15.1	1.6
45824 (2285912)	5.0	<1	262	0.6	0.54	8.4	0.37	1.0	0.22	2.58	115	<1	14.9	1.5
45825 (2285913)	5.2	<1	226	0.6	0.58	8.3	0.37	1.0	0.21	2.53	118	<1	15.3	1.6
45826 (2285914)	5.0	<1	226	0.6	0.59	8.0	0.38	1.0	0.21	2.43	112	<1	14.8	1.5
45827 (2285915)	5.4	<1	231	0.6	0.67	8.5	0.41	0.9	0.24	2.41	126	<1	16.2	1.7
45828 (2285916)	5.2	<1	227	0.6	0.60	8.0	0.35	0.9	0.24	2.46	107	<1	15.5	1.7
45829 (2285917)	4.8	<1	266	0.6	0.54	7.9	0.39	0.9	0.22	2.38	117	<1	14.0	1.5
45830 (2285918)	5.2	<1	250	0.5	0.57	8.1	0.39	0.9	0.21	2.68	121	<1	14.0	1.4
45831 (2285919)	6.1	<1	229	0.6	0.68	8.7	0.41	1.1	0.26	2.61	137	<1	16.5	1.6
45832 (2285920)	4.5	<1	268	0.6	0.51	7.7	0.35	0.8	0.20	2.46	102	<1	13.1	1.4

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727733

PROJECT: 2021 Surimeau DDH Batch 7

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
45833 (2285921)	5.1	<1	306	0.6	0.59	9.2	0.39	0.8	0.23	2.94	120	<1	14.0	1.6
45834 (2285922)	5.0	<1	312	0.5	0.53	7.7	0.36	0.7	0.20	2.49	108	1	14.0	1.4
45835 (2285923)	4.6	<1	284	0.5	0.51	8.1	0.34	0.6	0.21	2.51	94	<1	13.7	1.4
45836 (2285924)	4.8	<1	352	0.6	0.52	8.3	0.34	<0.5	0.20	2.68	95	<1	13.2	1.4
45837 (2285925)	4.6	<1	227	0.6	0.50	8.0	0.35	0.6	0.19	2.63	103	<1	13.1	1.3
45838 (2285926)	4.8	<1	313	0.6	0.54	9.1	0.34	0.6	0.21	2.74	97	<1	13.4	1.4
45839 (2285927)	5.0	<1	305	0.6	0.52	7.8	0.32	0.6	0.20	2.33	94	<1	12.9	1.3
45840 (2285928)	6.3	3	346	0.6	0.74	7.9	0.50	0.9	0.28	2.51	157	<1	18.9	1.9
45841 (2285929)	3.1	<1	394	<0.5	0.31	4.2	0.23	0.6	0.11	1.20	60	<1	7.6	0.8
45842 (2285930)	3.8	<1	382	<0.5	0.36	6.8	0.30	0.9	0.12	1.91	85	<1	7.2	0.9
45843 (2285931)	5.5	<1	319	0.6	0.60	8.4	0.37	1.1	0.23	2.44	115	<1	15.8	1.6
45844 (2285932)	5.3	<1	365	0.6	0.59	8.3	0.38	0.9	0.25	2.58	118	<1	16.0	1.7
45845 C-Dup (2285933)	5.8	<1	391	0.6	0.61	8.6	0.39	0.9	0.24	2.73	121	<1	16.3	1.7
45846 (2285934)	5.0	<1	314	0.6	0.56	8.3	0.37	1.0	0.19	2.42	111	<1	12.8	1.4
45847 (2285935)	4.6	<1	329	0.6	0.54	8.8	0.33	0.8	0.21	2.73	97	<1	13.3	1.4
45848 (2285936)	5.3	<1	265	0.6	0.59	8.2	0.38	1.0	0.24	2.46	114	<1	15.6	1.7
45849 (2285937)	4.8	<1	303	0.6	0.58	8.2	0.35	0.9	0.19	2.50	101	<1	13.9	1.5
45850 (2285938)	4.8	<1	525	<0.5	0.51	7.2	0.32	0.8	0.18	2.34	96	<1	12.5	1.3

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727733

PROJECT: 2021 Surimeau DDH Batch 7

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
45801 (2285889)	61	138
45802 (2285890)	12	1.9
45803 (2285891)	102	125
45804 (2285892)	98	139
45805 (2285893)	65	30.3
45806 (2285894)	93	135
45807 (2285895)	183	122
45808 (2285896)	79	144
45809 (2285897)	84	134
45810 (2285898)	82	130
45811 (2285899)	102	136
45812 C-Dup (2285900)	100	134
45813 (2285901)	112	135
45814 (2285902)	118	126
45815 (2285903)	95	134
45816 (2285904)	116	128
45817 (2285905)	104	134
45818 (2285906)	111	136
45819 (2285907)	92	129
45820 (2285908)	66	148
45821 (2285909)	98	137
45822 (2285910)	6	1.7
45823 (2285911)	114	139
45824 (2285912)	88	135
45825 (2285913)	78	139
45826 (2285914)	95	132
45827 (2285915)	75	146
45828 (2285916)	84	125
45829 (2285917)	98	135
45830 (2285918)	102	125
45831 (2285919)	91	126
45832 (2285920)	82	133

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727733

PROJECT: 2021 Surimeau DDH Batch 7

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
45833 (2285921)	104	153
45834 (2285922)	116	123
45835 (2285923)	88	130
45836 (2285924)	80	136
45837 (2285925)	85	130
45838 (2285926)	260	129
45839 (2285927)	68	128
45840 (2285928)	109	144
45841 (2285929)	59	71.4
45842 (2285930)	123	107
45843 (2285931)	91	124
45844 (2285932)	113	134
45845 C-Dup (2285933)	115	131
45846 (2285934)	77	119
45847 (2285935)	80	133
45848 (2285936)	83	128
45849 (2285937)	86	137
45850 (2285938)	106	121

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727733

PROJECT: 2021 Surimeau DDH Batch 7

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
45801 (2285889)	81.54
45820 (2285908)	89.06
45840 (2285928)	82.32

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727733

PROJECT: 2021 Surimeau DDH Batch 7

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: May 11, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
45801 (2285889)	89.13
45820 (2285908)	89.37
45840 (2285928)	89.43

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O727733

PROJECT: 2021 Surimeau DDH Batch 7

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2285889	< 1	< 1	0.0%	2285903	< 1	< 1	0.0%	2285914	< 1	< 1	0.0%	2285929	< 1	< 1	0.0%
Al	2285889	8.83	9.09	2.9%	2285903	8.00	8.55	6.6%	2285914	9.13	9.56	4.6%	2285929	5.88	6.10	3.7%
As	2285889	< 5	< 5	0.0%	2285903	< 5	< 5	0.0%	2285914	< 5	< 5	0.0%	2285929	< 5	< 5	0.0%
B	2285889	< 20	< 20	0.0%	2285903	< 20	< 20	0.0%	2285914	< 20	< 20	0.0%	2285929	< 20	< 20	0.0%
Ba	2285889	667	746	11.2%	2285903	648	683	5.3%	2285914	588	673	13.5%	2285929	503	517	2.7%
Be	2285889	< 5	< 5	0.0%	2285903	< 5	< 5	0.0%	2285914	< 5	< 5	0.0%	2285929	< 5	< 5	0.0%
Bi	2285889	0.2	0.1		2285903	0.21	0.26	21.3%	2285914	0.3	0.3	0.0%	2285929	0.6	0.6	0.0%
Ca	2285889	1.75	1.62	7.7%	2285903	1.21	1.30	7.2%	2285914	1.03	1.08	4.7%	2285929	1.87	1.95	4.2%
Cd	2285889	< 0.2	< 0.2	0.0%	2285903	< 0.2	< 0.2	0.0%	2285914	< 0.2	< 0.2	0.0%	2285929	< 0.2	< 0.2	0.0%
Ce	2285889	68.8	59.7	14.2%	2285903	61.2	65.2	6.3%	2285914	62.1	73.9	17.4%	2285929	35.0	34.7	0.9%
Co	2285889	22.1	21.2	4.2%	2285903	24.6	25.7	4.4%	2285914	25.9	27.6	6.4%	2285929	15.2	15.3	0.7%
Cr	2285889	0.0425	0.0404	5.1%	2285903	0.0463	0.0488	5.3%	2285914	0.035	0.046	27.2%	2285929	0.053	0.056	5.5%
Cs	2285889	3.33	3.81	13.4%	2285903	5.71	5.89	3.1%	2285914	5.3	5.5	3.7%	2285929	2.6	2.6	0.0%
Cu	2285889	58	51	12.8%	2285903	38	41	7.6%	2285914	46	52	12.2%	2285929	36	36	0.0%
Dy	2285889	2.74	2.43	12.0%	2285903	2.70	2.86	5.8%	2285914	2.92	3.42	15.8%	2285929	1.54	1.57	1.9%
Er	2285889	1.48	1.24	17.6%	2285903	1.40	1.47	4.9%	2285914	1.60	1.79	11.2%	2285929	0.90	0.83	8.1%
Eu	2285889	1.28	1.13	12.4%	2285903	1.14	1.27	10.8%	2285914	1.28	1.39	8.2%	2285929	0.98	1.01	3.0%
Fe	2285889	3.45	4.02	15.3%	2285903	4.16	4.45	6.7%	2285914	4.63	4.87	5.1%	2285929	2.66	2.78	4.4%
Ga	2285889	23.0	22.7	1.3%	2285903	22.1	23.4	5.7%	2285914	24.7	25.9	4.7%	2285929	13.8	13.7	0.7%
Gd	2285889	4.60	4.00	14.0%	2285903	4.06	4.42	8.5%	2285914	4.31	5.15	17.8%	2285929	2.41	2.55	5.6%
Ge	2285889	2	2	0.0%	2285903	2	2	0.0%	2285914	2	2	0.0%	2285929	2	2	0.0%
Hf	2285889	4	3	28.6%	2285903	4	4	0.0%	2285914	4	4	0.0%	2285929	2	2	0.0%
Ho	2285889	0.49	0.46	6.3%	2285903	0.52	0.53	1.9%	2285914	0.551	0.650	16.5%	2285929	0.288	0.285	1.0%
In	2285889	< 0.2	< 0.2	0.0%	2285903	< 0.2	< 0.2	0.0%	2285914	< 0.2	< 0.2	0.0%	2285929	< 0.2	< 0.2	0.0%
K	2285889	1.61	1.96	19.6%	2285903	2.07	2.22	7.0%	2285914	2.46	2.61	5.9%	2285929	1.23	1.28	4.0%
La	2285889	33.5	28.8	15.1%	2285903	29.9	31.6	5.5%	2285914	30.2	35.4	15.9%	2285929	17.0	16.9	0.6%
Li	2285889	29	35	18.8%	2285903	40	43	7.2%	2285914	46	48	4.3%	2285929	17	18	5.7%
Lu	2285889	0.206	0.174	16.8%	2285903	0.221	0.241	8.7%	2285914	0.25	0.26	3.9%	2285929	0.130	0.115	12.2%
Mg	2285889	1.45	1.70	15.9%	2285903	1.86	1.95	4.7%	2285914	1.89	2.09	10.1%	2285929	1.25	1.30	3.9%
Mn	2285889	410	471	13.8%	2285903	598	620	3.6%	2285914	484	510	5.2%	2285929	480	495	3.1%
Mo	2285889	< 2	< 2	0.0%	2285903	< 2	< 2	0.0%	2285914	2	2	0.0%	2285929	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2285889	5	5	0.0%	2285903	6	6	0.0%	2285914	6	6	0.0%	2285929	3	3	0.0%
Nd	2285889	32.0	27.4	15.5%	2285903	27.2	29.1	6.7%	2285914	28.9	33.4	14.4%	2285929	16.5	15.9	3.7%
Ni	2285889	79	74	6.5%	2285903	95	100	5.1%	2285914	91	109	18.0%	2285929	51	54	5.7%
P	2285889	0.10	0.09	10.5%	2285903	0.06	0.06	0.0%	2285914	0.06	0.07	15.4%	2285929	0.035	0.037	5.6%
Pb	2285889	15	13	14.3%	2285903	9	9	0.0%	2285914	6	7	15.4%	2285929	13	13	0.0%
Pr	2285889	8.38	7.05	17.2%	2285903	7.16	7.55	5.3%	2285914	7.50	8.74	15.3%	2285929	4.21	4.12	2.2%
Rb	2285889	57.0	64.2	11.9%	2285903	76.6	83.6	8.7%	2285914	85.5	103	18.6%	2285929	50.3	51.3	2.0%
S	2285889	0.30	0.26	14.3%	2285903	0.15	0.15	0.0%	2285914	0.200	0.227	12.6%	2285929	0.19	0.19	0.0%
Sb	2285889	< 0.1	< 0.1	0.0%	2285903	< 0.1	< 0.1	0.0%	2285914	< 0.1	< 0.1	0.0%	2285929	< 0.1	< 0.1	0.0%
Sc	2285889	11	14	24.0%	2285903	14	15	6.9%	2285914	17	19	11.1%	2285929	9	10	10.5%
Si	2285889	31.7	31.1	1.9%	2285903	29.3	31.2	6.3%	2285914	30.1	30.6	1.6%	2285929	34.9	36.5	4.5%
Sm	2285889	5.30	4.54	15.4%	2285903	4.82	5.09	5.4%	2285914	5.03	6.22	21.2%	2285929	3.1	2.9	6.7%
Sn	2285889	< 1	2		2285903	< 1	< 1	0.0%	2285914	< 1	< 1	0.0%	2285929	< 1	< 1	0.0%
Sr	2285889	632	571	10.1%	2285903	275	293	6.3%	2285914	226	237	4.8%	2285929	394	409	3.7%
Ta	2285889	0.5	0.5	0.0%	2285903	0.5	0.5	0.0%	2285914	0.6	0.6	0.0%	2285929	< 0.5	< 0.5	0.0%
Tb	2285889	0.566	0.523	7.9%	2285903	0.551	0.588	6.5%	2285914	0.593	0.645	8.4%	2285929	0.31	0.32	3.2%
Th	2285889	7.6	6.6	14.1%	2285903	7.81	8.31	6.2%	2285914	8.0	9.2	14.0%	2285929	4.20	4.15	1.2%
Ti	2285889	0.29	0.34	15.9%	2285903	0.34	0.36	5.7%	2285914	0.383	0.401	4.6%	2285929	0.23	0.23	0.0%
Tl	2285889	< 0.5	< 0.5	0.0%	2285903	0.8	0.8	0.0%	2285914	1.01	1.06	4.8%	2285929	0.6	0.6	0.0%
Tm	2285889	0.20	0.18	10.5%	2285903	0.21	0.22	4.7%	2285914	0.214	0.260	19.4%	2285929	0.11	0.11	0.0%
U	2285889	2.30	2.05	11.5%	2285903	2.44	2.48	1.6%	2285914	2.43	2.66	9.0%	2285929	1.20	1.15	4.3%
V	2285889	79	95	18.4%	2285903	97	105	7.9%	2285914	112	126	11.8%	2285929	60	64	6.5%
W	2285889	< 1	< 1	0.0%	2285903	< 1	< 1	0.0%	2285914	< 1	< 1	0.0%	2285929	< 1	< 1	0.0%
Y	2285889	13.9	11.8	16.3%	2285903	13.9	13.8	0.7%	2285914	14.8	17.0	13.8%	2285929	7.6	7.7	1.3%
Yb	2285889	1.3	1.2	8.0%	2285903	1.5	1.5	0.0%	2285914	1.5	1.8	18.2%	2285929	0.79	0.73	7.9%
Zn	2285889	61	72	16.5%	2285903	95	100	5.1%	2285914	95	108	12.8%	2285929	59	56	5.2%
Zr	2285889	138	120	14.0%	2285903	134	137	2.2%	2285914	132	128	3.1%	2285929	71.4	68.4	4.3%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O727733

PROJECT: 2021 Surimeau DDH Batch 7

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.78	104%	90% - 110%					6.94	7.36	106%	90% - 110%	13.0	12.8	99%	90% - 110%
As	26	27	103%	90% - 110%												
Ba	540	575	106%	90% - 110%									1310	1377	105%	90% - 110%
Be	4.0	4.3	107%	90% - 110%												
Ca	0.907	0.984	109%	90% - 110%					4.01	4.39	109%	90% - 110%	1.42	1.42	100%	90% - 110%
Ce	98	104	106%	90% - 110%	58.2	61.8	106%	90% - 110%								
Co	15	15	103%	90% - 110%												
Cu	150	161	107%	90% - 110%									6.4	5.9	92%	90% - 110%
Fe	3.77	4.11	109%	90% - 110%					7.56	8.13	108%	90% - 110%				
Ga					22.6	23.1	102%	90% - 110%								
Hf	11	10	90%	90% - 110%												
K	2.55	2.69	105%	90% - 110%					2.02	2.16	107%	90% - 110%	3.68	3.77	102%	90% - 110%
La	44	46	104%	90% - 110%	27.5	29.4	106%	90% - 110%								
Li	47	51	108%	90% - 110%									65.0	68	105%	90% - 110%
Lu	0.6	0.7	112%	90% - 110%												
Mg	1.1	1.1	101%	90% - 110%					2.41	2.46	102%	90% - 110%				
Mn	780	854	109%	90% - 110%												
Mo	14	14	98%	90% - 110%												
Nb	20	20	99%	90% - 110%	22.6	22	97%	90% - 110%								
Nd					27.3	28.3	103%	90% - 110%								
Ni	32	33	103%	90% - 110%												
P													0.061	0.055	91%	90% - 110%
Pb	31	34	108%	90% - 110%												
Rb	144	149	104%	90% - 110%	85.4	78.8	92%	90% - 110%								
Sb	0.8	0.8	101%	90% - 110%												
Sc	12	13	109%	90% - 110%												
Si	28.4	30.8	108%	90% - 110%					23.65	25.75	109%	90% - 110%	24.4	25	102%	90% - 110%
Sm	7.4	9.1	123%	90% - 110%												
Sr	144	147	102%	90% - 110%									310	313	101%	90% - 110%
Ta	1.9	2.4	126%	90% - 110%												
Tb	1.2	1.4	114%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Th	18.4	20.1	109%	90% - 110%												
Ti	0.527	0.554	105%	90% - 110%									0.222	0.212	96%	90% - 110%
U	5.7	6.1	107%	90% - 110%												
V	77	82	106%	90% - 110%												
W	5	5	103%	90% - 110%												
Y	40	42	106%	90% - 110%	25.3	26	103%	90% - 110%								
Yb					2.66	2.9	109%	90% - 110%								
Zn	130	141	108%	90% - 110%									75.4	78	103%	90% - 110%
Zr	390	368	94%	90% - 110%	157	148	94%	90% - 110%								

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O727733

PROJECT: 2021 Surimeau DDH Batch 7

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O727733

PROJECT: 2021 Surimeau DDH Batch 7

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O727733

PROJECT: 2021 Surimeau DDH Batch 7

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 8

AGAT WORK ORDER: 21O727735

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Jun 15, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727735

PROJECT: 2021 Surimeau DDH Batch 8

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jun 15, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
45851 (2285950)	3.80
45852 (2285951)	0.79
45853 (2285952)	2.83
45854 (2285953)	3.89
45855 (2285954)	4.13
45856 (2285955)	2.67
45857 (2285956)	2.20
45858 (2285957)	2.37
45859 (2285958)	3.57
45860 (2285959)	3.70
45861 (2285960)	3.65
45862C-DUP (2285961)	-
45863 (2285962)	3.89
45864 (2285963)	1.34
45865 (2285964)	1.25
45866 (2285965)	2.40
45867 (2285966)	2.49
45868 (2285967)	1.15
45869 (2285968)	4.16
45870 (2285969)	3.93
45871 (2285970)	3.87
45872 (2285971)	0.90
45873 (2285972)	3.70
45874 (2285973)	4.21
45875 (2285974)	2.70
45876 (2285975)	2.54
45877 (2285976)	3.62
45878 (2285977)	3.82
45879 (2285978)	3.37
45880 (2285979)	4.09
45881 (2285980)	3.92

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727735

PROJECT: 2021 Surimeau DDH Batch 8

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jun 15, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
45882 (2285981)	3.98
45883 (2285982)	3.62
45884 (2285983)	3.92
45885 (2285984)	4.33
45886 (2285985)	1.79
45887 (2285986)	3.68
45888 (2285987)	1.43
45889 (2285988)	1.26
45890 (2285989)	3.47
45891 (2285990)	2.02
45892 (2285991)	2.11
45893 (2285992)	1.77
45894 (2285993)	2.99
45895C-DUP (2285994)	-
45896 (2285995)	3.37
45897 (2285996)	4.10
45898 (2285997)	2.65
45899 (2285998)	2.27
45900 (2285999)	3.51

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727735

PROJECT: 2021 Surimeau DDH Batch 8

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jun 15, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
45851 (2285950)	<1	8.37	<5	<20	777	<5	0.2	1.73	0.3	59.8	22.3	0.032	4.5	47
45852 (2285951)	<1	0.04	<5	<20	16.8	<5	<0.1	38.3	<0.2	1.2	1.0	0.006	<0.1	<5
45853 (2285952)	<1	8.23	<5	<20	697	<5	0.2	1.27	<0.2	60.1	22.7	0.035	4.1	51
45854 (2285953)	<1	8.89	<5	<20	800	<5	0.3	1.01	<0.2	62.6	25.4	0.042	5.9	49
45855 (2285954)	<1	8.81	<5	<20	642	<5	0.3	1.41	0.3	63.2	24.2	0.044	5.4	54
45856 (2285955)	<1	9.24	<5	<20	778	<5	0.2	1.12	0.5	61.7	26.7	0.035	5.7	41
45857 (2285956)	<1	9.14	<5	<20	698	<5	0.2	1.50	0.4	69.9	26.3	0.046	6.7	42
45858 (2285957)	<1	8.86	<5	30	870	<5	0.2	1.14	<0.2	63.1	25.4	0.045	7.6	53
45859 (2285958)	<1	8.42	<5	164	565	7	0.5	1.05	<0.2	55.2	22.3	0.035	36.0	46
45860 (2285959)	<1	8.92	<5	160	687	5	0.7	1.23	<0.2	62.5	24.9	0.044	36.0	51
45861 (2285960)	<1	8.98	<5	<20	788	<5	0.2	1.30	<0.2	61.0	25.9	0.046	5.5	52
45862C-DUP (2285961)	<1	8.64	<5	<20	772	<5	0.2	1.25	<0.2	60.5	25.8	0.037	5.3	50
45863 (2285962)	<1	8.99	<5	<20	821	<5	0.2	1.34	<0.2	61.8	24.3	0.047	4.9	50
45864 (2285963)	<1	8.34	<5	<20	512	<5	0.3	3.70	0.5	84.4	32.9	0.050	3.8	46
45865 (2285964)	<1	8.11	<5	<20	507	<5	0.3	3.65	0.4	85.4	32.9	0.046	3.7	42
45866 (2285965)	<1	8.96	<5	<20	717	<5	0.2	1.13	<0.2	64.7	24.6	0.045	5.2	50
45867 (2285966)	<1	8.93	<5	<20	836	<5	0.2	1.27	<0.2	64.2	25.0	0.045	5.7	53
45868 (2285967)	<1	6.43	<5	<20	525	<5	0.1	1.30	<0.2	54.0	17.3	0.036	3.7	27
45869 (2285968)	<1	8.70	<5	<20	758	<5	0.2	1.63	0.2	59.6	25.9	0.054	5.2	45
45870 (2285969)	<1	8.53	<5	<20	824	<5	0.2	1.18	<0.2	89.8	19.1	0.051	6.6	41
45871 (2285970)	<1	8.76	<5	<20	906	<5	1.3	1.16	<0.2	61.2	23.9	0.039	7.0	45
45872 (2285971)	<1	0.04	<5	<20	16.1	<5	<0.1	34.7	<0.2	0.9	0.9	<0.005	<0.1	<5
45873 (2285972)	<1	9.32	<5	<20	1040	<5	0.3	1.36	0.4	62.1	24.3	0.050	7.1	35
45874 (2285973)	<1	8.52	<5	<20	868	<5	0.2	1.09	0.6	61.5	23.9	0.034	7.2	33
45875 (2285974)	<1	7.70	<5	<20	752	<5	0.3	3.69	1.0	119	36.2	0.054	6.4	32
45876 (2285975)	<1	9.15	<5	<20	1010	<5	0.2	1.61	0.3	83.8	32.2	0.047	9.5	52
45877 (2285976)	<1	8.37	<5	<20	796	<5	0.2	1.17	<0.2	65.3	23.4	0.049	5.3	45
45878 (2285977)	<1	8.60	<5	<20	857	<5	0.2	1.03	<0.2	62.8	25.0	0.042	5.2	48
45879 (2285978)	<1	9.10	<5	<20	959	<5	0.2	1.27	<0.2	64.6	26.0	0.054	6.0	62
45880 (2285979)	<1	8.77	<5	<20	796	<5	0.3	1.17	<0.2	65.6	25.0	0.046	4.4	46
45881 (2285980)	<1	8.97	<5	<20	986	<5	0.3	0.99	<0.2	66.1	27.5	0.038	6.1	50
45882 (2285981)	<1	8.16	<5	<20	917	<5	0.3	1.40	0.2	89.8	19.7	0.045	4.0	41

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727735

PROJECT: 2021 Surimeau DDH Batch 8

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jun 15, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
45883 (2285982)	<1	9.73	<5	<20	992	<5	0.5	1.48	0.3	72.2	28.0	0.036	5.7	61
45884 (2285983)	<1	9.43	<5	<20	515	<5	0.4	1.18	0.3	64.5	27.1	0.043	8.1	52
45885 (2285984)	<1	9.66	<5	<20	612	<5	0.4	1.13	0.3	67.6	29.1	0.047	8.7	78
45886 (2285985)	<1	9.78	<5	<20	790	<5	1.1	1.11	0.6	64.6	33.4	0.035	5.0	192
45887 (2285986)	<1	9.94	<5	<20	851	<5	0.6	1.36	0.3	68.1	31.5	0.036	5.3	103
45888 (2285987)	<1	7.21	<5	<20	693	<5	0.8	1.29	1.4	137	48.1	0.059	6.9	359
45889 (2285988)	<1	7.27	<5	<20	271	<5	1.2	0.98	8.7	76.0	65.5	0.040	1.3	950
45890 (2285989)	<1	8.74	<5	<20	626	<5	0.7	0.99	10.7	60.8	46.4	0.035	2.0	319
45891 (2285990)	<1	8.76	<5	<20	703	<5	0.5	0.45	1.5	56.1	34.5	0.028	2.1	127
45892 (2285991)	<1	9.69	<5	<20	755	<5	0.6	0.51	1.2	73.6	34.0	0.036	1.8	138
45893 (2285992)	<1	9.11	<5	<20	505	<5	0.7	0.47	1.9	49.6	38.0	0.037	1.4	128
45894 (2285993)	<1	8.81	<5	<20	684	<5	1.6	0.53	3.8	49.3	33.8	0.031	1.7	192
45895C-DUP (2285994)	<1	8.33	<5	<20	622	<5	1.5	0.48	3.4	49.9	33.6	0.035	1.8	176
45896 (2285995)	<1	8.69	<5	<20	588	<5	0.3	1.50	<0.2	62.6	24.5	0.042	4.0	89
45897 (2285996)	<1	9.36	<5	<20	603	<5	0.3	1.31	<0.2	62.1	26.6	0.035	7.2	58
45898 (2285997)	<1	8.31	<5	<20	512	<5	0.3	1.50	<0.2	62.3	24.0	0.044	5.7	52
45899 (2285998)	<1	9.44	<5	<20	826	<5	0.4	1.32	<0.2	66.9	28.6	0.039	3.0	142
45900 (2285999)	<1	7.37	<5	<20	302	<5	0.5	3.06	14.0	68.7	80.3	0.036	1.2	628

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727735

PROJECT: 2021 Surimeau DDH Batch 8

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jun 15, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
45851 (2285950)	2.51	1.37	1.26	4.23	19.5	3.41	2	4	0.47	<0.2	1.76	29.2	34	0.21
45852 (2285951)	0.21	0.11	<0.05	0.14	0.18	0.15	1	<1	0.06	<0.2	<0.05	1.2	<10	<0.05
45853 (2285952)	2.50	1.33	1.13	3.96	19.4	3.29	1	4	0.46	<0.2	1.74	30.3	33	0.19
45854 (2285953)	2.83	1.56	1.30	4.47	21.8	3.44	2	4	0.54	<0.2	2.60	29.9	42	0.22
45855 (2285954)	2.85	1.67	1.01	4.46	21.1	3.76	2	4	0.53	<0.2	2.11	32.0	42	0.22
45856 (2285955)	2.87	1.59	1.16	4.72	22.6	3.53	3	4	0.53	<0.2	2.60	29.6	51	0.21
45857 (2285956)	2.87	1.52	1.10	4.80	22.1	4.06	2	4	0.61	<0.2	2.46	34.0	55	0.26
45858 (2285957)	2.74	1.64	1.18	4.45	20.9	3.75	2	4	0.53	<0.2	2.54	31.4	54	0.25
45859 (2285958)	2.34	1.39	0.96	3.97	22.4	3.54	2	4	0.41	<0.2	2.19	27.1	51	0.16
45860 (2285959)	2.57	1.44	1.17	4.53	22.3	3.55	2	4	0.50	<0.2	2.66	31.1	54	0.18
45861 (2285960)	2.95	1.47	1.12	4.65	21.0	3.81	2	4	0.55	<0.2	2.62	29.9	59	0.19
45862C-DUP (2285961)	2.74	1.47	1.12	4.44	21.4	3.88	2	4	0.48	<0.2	2.49	31.1	56	0.18
45863 (2285962)	2.46	1.40	1.19	4.41	20.8	3.88	2	4	0.48	<0.2	2.32	30.8	56	0.20
45864 (2285963)	3.64	1.78	1.82	5.08	20.6	5.73	2	4	0.63	<0.2	1.56	38.5	40	0.24
45865 (2285964)	3.65	1.78	1.71	5.04	20.4	5.55	2	4	0.69	<0.2	1.52	38.6	41	0.22
45866 (2285965)	2.97	1.72	1.16	4.58	21.8	3.70	1	4	0.58	<0.2	2.43	30.9	51	0.24
45867 (2285966)	2.70	1.56	1.17	4.48	21.8	3.52	2	4	0.57	<0.2	2.46	31.0	45	0.18
45868 (2285967)	2.06	1.22	0.83	2.99	14.7	2.76	1	3	0.43	<0.2	1.58	27.0	32	0.15
45869 (2285968)	2.55	1.49	0.95	4.48	21.5	3.75	2	4	0.48	<0.2	2.46	29.4	43	0.19
45870 (2285969)	4.95	2.93	1.05	3.45	20.9	5.55	2	5	0.95	<0.2	2.69	43.5	32	0.42
45871 (2285970)	2.32	1.48	1.07	4.19	21.5	3.48	2	3	0.55	<0.2	2.54	30.3	39	0.16
45872 (2285971)	0.21	0.14	<0.05	0.15	0.20	0.25	1	<1	<0.05	<0.2	<0.05	1.2	<10	<0.05
45873 (2285972)	2.49	1.38	1.18	4.80	21.9	3.68	1	4	0.52	<0.2	2.50	30.4	44	0.24
45874 (2285973)	2.74	1.56	1.20	4.11	20.8	3.46	1	3	0.49	<0.2	2.12	30.8	35	0.18
45875 (2285974)	4.34	1.99	2.64	5.61	21.8	8.09	4	4	0.77	<0.2	1.87	55.5	33	0.27
45876 (2285975)	3.37	1.97	1.63	5.33	24.6	5.11	2	4	0.68	<0.2	3.11	40.1	47	0.21
45877 (2285976)	2.55	1.60	1.13	4.22	20.4	3.32	2	4	0.55	<0.2	2.19	31.6	37	0.21
45878 (2285977)	2.66	1.60	1.05	4.37	21.0	3.46	2	4	0.55	<0.2	2.51	31.1	39	0.21
45879 (2285978)	3.11	1.64	1.29	4.92	22.0	3.71	1	4	0.55	<0.2	2.64	31.6	41	0.24
45880 (2285979)	2.94	1.54	1.21	4.50	22.7	4.03	2	4	0.55	<0.2	2.16	33.1	42	0.19
45881 (2285980)	3.12	1.69	1.28	4.46	23.8	4.13	1	4	0.65	<0.2	2.82	32.2	44	0.19
45882 (2285981)	3.72	1.98	1.34	3.78	20.4	5.41	2	5	0.69	<0.2	2.36	44.6	45	0.27

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727735

PROJECT: 2021 Surimeau DDH Batch 8

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jun 15, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
45883 (2285982)	3.24	1.84	1.46	5.11	23.5	4.41	2	4	0.60	<0.2	2.92	35.3	49	0.24
45884 (2285983)	2.91	1.89	1.26	4.81	23.6	4.16	2	3	0.60	<0.2	2.79	31.6	55	0.23
45885 (2285984)	3.21	1.65	1.29	5.11	23.7	4.09	2	4	0.59	<0.2	2.98	32.4	58	0.23
45886 (2285985)	3.03	1.84	1.33	5.15	25.0	3.85	3	4	0.63	<0.2	3.16	31.7	59	0.28
45887 (2285986)	3.59	1.80	1.43	5.28	24.3	4.61	2	4	0.63	<0.2	3.38	32.9	45	0.28
45888 (2285987)	5.65	2.61	2.59	6.46	26.3	10.1	4	5	1.01	<0.2	2.74	60.9	82	0.31
45889 (2285988)	3.73	2.10	1.90	6.02	20.2	5.27	2	4	0.78	1.1	1.06	36.6	30	0.36
45890 (2285989)	2.96	1.70	1.71	5.73	21.6	4.17	2	4	0.67	0.6	2.24	28.6	39	0.20
45891 (2285990)	3.06	1.70	1.10	4.32	23.9	3.79	1	4	0.61	<0.2	2.50	28.4	48	0.20
45892 (2285991)	3.16	1.67	1.23	5.15	24.1	4.58	2	3	0.64	<0.2	2.81	37.5	53	0.18
45893 (2285992)	3.14	1.99	1.36	5.36	23.5	3.96	2	4	0.58	<0.2	2.02	23.3	44	0.22
45894 (2285993)	2.57	1.42	0.86	5.10	20.7	3.11	2	3	0.49	0.4	2.55	24.1	44	0.25
45895C-DUP (2285994)	2.49	1.47	0.99	5.09	20.8	3.20	1	3	0.49	0.4	2.38	24.6	42	0.22
45896 (2285995)	2.74	1.69	1.19	4.04	21.5	3.71	4	4	0.56	<0.2	2.40	31.1	38	0.27
45897 (2285996)	2.91	1.78	1.23	4.81	21.9	3.60	3	3	0.53	<0.2	2.67	30.5	69	0.20
45898 (2285997)	2.57	1.60	1.17	4.18	21.2	3.82	4	4	0.57	<0.2	2.14	30.7	43	0.22
45899 (2285998)	2.90	1.72	1.31	4.49	24.4	3.89	3	3	0.62	<0.2	2.33	33.0	53	0.21
45900 (2285999)	3.68	2.19	2.10	7.59	28.5	4.71	2	4	0.73	2.1	0.59	31.1	12	0.35

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727735

PROJECT: 2021 Surimeau DDH Batch 8

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jun 15, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
45851 (2285950)	1.85	587	<2	6	27.2	76	0.07	8	7.32	60.8	0.24	<0.1	14	32.1
45852 (2285951)	1.55	102	<2	<1	0.8	15	<0.01	<5	0.19	0.3	0.60	<0.1	<5	4.03
45853 (2285952)	1.58	488	<2	5	26.0	95	0.05	9	7.02	60.1	0.30	<0.1	13	30.9
45854 (2285953)	1.73	524	3	6	28.4	109	0.06	10	7.45	94.7	0.24	<0.1	16	29.9
45855 (2285954)	1.79	633	3	6	28.3	93	0.06	9	7.23	77.3	0.29	<0.1	15	31.9
45856 (2285955)	1.80	568	2	6	28.3	104	0.06	8	7.23	96.8	0.26	<0.1	16	31.5
45857 (2285956)	2.00	624	3	7	30.7	110	0.09	9	8.22	100	0.30	<0.1	16	31.2
45858 (2285957)	1.82	613	3	6	26.7	101	0.06	10	7.22	93.8	0.29	<0.1	16	31.5
45859 (2285958)	1.59	643	2	8	23.5	89	0.07	20	6.48	117	0.20	<0.1	14	31.1
45860 (2285959)	1.72	647	2	7	27.8	95	0.07	12	7.03	123	0.24	<0.1	16	30.5
45861 (2285960)	1.89	568	3	6	26.7	102	0.06	11	7.23	92.7	0.21	<0.1	17	30.8
45862C-DUP (2285961)	1.80	534	2	6	27.5	98	0.06	11	7.31	94.7	0.21	<0.1	16	29.9
45863 (2285962)	1.79	541	<2	6	26.1	93	0.06	13	7.12	80.6	0.23	<0.1	15	32.4
45864 (2285963)	3.29	790	<2	6	41.6	164	0.12	9	10.4	63.7	0.28	<0.1	19	29.5
45865 (2285964)	3.47	820	<2	6	43.8	175	0.12	10	10.8	58.3	0.27	<0.1	20	28.8
45866 (2285965)	1.74	568	<2	6	27.7	91	0.06	10	7.75	84.6	0.25	<0.1	15	31.5
45867 (2285966)	1.79	530	3	6	28.4	101	0.07	13	7.68	89.8	0.23	<0.1	16	31.1
45868 (2285967)	1.36	374	<2	4	23.1	68	0.04	8	6.13	57.1	0.13	<0.1	10	36.6
45869 (2285968)	1.96	634	2	6	27.4	103	0.07	12	6.95	88.1	0.19	<0.1	16	31.5
45870 (2285969)	1.42	436	4	8	38.5	77	0.05	16	10.4	97.2	0.19	<0.1	12	33.6
45871 (2285970)	1.68	536	2	6	26.3	94	0.06	13	7.04	93.3	0.21	<0.1	15	30.9
45872 (2285971)	2.14	93	<2	<1	0.7	<5	<0.01	<5	0.22	0.4	0.53	<0.1	<5	5.37
45873 (2285972)	1.91	613	5	6	27.0	100	0.07	10	6.91	86.9	0.27	<0.1	17	32.6
45874 (2285973)	1.68	558	2	6	26.4	87	0.06	6	7.16	78.6	0.24	<0.1	14	31.0
45875 (2285974)	4.05	867	2	7	61.6	208	0.17	15	15.4	74.1	0.22	<0.1	22	26.6
45876 (2285975)	2.78	607	4	6	40.1	157	0.09	9	10.3	117	0.26	<0.1	20	27.4
45877 (2285976)	1.72	572	5	6	28.5	93	0.06	8	7.39	78.1	0.27	<0.1	15	32.0
45878 (2285977)	1.72	507	4	6	27.8	93	0.06	11	7.45	86.2	0.26	<0.1	15	29.6
45879 (2285978)	1.87	553	3	6	28.1	102	0.06	11	7.50	95.9	0.33	<0.1	17	30.7
45880 (2285979)	1.77	515	4	6	29.9	93	0.06	14	7.79	81.5	0.26	<0.1	15	29.8
45881 (2285980)	1.82	481	3	7	30.1	95	0.05	13	7.67	106	0.27	<0.1	17	29.6
45882 (2285981)	1.76	544	2	8	41.7	69	0.07	13	10.7	85.2	0.18	<0.1	13	31.3

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727735

PROJECT: 2021 Surimeau DDH Batch 8

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jun 15, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
45883 (2285982)	2.11	623	4	7	34.0	115	0.07	15	9.06	105	0.35	<0.1	21	28.8
45884 (2285983)	2.00	537	3	7	29.0	114	0.06	10	7.82	103	0.22	<0.1	19	29.2
45885 (2285984)	2.19	558	5	6	30.2	123	0.06	15	7.92	111	0.56	<0.1	20	29.3
45886 (2285985)	1.81	468	5	7	27.9	124	0.06	21	7.52	99.8	1.24	<0.1	18	29.9
45887 (2285986)	2.18	590	4	7	32.6	130	0.07	31	8.39	114	1.90	<0.1	21	28.1
45888 (2285987)	4.72	1150	14	7	73.2	240	0.22	13	17.1	140	2.80	<0.1	27	24.8
45889 (2285988)	1.42	474	11	5	36.6	237	0.06	23	8.98	43.5	3.37	<0.1	21	26.8
45890 (2285989)	1.72	517	46	6	27.7	179	0.06	79	7.29	82.2	3.02	1.0	18	30.1
45891 (2285990)	1.92	453	3	6	25.4	101	0.06	196	6.77	91.3	2.00	<0.1	17	27.4
45892 (2285991)	2.15	489	3	6	32.6	115	0.07	122	8.53	86.4	2.48	<0.1	18	31.0
45893 (2285992)	1.61	351	4	6	23.5	126	0.07	14	5.74	64.4	2.95	<0.1	16	29.4
45894 (2285993)	1.58	387	6	5	21.9	135	0.06	107	5.80	82.5	2.66	<0.1	15	30.9
45895C-DUP (2285994)	1.47	369	5	5	22.6	124	0.05	90	5.81	80.2	2.62	<0.1	14	28.8
45896 (2285995)	1.82	515	13	6	27.3	94	0.07	33	7.26	87.6	1.83	<0.1	15	30.1
45897 (2285996)	2.13	606	2	6	27.4	108	0.07	21	7.24	93.8	1.17	<0.1	18	31.2
45898 (2285997)	1.88	655	<2	6	26.4	88	0.06	31	7.15	85.3	1.20	<0.1	14	29.4
45899 (2285998)	2.06	577	3	6	30.2	110	0.06	29	7.68	81.3	2.00	<0.1	19	29.1
45900 (2285999)	1.08	690	272	20	30.6	285	0.16	20	8.04	18.4	4.41	<0.1	17	30.4

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727735

PROJECT: 2021 Surimeau DDH Batch 8

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jun 15, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
45851 (2285950)	4.3	<1	543	<0.5	0.46	6.8	0.35	<0.5	0.19	2.16	101	<1	12.7	1.4
45852 (2285951)	0.2	<1	81.8	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.08	<5	<1	2.0	0.1
45853 (2285952)	4.3	<1	425	<0.5	0.43	7.8	0.33	<0.5	0.16	2.40	94	<1	11.7	1.2
45854 (2285953)	4.4	<1	267	<0.5	0.50	7.7	0.36	0.6	0.20	2.23	113	<1	12.8	1.3
45855 (2285954)	5.3	<1	352	<0.5	0.51	8.1	0.36	<0.5	0.20	2.80	108	<1	14.1	1.4
45856 (2285955)	4.9	<1	286	<0.5	0.50	7.4	0.38	0.5	0.21	2.29	115	<1	13.7	1.4
45857 (2285956)	5.7	<1	400	<0.5	0.55	7.3	0.38	<0.5	0.22	2.20	117	<1	14.6	1.5
45858 (2285957)	4.8	<1	300	<0.5	0.46	7.7	0.36	0.5	0.24	2.46	118	<1	15.2	1.6
45859 (2285958)	4.3	<1	230	1.8	0.44	7.0	0.33	0.7	0.18	3.35	97	<1	12.7	1.3
45860 (2285959)	5.2	<1	238	1.1	0.51	7.8	0.36	0.7	0.20	3.30	110	1	13.1	1.4
45861 (2285960)	5.0	<1	270	<0.5	0.47	7.4	0.38	0.5	0.19	2.17	120	<1	13.7	1.4
45862C-DUP (2285961)	5.1	<1	261	<0.5	0.50	7.1	0.37	0.5	0.20	2.31	117	<1	13.4	1.4
45863 (2285962)	4.5	<1	278	0.5	0.46	7.6	0.36	<0.5	0.21	2.30	109	<1	13.1	1.4
45864 (2285963)	7.5	<1	569	<0.5	0.70	7.3	0.41	<0.5	0.22	2.19	134	<1	17.0	1.7
45865 (2285964)	7.9	<1	533	<0.5	0.70	7.5	0.40	<0.5	0.23	2.09	136	<1	17.3	1.6
45866 (2285965)	5.1	<1	264	<0.5	0.50	8.1	0.37	<0.5	0.23	2.47	107	<1	15.0	1.5
45867 (2285966)	4.8	<1	289	<0.5	0.57	7.8	0.36	<0.5	0.21	2.35	115	<1	13.9	1.4
45868 (2285967)	3.4	<1	269	<0.5	0.36	5.7	0.25	<0.5	0.14	1.70	73	<1	10.4	1.0
45869 (2285968)	4.5	<1	280	<0.5	0.48	7.6	0.36	<0.5	0.21	2.19	110	<1	14.1	1.4
45870 (2285969)	7.4	<1	220	0.7	0.79	12.5	0.26	0.5	0.39	3.53	77	1	25.8	2.7
45871 (2285970)	5.0	<1	241	<0.5	0.45	7.6	0.34	0.5	0.16	2.27	106	<1	13.4	1.4
45872 (2285971)	0.1	<1	70.1	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.10	<5	<1	1.9	<0.1
45873 (2285972)	4.7	<1	290	<0.5	0.46	7.8	0.38	<0.5	0.20	2.40	120	<1	13.0	1.4
45874 (2285973)	4.5	<1	296	<0.5	0.46	7.6	0.34	<0.5	0.17	2.16	104	<1	13.5	1.2
45875 (2285974)	10.6	<1	399	<0.5	0.95	8.7	0.43	<0.5	0.28	2.34	161	<1	20.8	1.6
45876 (2285975)	7.5	<1	413	<0.5	0.67	8.5	0.42	0.7	0.23	2.33	143	<1	16.1	1.7
45877 (2285976)	4.3	<1	257	<0.5	0.48	7.7	0.34	<0.5	0.21	2.39	105	<1	12.4	1.4
45878 (2285977)	4.7	<1	240	<0.5	0.48	7.4	0.35	0.6	0.23	2.52	109	<1	13.9	1.4
45879 (2285978)	5.1	<1	260	<0.5	0.51	8.0	0.39	0.5	0.22	2.56	123	<1	15.0	1.5
45880 (2285979)	4.9	<1	282	<0.5	0.53	8.3	0.37	0.5	0.25	2.61	111	6	14.0	1.4
45881 (2285980)	5.1	<1	224	<0.5	0.54	8.4	0.36	0.6	0.21	2.52	115	<1	15.6	1.6
45882 (2285981)	7.3	<1	373	0.5	0.72	12.2	0.30	0.5	0.29	3.62	81	9	19.1	1.8

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727735

PROJECT: 2021 Surimeau DDH Batch 8

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jun 15, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
45883 (2285982)	5.6	<1	396	<0.5	0.60	8.4	0.41	0.9	0.25	2.70	145	<1	15.5	1.7
45884 (2285983)	5.2	<1	230	<0.5	0.54	7.7	0.38	0.7	0.23	2.18	129	<1	15.5	1.5
45885 (2285984)	5.6	<1	199	<0.5	0.55	8.1	0.40	1.0	0.24	2.35	143	<1	14.9	1.5
45886 (2285985)	4.8	<1	206	<0.5	0.61	8.1	0.39	1.1	0.25	2.38	128	2	16.1	1.7
45887 (2285986)	6.4	<1	279	<0.5	0.61	8.2	0.41	2.1	0.27	2.38	143	2	17.0	1.7
45888 (2285987)	13.3	3	89.1	<0.5	1.28	8.6	0.47	3.8	0.36	2.26	178	2	25.9	2.2
45889 (2285988)	6.0	<1	125	<0.5	0.66	7.1	0.29	0.8	0.29	2.09	107	2	19.2	2.2
45890 (2285989)	5.2	7	215	<0.5	0.61	7.1	0.34	1.2	0.24	3.17	112	4	15.1	1.7
45891 (2285990)	4.7	3	173	<0.5	0.50	7.7	0.35	1.5	0.21	2.21	116	1	14.8	1.6
45892 (2285991)	5.9	2	184	<0.5	0.59	7.3	0.38	1.6	0.24	2.11	124	1	15.9	1.6
45893 (2285992)	4.8	2	152	<0.5	0.57	7.9	0.35	1.3	0.23	2.26	110	1	17.0	1.8
45894 (2285993)	4.5	2	173	<0.5	0.40	7.6	0.32	1.5	0.16	2.12	99	2	12.5	1.4
45895C-DUP (2285994)	4.1	2	163	<0.5	0.39	7.0	0.31	1.5	0.19	2.11	90	1	12.7	1.5
45896 (2285995)	4.4	1	289	<0.5	0.50	7.7	0.35	2.3	0.24	2.34	110	1	14.7	1.6
45897 (2285996)	5.0	<1	262	<0.5	0.50	7.3	0.38	2.4	0.21	2.26	125	<1	14.1	1.4
45898 (2285997)	4.5	<1	250	<0.5	0.50	8.0	0.34	3.2	0.20	2.44	102	1	13.8	1.5
45899 (2285998)	5.5	5	219	<0.5	0.58	7.7	0.39	3.2	0.19	2.26	130	1	14.8	1.5
45900 (2285999)	5.7	4	272	<0.5	0.66	7.3	0.34	0.7	0.31	7.36	200	<1	21.6	2.1

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727735

PROJECT: 2021 Surimeau DDH Batch 8

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jun 15, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
45851 (2285950)	99	139
45852 (2285951)	<5	1.9
45853 (2285952)	89	149
45854 (2285953)	116	133
45855 (2285954)	173	145
45856 (2285955)	266	136
45857 (2285956)	284	142
45858 (2285957)	142	145
45859 (2285958)	83	131
45860 (2285959)	107	149
45861 (2285960)	85	136
45862C-DUP (2285961)	83	148
45863 (2285962)	100	133
45864 (2285963)	125	143
45865 (2285964)	126	142
45866 (2285965)	107	146
45867 (2285966)	83	138
45868 (2285967)	69	109
45869 (2285968)	85	138
45870 (2285969)	69	157
45871 (2285970)	86	127
45872 (2285971)	<5	3.2
45873 (2285972)	249	141
45874 (2285973)	243	127
45875 (2285974)	324	158
45876 (2285975)	245	148
45877 (2285976)	153	136
45878 (2285977)	88	142
45879 (2285978)	88	135
45880 (2285979)	89	162
45881 (2285980)	111	137
45882 (2285981)	89	180

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727735

PROJECT: 2021 Surimeau DDH Batch 8

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jun 15, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
45883 (2285982)	243	136
45884 (2285983)	140	127
45885 (2285984)	194	127
45886 (2285985)	732	135
45887 (2285986)	243	123
45888 (2285987)	747	174
45889 (2285988)	3940	130
45890 (2285989)	2110	125
45891 (2285990)	667	129
45892 (2285991)	783	127
45893 (2285992)	862	133
45894 (2285993)	2270	131
45895C-DUP (2285994)	1830	121
45896 (2285995)	121	141
45897 (2285996)	137	132
45898 (2285997)	103	140
45899 (2285998)	150	127
45900 (2285999)	6850	135

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727735

PROJECT: 2021 Surimeau DDH Batch 8

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jun 15, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
45851 (2285950)	88.11
45870 (2285969)	87.26
45890 (2285989)	91.51

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727735

PROJECT: 2021 Surimeau DDH Batch 8

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jun 15, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
45851 (2285950)	85.95
45870 (2285969)	87.65
45890 (2285989)	91.90

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O727735

PROJECT: 2021 Surimeau DDH Batch 8

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2285950	< 1	< 1	0.0%	2285964	< 1	< 1	0.0%	2285975	< 1	< 1	0.0%	2285990	< 1	< 1	0.0%
Al	2285950	8.37	8.31	0.7%	2285964	8.11	8.11	0.0%	2285975	9.15	9.42	2.9%	2285990	8.76	8.87	1.2%
As	2285950	< 5	< 5	0.0%	2285964	< 5	< 5	0.0%	2285975	< 5	< 5	0.0%	2285990	< 5	< 5	0.0%
B	2285950	< 20	< 20	0.0%	2285964	< 20	< 20	0.0%	2285975	< 20	< 20	0.0%	2285990	< 20	< 20	0.0%
Ba	2285950	777	761	2.1%	2285964	507	494	2.6%	2285975	1010	1010	0.0%	2285990	703	730	3.8%
Be	2285950	< 5	< 5	0.0%	2285964	< 5	< 5	0.0%	2285975	< 5	< 5	0.0%	2285990	< 5	< 5	0.0%
Bi	2285950	0.2	0.2	0.0%	2285964	0.3	0.3	0.0%	2285975	0.2	0.2	0.0%	2285990	0.55	0.55	0.0%
Ca	2285950	1.73	1.70	1.7%	2285964	3.65	3.65	0.0%	2285975	1.61	1.64	1.8%	2285990	0.454	0.434	4.5%
Cd	2285950	0.3	< 0.2		2285964	0.43	0.56	26.3%	2285975	0.30	0.36	18.2%	2285990	1.5	1.6	6.5%
Ce	2285950	59.8	61.5	2.8%	2285964	85.4	84.3	1.3%	2285975	83.8	83.0	1.0%	2285990	56.1	61.4	9.0%
Co	2285950	22.3	23.3	4.4%	2285964	32.9	33.1	0.6%	2285975	32.2	33.2	3.1%	2285990	34.5	34.4	0.3%
Cr	2285950	0.032	0.038	17.1%	2285964	0.046	0.045	2.2%	2285975	0.047	0.055	15.7%	2285990	0.028	0.029	3.5%
Cs	2285950	4.54	4.58	0.9%	2285964	3.73	3.91	4.7%	2285975	9.46	8.54	10.2%	2285990	2.1	2.1	0.0%
Cu	2285950	47	50	6.2%	2285964	42	42	0.0%	2285975	52	58	10.9%	2285990	127	129	1.6%
Dy	2285950	2.51	2.46	2.0%	2285964	3.65	3.66	0.3%	2285975	3.37	3.31	1.8%	2285990	3.06	3.24	5.7%
Er	2285950	1.37	1.17	15.7%	2285964	1.78	1.97	10.1%	2285975	1.97	1.78	10.1%	2285990	1.70	1.73	1.7%
Eu	2285950	1.26	1.14	10.0%	2285964	1.71	1.69	1.2%	2285975	1.63	1.49	9.0%	2285990	1.10	1.11	0.9%
Fe	2285950	4.23	4.16	1.7%	2285964	5.04	5.02	0.4%	2285975	5.33	5.44	2.0%	2285990	4.32	4.24	1.9%
Ga	2285950	19.5	19.8	1.5%	2285964	20.4	20.3	0.5%	2285975	24.6	24.7	0.4%	2285990	23.9	23.7	0.8%
Gd	2285950	3.41	3.55	4.0%	2285964	5.55	5.70	2.7%	2285975	5.11	5.43	6.1%	2285990	3.79	4.00	5.4%
Ge	2285950	2	2	0.0%	2285964	2	3		2285975	2	2	0.0%	2285990	1	2	
Hf	2285950	4	3	28.6%	2285964	4	4	0.0%	2285975	4	4	0.0%	2285990	4	3	28.6%
Ho	2285950	0.471	0.498	5.6%	2285964	0.691	0.622	10.5%	2285975	0.68	0.68	0.0%	2285990	0.606	0.594	2.0%
In	2285950	< 0.2	< 0.2	0.0%	2285964	< 0.2	< 0.2	0.0%	2285975	< 0.2	< 0.2	0.0%	2285990	< 0.2	0.2	
K	2285950	1.76	1.71	2.9%	2285964	1.52	1.54	1.3%	2285975	3.11	3.11	0.0%	2285990	2.50	2.49	0.4%
La	2285950	29.2	29.9	2.4%	2285964	38.6	38.3	0.8%	2285975	40.1	39.3	2.0%	2285990	28.4	31.3	9.7%
Li	2285950	34	33	3.0%	2285964	41	39	5.0%	2285975	47	46	2.2%	2285990	48	49	2.1%
Lu	2285950	0.209	0.193	8.0%	2285964	0.221	0.267	18.9%	2285975	0.209	0.228	8.7%	2285990	0.204	0.211	3.4%
Mg	2285950	1.85	1.84	0.5%	2285964	3.47	3.38	2.6%	2285975	2.78	2.80	0.7%	2285990	1.92	1.97	2.6%
Mn	2285950	587	578	1.5%	2285964	820	816	0.5%	2285975	607	612	0.8%	2285990	453	453	0.0%
Mo	2285950	< 2	3		2285964	< 2	< 2	0.0%	2285975	4	4	0.0%	2285990	3	2	

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2285950	6	5	18.2%	2285964	6	6	0.0%	2285975	6	7	15.4%	2285990	6	6	0.0%
Nd	2285950	27.2	27.9	2.5%	2285964	43.8	41.3	5.9%	2285975	40.1	38.4	4.3%	2285990	25.4	27.2	6.8%
Ni	2285950	76	80	5.1%	2285964	175	167	4.7%	2285975	157	153	2.6%	2285990	101	105	3.9%
P	2285950	0.072	0.076	5.4%	2285964	0.12	0.12	0.0%	2285975	0.09	0.09	0.0%	2285990	0.06	0.06	0.0%
Pb	2285950	8	9	11.8%	2285964	10	9	10.5%	2285975	9	9	0.0%	2285990	196	181	8.0%
Pr	2285950	7.32	7.00	4.5%	2285964	10.8	10.3	4.7%	2285975	10.3	9.69	6.1%	2285990	6.77	7.57	11.2%
Rb	2285950	60.8	62.4	2.6%	2285964	58.3	58.6	0.5%	2285975	117	119	1.7%	2285990	91.3	86.3	5.6%
S	2285950	0.24	0.24	0.0%	2285964	0.266	0.253	5.0%	2285975	0.26	0.27	3.8%	2285990	2.00	2.01	0.5%
Sb	2285950	< 0.1	< 0.1	0.0%	2285964	< 0.1	< 0.1	0.0%	2285975	< 0.1	< 0.1	0.0%	2285990	< 0.1	< 0.1	0.0%
Sc	2285950	14	14	0.0%	2285964	20	19	5.1%	2285975	20	20	0.0%	2285990	17	17	0.0%
Si	2285950	32.1	31.0	3.5%	2285964	28.8	29.0	0.7%	2285975	27.4	28.2	2.9%	2285990	27.4	27.8	1.4%
Sm	2285950	4.30	4.98	14.7%	2285964	7.91	7.84	0.9%	2285975	7.50	6.55	13.5%	2285990	4.7	4.9	4.2%
Sn	2285950	< 1	< 1	0.0%	2285964	< 1	< 1	0.0%	2285975	< 1	< 1	0.0%	2285990	3	2	
Sr	2285950	543	537	1.1%	2285964	533	531	0.4%	2285975	413	436	5.4%	2285990	173	176	1.7%
Ta	2285950	< 0.5	< 0.5	0.0%	2285964	< 0.5	< 0.5	0.0%	2285975	< 0.5	< 0.5	0.0%	2285990	< 0.5	< 0.5	0.0%
Tb	2285950	0.458	0.452	1.3%	2285964	0.704	0.730	3.6%	2285975	0.668	0.664	0.6%	2285990	0.50	0.52	3.9%
Th	2285950	6.82	7.10	4.0%	2285964	7.46	7.35	1.5%	2285975	8.5	8.4	1.2%	2285990	7.72	6.92	10.9%
Ti	2285950	0.348	0.340	2.3%	2285964	0.40	0.40	0.0%	2285975	0.419	0.426	1.7%	2285990	0.35	0.35	0.0%
Tl	2285950	< 0.5	< 0.5	0.0%	2285964	< 0.5	< 0.5	0.0%	2285975	0.7	0.7	0.0%	2285990	1.5	1.5	0.0%
Tm	2285950	0.19	0.15	23.5%	2285964	0.23	0.23	0.0%	2285975	0.23	0.20	14.0%	2285990	0.21	0.22	4.7%
U	2285950	2.16	2.24	3.6%	2285964	2.09	2.16	3.3%	2285975	2.33	2.24	3.9%	2285990	2.21	2.14	3.2%
V	2285950	101	100	1.0%	2285964	136	134	1.5%	2285975	143	142	0.7%	2285990	116	120	3.4%
W	2285950	< 1	1		2285964	< 1	< 1	0.0%	2285975	< 1	< 1	0.0%	2285990	1	1	0.0%
Y	2285950	12.7	12.7	0.0%	2285964	17.3	17.2	0.6%	2285975	16.1	16.5	2.5%	2285990	14.8	15.1	2.0%
Yb	2285950	1.4	1.2	15.4%	2285964	1.62	1.66	2.4%	2285975	1.68	1.60	4.9%	2285990	1.6	1.6	0.0%
Zn	2285950	99	97	2.0%	2285964	126	129	2.4%	2285975	245	244	0.4%	2285990	667	676	1.3%
Zr	2285950	139	145	4.2%	2285964	142	147	3.5%	2285975	148	151	2.0%	2285990	129	125	3.1%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O727735

PROJECT: 2021 Surimeau DDH Batch 8

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.53	101%	90% - 110%					6.94	6.94	100%	90% - 110%	13.0	13.1	101%	90% - 110%
As	26	26	102%	90% - 110%												
Ba	540	533	99%	90% - 110%									1310	1310	100%	90% - 110%
Ca	0.907	0.906	100%	90% - 110%					4.01	3.98	99%	90% - 110%	1.42	1.36	96%	90% - 110%
Ce	98	107	109%	90% - 110%	58.2	60.1	103%	90% - 110%								
Co	15	16	104%	90% - 110%												
Cu	150	156	104%	90% - 110%									6.4	4.7	74%	90% - 110%
Er	3.7	4.1	110%	90% - 110%												
Eu	1.0	1.10	110%	90% - 110%												
Fe	3.77	4.03	107%	90% - 110%					7.56	7.77	103%	90% - 110%	3.27	3.38	103%	90% - 110%
Ga					22.6	24.2	107%	90% - 110%								
Hf	11	10	89%	90% - 110%												
K	2.55	2.58	101%	90% - 110%					2.02	2.03	101%	90% - 110%	3.68	3.82	104%	90% - 110%
La	44	48	109%	90% - 110%	27.5	29.4	106%	90% - 110%								
Li	47	50	106%	90% - 110%									65.0	70.8	109%	90% - 110%
Lu	0.6	0.5	88%	90% - 110%												
Mg	1.1	1.1	97%	90% - 110%					2.41	2.36	98%	90% - 110%				
Mn	780	785	101%	90% - 110%												
Mo	14	14	99%	90% - 110%												
Nb	20	19	93%	90% - 110%	22.6	22	97%	90% - 110%								
Nd					27.3	28.5	104%	90% - 110%								
Ni	32	33	103%	90% - 110%												
P													0.061	0.057	94%	90% - 110%
Pb	31	29	95%	90% - 110%												
Rb	144	139	97%	90% - 110%	85.4	86.4	101%	90% - 110%								
Sb	0.8	0.7	88%	90% - 110%												
Sc	12	12	103%	90% - 110%												
Si	28.4	29.7	105%	90% - 110%					23.65	24.07	102%	90% - 110%	24.4	25	103%	90% - 110%
Sm	7.4	8	108%	90% - 110%												
Sr	144	153	106%	90% - 110%									310	324	104%	90% - 110%
Ta	1.9	1.5	79%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Tb	1.2	1.2	99%	90% - 110%												
Th	18.4	19	103%	90% - 110%												
Ti	0.527	0.529	100%	90% - 110%									0.222	0.217	98%	90% - 110%
U	5.7	5.3	93%	90% - 110%												
V	77	78	101%	90% - 110%												
W	5	6	113%	90% - 110%												
Y	40	37	92%	90% - 110%	25.3	26.7	106%	90% - 110%								
Yb					2.66	2.94	111%	90% - 110%								
Zn	130	126	97%	90% - 110%									75.4	74.4	99%	90% - 110%
Zr	390	372	95%	90% - 110%	157	156	100%	90% - 110%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O727735

PROJECT: 2021 Surimeau DDH Batch 8

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC
AGAT WORK ORDER: 21O727735
PROJECT: 2021 Surimeau DDH Batch 8
ATTENTION TO: Francis Newton
SAMPLING SITE:
SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O727735

PROJECT: 2021 Surimeau DDH Batch 8

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 9

AGAT WORK ORDER: 21O727739

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Jul 27, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727739

PROJECT: 2021 Surimeau DDH Batch 9

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jul 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
45901 (2286005)	2.94
45902 (2286006)	0.70
45903 (2286007)	3.07
45904 (2286008)	4.58
45905 (2286009)	4.39
45906 (2286010)	2.66
45907 (2286011)	3.21
45908 (2286012)	4.24
45909 (2286013)	4.56
45910 (2286014)	4.25
45911 (2286015)	3.92
45912 C-Dup (2286016)	-
45913 (2286018)	3.65
45914 (2286019)	1.02
45915 (2286020)	1.20
45916 (2286021)	2.96
45917 (2286022)	1.98
45918 (2286023)	4.35
45919 (2286024)	3.22
45920 (2286025)	2.28
45921 (2286026)	1.10
45922 (2286027)	0.63
45923 (2286028)	2.19
45924 (2286029)	1.47
45925 (2286030)	2.06
45926 (2286031)	2.90
45927 (2286032)	4.74
45928 (2286033)	4.77
45929 (2286034)	2.31
45930 (2286035)	3.22
45931 (2286036)	2.96

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727739

PROJECT: 2021 Surimeau DDH Batch 9

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jul 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
45932 (2286037)	4.16
45933 (2286038)	4.01
45934 (2286039)	3.48
45935 (2286040)	4.96
45936 (2286041)	4.99
45937 (2286042)	4.70
45938 (2286043)	4.68
45939 (2286044)	5.17
45940 (2286045)	5.03
45941 (2286046)	2.18
45942 (2286047)	1.91
45943 (2286048)	5.81
45944 (2286049)	4.83
45945 C-Dup (2286050)	-
45946 (2286051)	5.13
45947 (2286052)	4.69
45948 (2286053)	2.02
45949 (2286054)	4.02
45950 (2286055)	2.58

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727739

PROJECT: 2021 Surimeau DDH Batch 9

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jul 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
45901 (2286005)	<1	7.40	<5	<20	129	<5	1.0	3.46	30.9	49.0	81.1	0.035	1.1	1770
45902 (2286006)	<1	0.05	<5	<20	17.6	<5	<0.1	36.9	<0.2	0.9	2.6	<0.005	<0.1	<5
45903 (2286007)	<1	7.52	<5	<20	496	<5	0.8	1.87	22.9	50.3	97.7	0.034	2.0	1310
45904 (2286008)	<1	7.02	<5	<20	699	<5	1.2	1.61	10.1	49.2	97.2	0.021	1.4	1260
45905 (2286009)	<1	6.17	9	<20	593	<5	2.8	1.01	13.7	42.1	97.5	0.022	1.4	984
45906 (2286010)	3	6.80	<5	<20	1330	<5	1.9	1.56	8.7	51.7	73.7	0.030	1.3	1000
45907 (2286011)	<1	5.79	8	<20	592	<5	2.0	1.58	6.8	54.3	90.7	0.040	4.1	1130
45908 (2286012)	<1	6.49	12	<20	803	<5	2.2	2.20	9.0	53.8	86.7	0.024	1.7	916
45909 (2286013)	<1	6.78	<5	<20	887	<5	1.4	2.08	7.3	58.1	74.8	0.026	1.9	737
45910 (2286014)	<1	7.06	6	<20	838	<5	1.1	2.32	5.4	56.9	54.0	0.023	1.5	606
45911 (2286015)	<1	6.39	<5	<20	949	<5	1.7	1.68	8.6	56.4	79.6	0.024	1.8	736
45912 C-Dup (2286016)	<1	5.67	5	<20	862	<5	1.6	1.45	9.2	60.4	79.1	0.027	1.8	678
45913 (2286018)	<1	6.53	10	20	731	<5	2.3	0.72	9.2	48.3	108	0.020	1.5	684
45914 (2286019)	<1	8.45	5	<20	779	<5	0.4	1.99	0.3	55.0	24.0	0.036	1.9	141
45915 (2286020)	<1	9.10	<5	<20	696	<5	0.4	2.30	0.3	59.2	25.2	0.041	1.9	151
45916 (2286021)	<1	7.83	8	<20	478	<5	1.1	2.19	8.8	50.4	64.2	0.033	1.4	575
45917 (2286022)	<1	8.03	<5	<20	713	<5	0.3	2.94	0.6	62.7	25.9	0.041	1.9	169
45918 (2286023)	<1	7.82	<5	<20	2080	<5	<0.1	4.56	<0.2	107	28.3	0.037	1.5	39
45919 (2286024)	<1	7.87	<5	<20	2010	<5	<0.1	5.15	<0.2	106	31.3	0.033	1.5	30
45920 (2286025)	<1	8.29	<5	<20	1980	<5	<0.1	4.59	<0.2	107	28.1	0.035	1.1	47
45921 (2286026)	<1	7.52	<5	<20	760	<5	1.1	1.98	35.0	59.5	175	0.033	0.9	713
45922 (2286027)	<1	0.05	<5	<20	35.7	<5	<0.1	36.1	<0.2	1.1	2.8	<0.005	<0.1	<5
45923 (2286028)	<1	7.64	<5	<20	494	<5	0.4	3.78	0.3	51.4	35.0	0.038	0.4	353
45924 (2286029)	<1	6.13	<5	<20	876	<5	0.3	3.37	0.2	11.1	148	0.353	2.8	263
45925 (2286030)	5	5.33	<5	<20	202	<5	0.3	5.30	<0.2	7.4	123	0.349	0.8	92
45926 (2286031)	4	5.57	<5	<20	76.1	<5	0.7	6.29	<0.2	3.7	150	0.411	3.8	86
45927 (2286032)	<1	5.64	<5	<20	84.3	<5	0.4	5.81	<0.2	3.3	141	0.401	1.0	89
45928 (2286033)	<1	2.72	<5	<20	130	<5	0.3	7.81	<0.2	1.5	81.0	0.191	7.1	10
45929 (2286034)	<1	6.19	<5	<20	88.8	<5	0.9	7.88	0.2	4.2	162	0.430	0.1	84
45930 (2286035)	<1	2.81	<5	<20	54.0	<5	0.5	20.6	<0.2	1.8	92.6	0.226	0.8	26
45931 (2286036)	1	3.98	<5	<20	14.7	<5	0.5	4.49	<0.2	1.3	92.2	0.268	0.8	89
45932 (2286037)	3	3.17	<5	<20	172	<5	0.5	11.0	<0.2	1.5	87.5	0.237	10.6	47

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727739

PROJECT: 2021 Surimeau DDH Batch 9

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jul 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
45933 (2286038)	<1	2.95	<5	<20	2.9	<5	1.1	4.61	<0.2	1.5	88.2	0.215	0.2	16
45934 (2286039)	6	2.52	<5	<20	2.8	<5	2.0	3.22	<0.2	1.3	98.3	0.204	0.2	<5
45935 (2286040)	2	3.15	<5	<20	3.5	<5	0.4	7.08	<0.2	1.8	91.4	0.230	0.1	100
45936 (2286041)	4	3.20	<5	<20	2.5	<5	1.0	4.34	<0.2	1.1	96.6	0.230	0.2	22
45937 (2286042)	2	3.47	<5	<20	2.9	<5	0.5	5.40	<0.2	1.4	99.9	0.260	0.2	51
45938 (2286043)	<1	3.14	<5	<20	7.5	<5	0.5	8.02	<0.2	1.5	89.8	0.226	0.3	54
45939 (2286044)	<1	3.46	<5	<20	2.4	<5	1.0	5.37	<0.2	1.4	94.6	0.240	0.2	46
45940 (2286045)	1	3.04	<5	<20	3.5	<5	0.8	4.95	<0.2	1.6	90.2	0.216	0.2	25
45941 (2286046)	<1	3.27	<5	<20	2.5	<5	0.6	4.37	<0.2	1.3	92.0	0.227	0.2	28
45942 (2286047)	<1	3.46	<5	<20	2.3	<5	0.7	4.28	<0.2	1.4	98.3	0.255	0.2	33
45943 (2286048)	2	3.20	<5	<20	1.9	<5	0.5	4.99	<0.2	1.5	88.6	0.220	0.2	46
45944 (2286049)	3	3.05	<5	<20	1.8	<5	0.5	6.04	<0.2	1.6	89.5	0.216	0.2	56
45945 C-Dup (2286050)	<1	3.09	<5	<20	2.0	<5	0.5	6.19	<0.2	1.7	90.3	0.221	0.1	55
45946 (2286051)	<1	5.40	<5	<20	53.4	<5	0.7	6.35	<0.2	2.7	174	0.406	0.6	65
45947 (2286052)	1	5.34	8	<20	201	<5	0.3	5.38	<0.2	2.6	128	0.374	0.3	83
45948 (2286053)	2	6.06	<5	<20	910	<5	0.4	2.32	<0.2	2.5	112	0.446	9.6	121
45949 (2286054)	<1	7.95	<5	<20	1730	<5	<0.1	1.93	<0.2	97.1	7.2	0.017	1.3	14
45950 (2286055)	5	8.03	<5	<20	1860	<5	<0.1	1.92	<0.2	95.9	6.4	0.014	1.2	10

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727739

PROJECT: 2021 Surimeau DDH Batch 9

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jul 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
45901 (2286005)	3.73	2.24	2.02	9.02	29.0	4.76	2	4	0.67	5.0	0.60	22.7	13	0.29
45902 (2286006)	0.23	0.18	<0.05	0.14	<0.01	0.25	<1	<1	<0.05	<0.2	<0.05	1.0	<10	<0.05
45903 (2286007)	3.47	1.89	1.59	9.03	25.4	4.70	2	4	0.60	3.6	2.00	24.1	33	0.24
45904 (2286008)	3.36	1.93	1.90	7.73	24.9	4.27	2	4	0.58	1.6	2.12	22.8	26	0.29
45905 (2286009)	3.55	2.29	1.77	10.0	21.6	4.04	1	4	0.66	2.0	1.22	19.6	27	0.33
45906 (2286010)	3.51	2.04	2.01	7.32	20.7	4.06	1	4	0.62	1.3	1.95	23.4	25	0.31
45907 (2286011)	3.50	1.93	1.70	8.56	22.0	4.78	1	3	0.58	0.8	1.94	25.5	50	0.29
45908 (2286012)	3.67	2.05	1.99	8.36	20.4	4.78	1	3	0.64	1.0	1.71	25.5	25	0.33
45909 (2286013)	3.70	2.07	2.25	6.70	21.8	5.03	1	4	0.64	0.7	2.29	27.5	26	0.33
45910 (2286014)	3.55	2.03	1.88	6.34	19.4	4.63	1	3	0.60	0.5	2.34	26.7	26	0.31
45911 (2286015)	3.21	1.92	1.91	7.66	19.3	4.46	1	3	0.58	1.0	2.27	26.6	26	0.27
45912 C-Dup (2286016)	3.75	2.17	1.99	6.78	19.6	5.02	1	4	0.63	1.0	2.02	28.6	22	0.30
45913 (2286018)	3.37	1.80	1.74	6.90	21.5	4.21	<1	3	0.54	1.0	2.22	22.3	31	0.27
45914 (2286019)	2.78	1.49	1.27	3.57	22.2	4.29	2	4	0.48	<0.2	2.25	26.3	37	0.19
45915 (2286020)	2.88	1.66	1.40	3.47	22.6	4.56	2	4	0.52	<0.2	2.17	28.2	37	0.20
45916 (2286021)	2.91	1.70	1.36	5.51	24.9	3.94	3	4	0.48	1.7	1.37	24.4	23	0.21
45917 (2286022)	2.67	1.43	1.38	3.99	20.9	4.69	4	4	0.49	<0.2	1.34	29.9	27	0.19
45918 (2286023)	3.90	1.74	2.21	5.29	20.9	8.31	1	5	0.58	<0.2	2.36	49.5	33	0.19
45919 (2286024)	3.92	1.76	2.15	5.68	20.6	8.03	1	4	0.57	<0.2	2.41	48.9	42	0.20
45920 (2286025)	4.15	1.77	2.28	5.31	21.1	8.12	1	5	0.59	<0.2	2.48	50.0	28	0.21
45921 (2286026)	5.11	3.01	1.76	12.6	24.0	6.43	<1	5	0.91	5.0	1.31	27.0	18	0.42
45922 (2286027)	0.34	0.24	<0.05	0.13	<0.01	0.36	<1	<1	0.05	<0.2	<0.05	1.1	<10	<0.05
45923 (2286028)	2.64	1.51	0.99	4.70	17.8	3.94	1	4	0.45	<0.2	0.89	24.8	<10	0.20
45924 (2286029)	2.81	1.76	0.59	9.44	15.1	2.54	2	1	0.53	<0.2	1.68	5.3	49	0.24
45925 (2286030)	2.33	1.60	0.53	8.78	12.6	1.97	4	1	0.45	<0.2	0.75	3.4	21	0.23
45926 (2286031)	2.46	1.64	0.43	10.0	13.2	1.79	4	<1	0.48	<0.2	0.79	1.5	36	0.22
45927 (2286032)	2.46	1.65	0.40	7.98	12.9	2.02	2	<1	0.48	<0.2	0.35	1.2	12	0.22
45928 (2286033)	1.06	0.72	0.06	6.10	7.48	0.92	2	<1	0.22	<0.2	1.20	0.6	26	0.09
45929 (2286034)	2.84	1.80	0.67	9.62	14.8	2.15	2	1	0.53	<0.2	0.34	1.7	18	0.22
45930 (2286035)	1.27	0.80	0.22	5.84	6.57	0.99	1	<1	0.25	<0.2	0.29	0.9	12	0.11
45931 (2286036)	1.37	0.92	<0.05	8.01	9.16	1.07	2	<1	0.28	<0.2	0.12	0.4	<10	0.12
45932 (2286037)	1.23	0.76	0.32	7.42	8.13	0.95	2	<1	0.25	<0.2	1.78	0.5	45	0.10

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727739

PROJECT: 2021 Surimeau DDH Batch 9

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jul 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
45933 (2286038)	1.27	0.82	<0.05	7.05	7.92	1.02	2	<1	0.23	<0.2	<0.05	0.5	<10	0.10
45934 (2286039)	0.86	0.59	<0.05	6.60	8.59	0.63	2	<1	0.16	<0.2	<0.05	0.5	<10	0.08
45935 (2286040)	1.30	0.83	0.18	7.38	7.63	1.06	2	<1	0.24	<0.2	<0.05	0.6	<10	0.09
45936 (2286041)	0.99	0.64	<0.05	7.46	8.94	0.73	1	<1	0.19	<0.2	<0.05	0.4	<10	0.08
45937 (2286042)	1.25	0.79	0.10	7.80	8.45	0.96	2	<1	0.22	<0.2	<0.05	0.5	<10	0.12
45938 (2286043)	1.31	0.84	0.23	7.47	6.57	1.08	1	<1	0.25	<0.2	0.05	0.5	<10	0.11
45939 (2286044)	1.23	0.83	0.09	7.76	7.91	1.07	2	<1	0.24	<0.2	<0.05	0.5	<10	0.10
45940 (2286045)	1.22	0.81	<0.05	7.10	7.18	0.92	2	<1	0.22	<0.2	<0.05	0.5	<10	0.10
45941 (2286046)	1.24	0.89	<0.05	7.28	7.60	0.96	2	<1	0.26	<0.2	<0.05	0.5	<10	0.11
45942 (2286047)	1.32	0.92	<0.05	7.62	8.08	1.01	2	<1	0.25	<0.2	<0.05	0.5	<10	0.11
45943 (2286048)	1.45	0.86	0.05	7.21	7.61	1.11	2	<1	0.28	<0.2	<0.05	0.5	<10	0.12
45944 (2286049)	1.25	0.87	0.10	6.83	7.01	1.02	2	<1	0.24	<0.2	<0.05	0.6	<10	0.11
45945 C-Dup (2286050)	1.27	0.83	0.14	6.90	7.01	1.08	3	<1	0.25	<0.2	<0.05	0.6	<10	0.11
45946 (2286051)	2.25	1.55	0.49	8.09	11.0	1.97	2	<1	0.45	<0.2	0.21	1.0	<10	0.20
45947 (2286052)	2.27	1.43	0.40	7.53	12.2	1.76	3	<1	0.43	<0.2	0.43	1.0	<10	0.21
45948 (2286053)	2.31	1.50	0.25	8.43	14.6	1.86	3	<1	0.45	<0.2	2.23	0.9	65	0.20
45949 (2286054)	1.77	0.55	1.75	1.95	23.6	5.43	<1	5	0.22	<0.2	1.63	46.2	22	<0.05
45950 (2286055)	1.63	0.50	1.69	1.89	23.2	5.37	<1	5	0.21	<0.2	2.08	45.1	19	<0.05

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727739

PROJECT: 2021 Surimeau DDH Batch 9

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jul 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
45901 (2286005)	0.76	1020	134	6	25.8	475	0.05	37	5.87	22.3	6.06	<0.1	15	27.9
45902 (2286006)	2.38	128	2	<1	0.9	<5	<0.01	<5	0.18	0.4	0.54	<0.1	<5	4.35
45903 (2286007)	0.86	795	74	7	25.8	525	0.05	48	6.01	65.6	6.06	<0.1	14	28.5
45904 (2286008)	0.85	527	12	6	24.1	463	0.05	48	5.78	64.5	4.95	<0.1	16	25.0
45905 (2286009)	0.84	346	14	5	20.9	365	0.04	108	4.92	44.8	6.29	<0.1	16	23.9
45906 (2286010)	0.75	384	9	6	24.7	236	0.04	77	5.91	64.4	4.53	<0.1	15	26.3
45907 (2286011)	2.07	504	10	5	26.9	303	0.06	97	6.32	108	5.45	<0.1	18	23.2
45908 (2286012)	0.87	310	12	4	25.9	291	0.04	136	6.22	68.7	5.48	<0.1	19	26.2
45909 (2286013)	0.92	274	11	5	27.9	243	0.04	77	6.89	85.4	4.25	<0.1	19	24.4
45910 (2286014)	0.91	280	10	6	27.3	226	0.04	74	6.45	72.5	3.99	<0.1	19	27.0
45911 (2286015)	0.87	311	11	6	26.9	285	0.04	84	6.44	82.5	4.96	<0.1	18	24.6
45912 C-Dup (2286016)	0.80	281	12	6	28.6	262	0.04	84	6.86	85.2	4.55	<0.1	16	22.0
45913 (2286018)	0.76	236	11	6	24.1	243	0.04	96	5.62	70.6	4.50	<0.1	16	25.1
45914 (2286019)	0.88	338	<2	6	26.9	91	0.06	18	6.39	79.9	2.05	<0.1	15	31.7
45915 (2286020)	0.93	338	<2	5	28.8	93	0.06	25	6.73	74.8	1.95	<0.1	17	33.0
45916 (2286021)	0.84	543	39	6	24.2	157	0.05	79	5.86	54.6	3.61	<0.1	14	29.3
45917 (2286022)	1.41	589	2	6	30.9	85	0.08	18	7.22	51.8	2.26	<0.1	14	31.3
45918 (2286023)	3.27	943	<2	5	56.5	65	0.18	19	12.9	57.9	0.34	<0.1	19	28.4
45919 (2286024)	3.86	1060	<2	7	57.6	87	0.19	18	12.9	59.5	0.28	<0.1	20	27.8
45920 (2286025)	3.34	954	<2	6	57.5	64	0.18	29	13.2	58.9	0.70	<0.1	19	28.9
45921 (2286026)	0.95	705	121	7	32.5	809	0.06	46	7.28	42.3	7.53	<0.1	18	24.2
45922 (2286027)	1.71	109	<2	<1	1.0	<5	<0.01	<5	0.20	0.4	0.54	<0.1	<5	4.86
45923 (2286028)	0.85	848	9	6	24.7	186	0.05	23	5.96	23.9	2.58	<0.1	13	32.4
45924 (2286029)	4.16	2040	4	1	7.1	1720	0.01	8	1.45	85.0	5.07	<0.1	36	26.2
45925 (2286030)	4.68	3360	<2	1	4.9	1640	0.01	<5	0.99	26.9	2.76	<0.1	33	27.0
45926 (2286031)	5.13	4140	<2	1	3.6	2200	<0.01	<5	0.57	24.4	0.97	<0.1	38	25.8
45927 (2286032)	3.90	2960	<2	<1	3.3	1780	<0.01	<5	0.53	10.7	0.59	<0.1	39	26.5
45928 (2286033)	10.4	1370	3	<1	1.5	1090	<0.01	<5	0.23	48.4	0.12	<0.1	18	23.6
45929 (2286034)	5.68	2840	<2	1	3.8	1630	<0.01	6	0.64	6.7	0.29	<0.1	42	23.1
45930 (2286035)	4.63	2630	<2	<1	1.6	1290	<0.01	10	0.28	9.6	0.42	<0.1	20	16.0
45931 (2286036)	14.5	1180	<2	<1	1.5	1140	<0.01	<5	0.22	4.8	0.65	<0.1	26	22.1
45932 (2286037)	10.7	1820	<2	<1	1.4	1280	<0.01	<5	0.23	73.4	0.62	<0.1	23	20.5

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727739

PROJECT: 2021 Surimeau DDH Batch 9

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jul 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
45933 (2286038)	15.6	1180	<2	<1	1.6	1340	<0.01	<5	0.24	0.7	0.19	<0.1	20	22.8
45934 (2286039)	15.7	971	<2	<1	1.1	1490	<0.01	<5	0.19	0.4	0.09	<0.1	18	22.1
45935 (2286040)	14.5	1340	<2	<1	1.7	1240	<0.01	<5	0.26	0.9	0.79	<0.1	22	20.6
45936 (2286041)	16.2	1240	<2	<1	1.2	1410	<0.01	<5	0.17	0.5	0.24	<0.1	22	23.7
45937 (2286042)	15.4	1300	<2	<1	1.5	1320	0.01	<5	0.24	0.7	0.47	<0.1	23	21.7
45938 (2286043)	13.9	1390	<2	<1	1.7	1170	<0.01	<5	0.24	1.5	0.77	<0.1	23	20.0
45939 (2286044)	14.5	1280	<2	<1	1.4	1200	<0.01	<5	0.24	0.6	0.54	<0.1	23	20.6
45940 (2286045)	14.2	1190	<2	<1	1.5	1200	<0.01	<5	0.25	0.7	0.27	<0.1	21	20.7
45941 (2286046)	14.9	1160	<2	<1	1.5	1190	<0.01	<5	0.22	0.7	0.25	<0.1	22	21.2
45942 (2286047)	15.1	1180	<2	<1	1.4	1320	<0.01	<5	0.24	0.9	0.29	<0.1	23	21.8
45943 (2286048)	14.1	1030	<2	<1	1.6	1040	<0.01	<5	0.25	0.7	0.35	<0.1	23	22.2
45944 (2286049)	13.4	1260	<2	<1	1.6	1220	<0.01	<5	0.26	0.5	0.57	<0.1	21	23.4
45945 C-Dup (2286050)	13.8	1280	<2	<1	1.8	1250	<0.01	<5	0.27	0.6	0.57	<0.1	21	23.8
45946 (2286051)	6.75	2440	<2	<1	2.9	2080	0.01	13	0.45	5.2	0.46	<0.1	37	26.4
45947 (2286052)	3.73	2300	<2	<1	2.7	1560	<0.01	10	0.41	14.2	0.47	<0.1	35	27.3
45948 (2286053)	4.81	1880	<2	<1	2.7	1410	0.01	11	0.42	91.0	1.57	<0.1	40	29.4
45949 (2286054)	0.63	239	5	4	49.8	17	0.10	24	11.6	45.3	0.23	<0.1	<5	32.6
45950 (2286055)	0.61	226	<2	4	49.0	13	0.10	24	11.5	47.1	0.16	<0.1	<5	33.1

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727739

PROJECT: 2021 Surimeau DDH Batch 9

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jul 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
45901 (2286005)	5.0	7	288	0.7	0.66	4.8	0.33	0.7	0.27	2.22	103	3	19.8	2.1
45902 (2286006)	0.2	<1	76.5	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.07	<5	<1	3.0	0.1
45903 (2286007)	4.8	9	224	0.8	0.62	5.5	0.33	3.4	0.24	1.88	112	2	17.8	1.9
45904 (2286008)	4.1	7	132	0.7	0.57	6.8	0.29	3.3	0.25	2.11	74	2	16.8	2.0
45905 (2286009)	4.0	5	129	1.0	0.58	6.5	0.22	1.8	0.29	2.65	66	3	19.3	2.3
45906 (2286010)	4.4	5	142	0.8	0.54	7.5	0.26	2.4	0.27	2.29	88	2	16.8	2.2
45907 (2286011)	5.0	4	94.9	0.7	0.59	8.1	0.24	6.4	0.24	2.46	84	2	16.1	2.1
45908 (2286012)	4.8	2	128	0.7	0.60	6.9	0.22	2.9	0.28	1.79	68	3	18.3	2.3
45909 (2286013)	5.3	3	109	0.8	0.66	7.9	0.24	3.8	0.28	2.00	79	3	18.1	2.2
45910 (2286014)	5.0	4	92.9	0.8	0.59	7.3	0.26	3.5	0.26	1.85	78	2	17.0	2.1
45911 (2286015)	5.1	2	98.3	0.7	0.58	7.7	0.23	3.6	0.25	1.98	79	2	16.0	2.0
45912 C-Dup (2286016)	5.4	2	86.2	0.7	0.59	8.6	0.20	3.6	0.29	2.50	72	3	18.7	2.2
45913 (2286018)	4.4	3	91.6	0.7	0.55	6.9	0.24	2.7	0.25	1.86	79	2	17.3	2.0
45914 (2286019)	4.6	5	135	1.5	0.55	6.8	0.34	4.2	0.18	2.11	109	<1	15.0	1.5
45915 (2286020)	5.1	3	153	0.7	0.53	7.2	0.37	4.2	0.20	2.14	118	<1	13.4	1.6
45916 (2286021)	4.4	4	172	0.7	0.50	6.1	0.32	2.8	0.20	1.96	98	1	11.9	1.6
45917 (2286022)	5.4	<1	392	2.5	0.55	7.2	0.34	2.9	0.18	2.22	105	<1	13.0	1.4
45918 (2286023)	9.6	<1	1450	<0.5	0.87	7.8	0.42	0.9	0.20	1.96	142	<1	21.0	1.5
45919 (2286024)	9.7	6	1500	0.5	0.88	6.7	0.44	0.7	0.20	1.74	150	<1	18.9	1.6
45920 (2286025)	9.6	<1	1450	0.6	0.89	7.8	0.42	0.9	0.19	2.08	147	<1	13.9	1.6
45921 (2286026)	6.5	6	344	0.6	0.83	5.2	0.36	1.1	0.40	1.85	89	<1	23.9	3.1
45922 (2286027)	0.3	<1	77.6	<0.5	<0.05	0.1	<0.01	<0.5	<0.05	0.09	<5	<1	2.7	0.2
45923 (2286028)	4.2	1	170	0.7	0.48	6.3	0.31	0.7	0.19	2.03	89	<1	16.2	1.5
45924 (2286029)	1.9	<1	110	<0.5	0.41	1.0	0.33	3.3	0.24	0.29	213	<1	14.6	1.8
45925 (2286030)	1.5	<1	120	<0.5	0.30	0.6	0.28	0.8	0.19	0.17	188	<1	14.9	1.6
45926 (2286031)	1.2	<1	128	<0.5	0.32	0.1	0.31	0.5	0.20	0.08	214	<1	12.1	1.7
45927 (2286032)	1.3	<1	203	<0.5	0.32	<0.1	0.31	<0.5	0.21	<0.05	225	<1	13.1	1.6
45928 (2286033)	0.6	<1	53.1	<0.5	0.13	<0.1	0.15	0.8	0.09	<0.05	99	<1	7.7	0.7
45929 (2286034)	1.4	<1	315	<0.5	0.37	0.1	0.35	<0.5	0.24	0.12	243	<1	18.5	1.9
45930 (2286035)	0.6	<1	487	<0.5	0.16	<0.1	0.16	<0.5	0.10	<0.05	108	<1	7.2	0.8
45931 (2286036)	0.6	<1	32.0	<0.5	0.17	<0.1	0.22	<0.5	0.12	0.06	145	<1	8.0	0.9
45932 (2286037)	0.7	<1	234	<0.5	0.16	<0.1	0.18	1.2	0.10	0.05	124	<1	7.4	0.8

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727739

PROJECT: 2021 Surimeau DDH Batch 9

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jul 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
45933 (2286038)	0.7	<1	106	<0.5	0.15	<0.1	0.16	<0.5	0.10	<0.05	105	<1	6.9	0.7
45934 (2286039)	0.5	<1	95.7	<0.5	0.11	<0.1	0.14	<0.5	0.07	0.06	86	<1	3.8	0.5
45935 (2286040)	0.7	<1	169	<0.5	0.16	<0.1	0.18	<0.5	0.10	0.07	117	<1	4.9	0.8
45936 (2286041)	0.4	<1	75.2	<0.5	0.12	<0.1	0.17	<0.5	0.08	0.06	117	<1	5.0	0.7
45937 (2286042)	0.7	<1	123	<0.5	0.17	<0.1	0.21	<0.5	0.10	<0.05	129	<1	7.4	0.8
45938 (2286043)	0.6	<1	183	<0.5	0.17	<0.1	0.19	<0.5	0.10	<0.05	121	<1	6.9	0.8
45939 (2286044)	0.6	<1	107	<0.5	0.14	<0.1	0.19	<0.5	0.11	<0.05	126	<1	7.1	0.7
45940 (2286045)	0.5	<1	106	<0.5	0.14	<0.1	0.17	<0.5	0.09	<0.05	109	<1	6.4	0.7
45941 (2286046)	0.6	<1	69.5	0.7	0.18	<0.1	0.19	<0.5	0.11	<0.05	122	<1	9.8	0.9
45942 (2286047)	0.6	<1	67.3	<0.5	0.16	<0.1	0.20	<0.5	0.11	<0.05	124	<1	6.9	0.8
45943 (2286048)	0.7	<1	39.3	<0.5	0.18	<0.1	0.19	<0.5	0.12	<0.05	123	<1	6.5	0.9
45944 (2286049)	0.7	<1	24.2	<0.5	0.16	<0.1	0.18	<0.5	0.11	<0.05	110	<1	6.9	0.8
45945 C-Dup (2286050)	0.7	<1	24.9	<0.5	0.15	<0.1	0.17	<0.5	0.09	<0.05	114	<1	7.1	0.8
45946 (2286051)	1.2	<1	163	<0.5	0.31	<0.1	0.30	<0.5	0.20	<0.05	210	<1	15.1	1.5
45947 (2286052)	1.2	<1	203	<0.5	0.30	<0.1	0.29	<0.5	0.19	<0.05	196	<1	11.7	1.5
45948 (2286053)	1.1	<1	237	<0.5	0.29	0.1	0.34	1.8	0.19	0.05	232	<1	14.2	1.4
45949 (2286054)	7.7	<1	1460	<0.5	0.52	6.9	0.28	<0.5	0.06	1.95	32	<1	4.7	0.4
45950 (2286055)	7.6	<1	1490	<0.5	0.49	6.7	0.28	<0.5	<0.05	1.86	33	<1	7.2	0.4

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727739

PROJECT: 2021 Surimeau DDH Batch 9

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jul 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
45901 (2286005)	17100	148
45902 (2286006)	8	2.3
45903 (2286007)	12100	143
45904 (2286008)	5850	136
45905 (2286009)	8020	122
45906 (2286010)	5100	136
45907 (2286011)	3840	104
45908 (2286012)	5370	111
45909 (2286013)	4210	123
45910 (2286014)	3320	116
45911 (2286015)	5170	116
45912 C-Dup (2286016)	4710	119
45913 (2286018)	5350	109
45914 (2286019)	309	140
45915 (2286020)	149	138
45916 (2286021)	4970	123
45917 (2286022)	275	145
45918 (2286023)	90	167
45919 (2286024)	101	149
45920 (2286025)	107	171
45921 (2286026)	18300	172
45922 (2286027)	6	1.8
45923 (2286028)	159	130
45924 (2286029)	154	41.0
45925 (2286030)	122	34.3
45926 (2286031)	108	26.1
45927 (2286032)	93	26.1
45928 (2286033)	67	13.4
45929 (2286034)	141	29.3
45930 (2286035)	52	13.6
45931 (2286036)	68	17.8
45932 (2286037)	77	13.8

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727739

PROJECT: 2021 Surimeau DDH Batch 9

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jul 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
45933 (2286038)	57	11.5
45934 (2286039)	66	13.1
45935 (2286040)	60	14.2
45936 (2286041)	69	16.8
45937 (2286042)	57	19.0
45938 (2286043)	52	13.8
45939 (2286044)	60	13.6
45940 (2286045)	51	12.7
45941 (2286046)	56	17.9
45942 (2286047)	53	15.9
45943 (2286048)	48	15.0
45944 (2286049)	47	15.2
45945 C-Dup (2286050)	46	14.7
45946 (2286051)	79	24.1
45947 (2286052)	72	24.5
45948 (2286053)	173	27.1
45949 (2286054)	79	178
45950 (2286055)	65	179

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727739

PROJECT: 2021 Surimeau DDH Batch 9

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jul 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
45901 (2286005)	83.92
45920 (2286025)	83.89
45940 (2286045)	82.53

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O727739

PROJECT: 2021 Surimeau DDH Batch 9

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Mar 29, 2021 | DATE RECEIVED: Mar 30, 2021 | DATE REPORTED: Jul 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
45901 (2286005)	86.86
45920 (2286025)	89.58
45940 (2286045)	89.39

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O727739

PROJECT: 2021 Surimeau DDH Batch 9

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2286005	< 1	< 1	0.0%	2286020	< 1	< 1	0.0%	2286031	4	2		2286046	< 1	< 1	0.0%
Al	2286005	7.40	7.52	1.6%	2286020	9.10	8.64	5.2%	2286031	5.57	5.27	5.5%	2286046	3.27	3.41	4.2%
As	2286005	< 5	< 5	0.0%	2286020	< 5	< 5	0.0%	2286031	< 5	< 5	0.0%	2286046	< 5	< 5	0.0%
B	2286005	< 20	< 20	0.0%	2286020	< 20	< 20	0.0%	2286031	< 20	< 20	0.0%	2286046	< 20	< 20	0.0%
Ba	2286005	129	137	6.0%	2286020	696	653	6.4%	2286031	76.1	78.3	2.8%	2286046	2.5	2.7	7.7%
Be	2286005	< 5	< 5	0.0%	2286020	< 5	< 5	0.0%	2286031	< 5	< 5	0.0%	2286046	< 5	< 5	0.0%
Bi	2286005	1.02	1.07	4.8%	2286020	0.39	0.35	10.8%	2286031	0.7	0.7	0.0%	2286046	0.6	0.6	0.0%
Ca	2286005	3.46	3.49	0.9%	2286020	2.30	2.17	5.8%	2286031	6.29	6.10	3.1%	2286046	4.37	4.53	3.6%
Cd	2286005	30.9	33.8	9.0%	2286020	0.3	0.3	0.0%	2286031	< 0.2	0.2		2286046	< 0.2	< 0.2	0.0%
Ce	2286005	49.0	48.5	1.0%	2286020	59.2	56.4	4.8%	2286031	3.66	3.47	5.3%	2286046	1.3	1.3	0.0%
Co	2286005	81.1	84.9	4.6%	2286020	25.2	24.6	2.4%	2286031	150	143	4.8%	2286046	92.0	89.6	2.6%
Cr	2286005	0.035	0.034	2.9%	2286020	0.0407	0.0382	6.3%	2286031	0.411	0.392	4.7%	2286046	0.227	0.237	4.3%
Cs	2286005	1.1	1.1	0.0%	2286020	1.9	1.9	0.0%	2286031	3.79	3.34	12.6%	2286046	0.20	0.25	22.2%
Cu	2286005	1770	1700	4.0%	2286020	151	137	9.7%	2286031	86	79	8.5%	2286046	28	29	3.5%
Dy	2286005	3.73	3.70	0.8%	2286020	2.88	2.96	2.7%	2286031	2.46	2.42	1.6%	2286046	1.24	1.31	5.5%
Er	2286005	2.24	2.12	5.5%	2286020	1.66	1.64	1.2%	2286031	1.64	1.62	1.2%	2286046	0.890	0.822	7.9%
Eu	2286005	2.02	1.95	3.5%	2286020	1.40	1.35	3.6%	2286031	0.43	0.47	8.9%	2286046	< 0.05	< 0.05	0.0%
Fe	2286005	9.02	9.53	5.5%	2286020	3.47	3.30	5.0%	2286031	10.0	9.08	9.6%	2286046	7.28	7.51	3.1%
Ga	2286005	29.0	29.0	0.0%	2286020	22.6	22.2	1.8%	2286031	13.2	12.5	5.4%	2286046	7.60	7.90	3.9%
Gd	2286005	4.76	4.67	1.9%	2286020	4.56	4.34	4.9%	2286031	1.79	1.85	3.3%	2286046	0.961	1.06	9.8%
Ge	2286005	2	3		2286020	2	2	0.0%	2286031	4	3	28.6%	2286046	2	2	0.0%
Hf	2286005	4	4	0.0%	2286020	4	4	0.0%	2286031	< 1	< 1	0.0%	2286046	< 1	< 1	0.0%
Ho	2286005	0.671	0.643	4.3%	2286020	0.518	0.494	4.7%	2286031	0.482	0.474	1.7%	2286046	0.255	0.248	2.8%
In	2286005	5.0	5.3	5.8%	2286020	< 0.2	< 0.2	0.0%	2286031	< 0.2	< 0.2	0.0%	2286046	< 0.2	< 0.2	0.0%
K	2286005	0.602	0.628	4.2%	2286020	2.17	2.05	5.7%	2286031	0.787	0.724	8.3%	2286046	< 0.05	< 0.05	0.0%
La	2286005	22.7	22.5	0.9%	2286020	28.2	26.6	5.8%	2286031	1.51	1.41	6.8%	2286046	0.5	0.5	0.0%
Li	2286005	13	14	7.4%	2286020	37	35	5.6%	2286031	36	33	8.7%	2286046	< 10	< 10	0.0%
Lu	2286005	0.289	0.282	2.5%	2286020	0.20	0.22	9.5%	2286031	0.22	0.23	4.4%	2286046	0.107	0.099	7.8%
Mg	2286005	0.761	0.768	0.9%	2286020	0.929	0.870	6.6%	2286031	5.13	4.78	7.1%	2286046	14.9	15.1	1.3%
Mn	2286005	1020	1060	3.8%	2286020	338	320	5.5%	2286031	4140	3960	4.4%	2286046	1160	1190	2.6%
Mo	2286005	134	142	5.8%	2286020	2	2	0.0%	2286031	< 2	< 2	0.0%	2286046	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2286005	6	7	15.4%	2286020	5	5	0.0%	2286031	1	< 1		2286046	< 1	< 1	0.0%
Nd	2286005	25.8	25.5	1.2%	2286020	28.8	27.8	3.5%	2286031	3.56	3.12	13.2%	2286046	1.5	1.5	0.0%
Ni	2286005	475	500	5.1%	2286020	93	88	5.5%	2286031	2200	2090	5.1%	2286046	1190	1210	1.7%
P	2286005	0.052	0.056	7.4%	2286020	0.06	0.06	0.0%	2286031	< 0.01	< 0.01	0.0%	2286046	< 0.01	< 0.01	0.0%
Pb	2286005	37	36	2.7%	2286020	25	23	8.3%	2286031	< 5	< 5	0.0%	2286046	< 5	< 5	0.0%
Pr	2286005	5.87	5.73	2.4%	2286020	6.73	6.57	2.4%	2286031	0.568	0.545	4.1%	2286046	0.22	0.21	4.7%
Rb	2286005	22.3	22.5	0.9%	2286020	74.8	75.4	0.8%	2286031	24.4	23.3	4.6%	2286046	0.68	0.77	12.4%
S	2286005	6.06	6.46	6.4%	2286020	1.95	1.82	6.9%	2286031	0.97	0.93	4.2%	2286046	0.255	0.266	4.2%
Sb	2286005	< 0.1	0.2		2286020	< 0.1	< 0.1	0.0%	2286031	< 0.1	< 0.1	0.0%	2286046	< 0.1	< 0.1	0.0%
Sc	2286005	15	16	6.5%	2286020	17	16	6.1%	2286031	38	36	5.4%	2286046	22	23	4.4%
Si	2286005	27.9	28.5	2.1%	2286020	33.0	31.3	5.3%	2286031	25.8	24.6	4.8%	2286046	21.2	21.9	3.2%
Sm	2286005	5.0	5.0	0.0%	2286020	5.13	4.74	7.9%	2286031	1.19	1.26	5.7%	2286046	0.6	0.6	0.0%
Sn	2286005	7	9	25.0%	2286020	3	3	0.0%	2286031	< 1	< 1	0.0%	2286046	< 1	< 1	0.0%
Sr	2286005	288	291	1.0%	2286020	153	146	4.7%	2286031	128	129	0.8%	2286046	69.5	72.2	3.8%
Ta	2286005	0.7	1.0		2286020	0.68	0.62	9.2%	2286031	< 0.5	< 0.5	0.0%	2286046	0.7	< 0.5	
Tb	2286005	0.658	0.632	4.0%	2286020	0.53	0.54	1.9%	2286031	0.319	0.301	5.8%	2286046	0.180	0.172	4.5%
Th	2286005	4.8	4.6	4.3%	2286020	7.2	6.8	5.7%	2286031	0.1	< 0.1		2286046	< 0.1	< 0.1	0.0%
Ti	2286005	0.33	0.33	0.0%	2286020	0.37	0.36	2.7%	2286031	0.31	0.30	3.3%	2286046	0.19	0.19	0.0%
Tl	2286005	0.7	0.7	0.0%	2286020	4.2	4.2	0.0%	2286031	0.52	0.43	18.9%	2286046	< 0.5	< 0.5	0.0%
Tm	2286005	0.275	0.280	1.8%	2286020	0.20	0.21	4.9%	2286031	0.20	0.21	4.9%	2286046	0.107	0.103	3.8%
U	2286005	2.22	2.02	9.4%	2286020	2.14	2.13	0.5%	2286031	0.08	0.06	28.6%	2286046	< 0.05	< 0.05	0.0%
V	2286005	103	107	3.8%	2286020	118	107	9.8%	2286031	214	204	4.8%	2286046	122	128	4.8%
W	2286005	3	3	0.0%	2286020	< 1	< 1	0.0%	2286031	< 1	< 1	0.0%	2286046	< 1	< 1	0.0%
Y	2286005	19.8	20.8	4.9%	2286020	13.4	13.5	0.7%	2286031	12.1	14.2	16.0%	2286046	9.8	7.5	26.6%
Yb	2286005	2.1	2.1	0.0%	2286020	1.6	1.6	0.0%	2286031	1.7	1.6	6.1%	2286046	0.91	0.82	10.4%
Zn	2286005	17100	18800	9.5%	2286020	149	145	2.7%	2286031	108	99	8.7%	2286046	56	56	0.0%
Zr	2286005	148	147	0.7%	2286020	138	134	2.9%	2286031	26.1	25.5	2.3%	2286046	17.9	14.1	23.8%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O727739

PROJECT: 2021 Surimeau DDH Batch 9

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.26	97%	90% - 110%					6.94	7.09	102%	90% - 110%	13.0	13.2	101%	90% - 110%
As	26	28	108%	90% - 110%												
Ba	540	534	99%	90% - 110%									1310	1371	105%	90% - 110%
Be	4.0	4	101%	90% - 110%												
Ca	0.907	0.881	97%	90% - 110%					4.01	4.15	103%	90% - 110%	1.42	1.41	99%	90% - 110%
Ce	98	103	105%	90% - 110%	58.2	60.6	104%	90% - 110%								
Co	15	16	106%	90% - 110%												
Cu	150	156	104%	90% - 110%									6.4	5.4	85%	90% - 110%
Er	3.7	4.3	117%	90% - 110%												
Eu	1.0	1.24	124%	90% - 110%												
Fe	3.77	3.95	105%	90% - 110%					7.56	8.09	107%	90% - 110%	3.27	3.49	107%	90% - 110%
Ga					22.6	24.2	107%	90% - 110%								
Hf	11	11	99%	90% - 110%												
K	2.55	2.54	100%	90% - 110%					2.02	2.12	105%	90% - 110%	3.68	3.88	105%	90% - 110%
La	44	45	103%	90% - 110%	27.5	28.1	102%	90% - 110%								
Li	47	49	105%	90% - 110%									65.0	71.2	110%	90% - 110%
Lu	0.6	0.6	93%	90% - 110%												
Mg	1.1	1	93%	90% - 110%					2.41	2.41	100%	90% - 110%				
Mn	780	780	100%	90% - 110%												
Mo	14	14	97%	90% - 110%												
Nb	20	19	96%	90% - 110%	22.6	24.2	107%	90% - 110%								
Nd					27.3	30	110%	90% - 110%								
Ni	32	32	100%	90% - 110%												
P													0.061	0.055	91%	90% - 110%
Pb	31	29	94%	90% - 110%												
Rb	144	151	105%	90% - 110%	85.4	93.3	109%	90% - 110%								
Sb	0.8	0.7	86%	90% - 110%												
Sc	12	12	103%	90% - 110%												
Si	28.4	30.1	106%	90% - 110%					23.65	25.69	109%	90% - 110%	24.4	26.3	108%	90% - 110%
Sm	7.4	8.0	108%	90% - 110%												
Sr	144	152	106%	90% - 110%									310	332	107%	90% - 110%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Tb	1.2	1.2	103%	90% - 110%												
Th	18.4	18.4	100%	90% - 110%												
Ti	0.527	0.526	100%	90% - 110%									0.222	0.222	100%	90% - 110%
U	5.7	7.4	129%	90% - 110%												
V	77	78	102%	90% - 110%												
W	5	6	113%	90% - 110%												
Y	40	39	96%	90% - 110%	25.3	23.4	93%	90% - 110%								
Yb					2.66	3.11	117%	90% - 110%								
Zn	130	125	96%	90% - 110%									75.4	76	101%	90% - 110%
Zr	390	397	102%	90% - 110%	157	165	105%	90% - 110%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O727739

PROJECT: 2021 Surimeau DDH Batch 9

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O727739

PROJECT: 2021 Surimeau DDH Batch 9

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O727739

PROJECT: 2021 Surimeau DDH Batch 9

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Brian Newton, Francis Newton

PROJECT: 2021 SURIMEAU DDH BATCH 13

AGAT WORK ORDER: 21O729238

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Jun 03, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729238

PROJECT: 2021 SURIMEAU DDH BATCH 13

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 03, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
46101 (2300299)	4.96
46102 (2300300)	0.86
46103 (2300301)	4.69
46104 (2300302)	5.06
46105 (2300303)	0.06
46106 (2300304)	5.04
46107 (2300305)	3.93
46108 (2300306)	3.16
46109 (2300307)	3.36
46110 (2300308)	3.21
46111 (2300309)	2.78
46112C-DUP (2300310)	-
46113 (2300311)	3.43
46114 (2300312)	3.20
46115 (2300313)	2.37
46116 (2300314)	5.51
46117 (2300315)	5.10
46118 (2300316)	4.02
46119 (2300317)	5.42
46120 (2300318)	4.38
46121 (2300319)	5.39
46122 (2300320)	0.90
46123 (2300321)	3.67
46124 (2300322)	4.31
46125 (2300323)	3.09
46126 (2300324)	1.85
46127 (2300325)	4.11
46128 (2300326)	3.24
46129 (2300327)	3.52
46130 (2300328)	4.31
46131 (2300329)	4.91

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729238

PROJECT: 2021 SURIMEAU DDH BATCH 13

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 03, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
46132 (2300330)	4.92
46133 (2300331)	3.23
46134 (2300332)	1.34
46135 (2300333)	2.33
46136 (2300334)	4.15
46137 (2300335)	3.83
46138 (2300336)	2.39
46139 (2300337)	3.54
46140 (2300338)	3.23
46141 (2300339)	2.03
46142 (2300340)	1.81
46143 (2300341)	4.57
46144 (2300342)	3.63
46145C-DUP (2300343)	-
46146 (2300344)	3.00
46147 (2300345)	2.44
46148 (2300346)	2.32
46149 (2300347)	3.80
46150 (2300348)	2.88

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729238

PROJECT: 2021 SURIMEAU DDH BATCH 13

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 03, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
46101 (2300299)	<1	2.53	<5	<20	2.8	<5	0.5	6.75	<0.2	1.9	96.7	0.193	0.4	65
46102 (2300300)	<1	0.22	<5	<20	24.9	<5	<0.1	38.4	<0.2	0.9	2.0	<0.005	<0.1	<5
46103 (2300301)	<1	3.75	<5	<20	2.3	<5	0.5	5.10	<0.2	1.7	106	0.258	0.1	68
46104 (2300302)	<1	3.27	<5	<20	1.7	<5	0.4	5.88	<0.2	1.8	93.6	0.233	0.1	63
46105 (2300303)	2	1.01	22	<20	62.9	<5	0.7	2.29	0.9	12.3	1230	0.022	0.7	14300
46106 (2300304)	<1	2.95	<5	<20	25.9	<5	0.4	9.81	<0.2	1.9	84.9	0.203	0.4	42
46107 (2300305)	<1	4.17	<5	<20	285	<5	0.9	11.5	<0.2	3.4	128	0.294	0.6	303
46108 (2300306)	<1	6.78	<5	<20	293	<5	4.9	2.49	13.5	72.1	104	0.015	<0.1	909
46109 (2300307)	<1	6.54	<5	<20	255	<5	4.1	2.10	11.2	66.4	91.5	0.019	<0.1	809
46110 (2300308)	<1	6.22	<5	<20	206	<5	3.9	2.05	14.2	62.3	101	0.014	0.2	957
46111 (2300309)	1	7.18	<5	<20	207	<5	1.8	2.06	27.6	72.2	171	0.014	0.1	3890
46112C-DUP (2300310)	2	6.97	<5	<20	228	<5	1.8	2.08	27.4	74.6	174	0.015	0.1	3570
46113 (2300311)	<1	4.50	<5	<20	391	<5	0.8	6.81	0.2	7.8	115	0.257	8.5	393
46114 (2300312)	<1	2.58	<5	<20	253	<5	0.5	6.85	<0.2	2.0	77.5	0.171	8.3	119
46115 (2300313)	<1	2.79	<5	<20	302	<5	0.4	6.93	<0.2	1.8	77.7	0.185	8.8	104
46116 (2300314)	<1	5.62	<5	<20	204	<5	0.3	7.81	<0.2	124	59.7	0.090	4.3	72
46117 (2300315)	<1	6.82	<5	<20	268	5	0.3	8.24	<0.2	170	59.8	0.077	6.0	59
46118 (2300316)	<1	5.41	<5	<20	853	<5	0.2	4.80	<0.2	16.7	62.7	0.173	27.7	16
46119 (2300317)	<1	3.20	<5	<20	29.0	<5	0.6	4.94	<0.2	9.6	89.8	0.224	1.9	85
46120 (2300318)	<1	2.44	<5	<20	9.4	<5	1.0	4.12	<0.2	1.3	93.3	0.187	0.9	61
46121 (2300319)	<1	2.73	<5	<20	119	<5	1.0	4.48	<0.2	1.6	99.3	0.206	8.6	118
46122 (2300320)	<1	0.04	<5	<20	19.0	<5	0.5	34.4	<0.2	1.0	1.4	<0.005	<0.1	<5
46123 (2300321)	<1	5.34	<5	<20	512	<5	1.3	2.89	10.6	21.7	135	0.218	19.2	535
46124 (2300322)	<1	6.55	<5	<20	308	<5	0.9	2.70	10.0	58.0	98.1	0.053	3.9	743
46125 (2300323)	<1	7.95	<5	<20	143	<5	0.8	2.82	11.3	85.3	87.9	0.013	0.2	941
46126 (2300324)	<1	7.84	<5	<20	250	<5	1.0	3.71	10.2	86.3	80.8	0.012	<0.1	782
46127 (2300325)	<1	6.19	<5	<20	238	<5	4.3	3.07	12.5	70.5	92.3	0.030	<0.1	709
46128 (2300326)	<1	6.52	<5	<20	298	<5	5.2	2.96	10.2	67.3	82.9	0.014	0.2	729
46129 (2300327)	<1	6.63	<5	<20	342	<5	4.0	2.38	8.3	71.3	77.5	0.012	<0.1	474
46130 (2300328)	<1	6.45	<5	<20	1670	<5	0.5	6.48	0.6	83.3	41.0	0.039	0.7	306
46131 (2300329)	<1	6.85	<5	<20	1150	<5	0.2	6.23	0.3	68.2	41.5	0.047	4.9	88
46132 (2300330)	<1	5.62	<5	<20	1070	<5	0.1	6.87	<0.2	91.7	50.7	0.086	6.5	57

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729238

PROJECT: 2021 SURIMEAU DDH BATCH 13

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 03, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
46133 (2300331)	<1	5.84	<5	<20	717	<5	0.3	7.66	<0.2	48.6	47.1	0.059	2.3	173
46134 (2300332)	<1	6.78	<5	<20	532	<5	1.4	5.33	4.6	54.1	68.1	0.027	0.5	420
46135 (2300333)	<1	6.41	<5	<20	997	<5	2.2	3.01	7.0	46.6	146	0.058	10.0	701
46136 (2300334)	<1	4.86	<5	<20	815	<5	3.8	1.74	28.9	72.3	183	0.098	16.4	873
46137 (2300335)	<1	3.05	<5	<20	402	<5	0.7	5.77	0.8	4.9	92.9	0.166	8.2	284
46138 (2300336)	<1	6.16	<5	<20	212	<5	0.8	6.26	<0.2	5.1	176	0.440	0.5	604
46139 (2300337)	<1	6.21	<5	<20	257	<5	1.0	6.73	7.5	16.7	175	0.308	2.2	556
46140 (2300338)	<1	3.11	<5	<20	432	<5	0.8	5.48	0.4	7.5	81.4	0.164	8.2	286
46141 (2300339)	<1	4.16	<5	<20	687	<5	1.9	3.58	1.4	17.6	92.6	0.113	12.3	422
46142 (2300340)	<1	4.14	<5	<20	637	<5	2.5	3.44	2.2	33.2	100	0.129	11.9	443
46143 (2300341)	<1	7.26	<5	<20	597	<5	4.1	1.31	16.2	78.9	100	0.013	2.7	384
46144 (2300342)	<1	6.11	<5	<20	233	<5	3.1	3.53	11.9	66.0	76.1	0.015	0.2	473
46145C-DUP (2300343)	<1	6.20	<5	<20	246	<5	2.8	3.61	11.0	64.7	72.1	0.017	0.4	489
46146 (2300344)	<1	6.08	<5	<20	264	<5	3.1	3.73	9.1	73.7	69.2	0.014	0.4	482
46147 (2300345)	<1	5.55	<5	<20	447	<5	2.5	5.66	4.5	92.4	70.3	0.051	0.3	423
46148 (2300346)	<1	4.48	<5	<20	260	<5	2.1	8.74	3.3	12.7	99.7	0.253	0.2	416
46149 (2300347)	<1	6.25	<5	<20	320	<5	1.7	4.80	5.1	60.8	88.7	0.097	0.4	343
46150 (2300348)	<1	6.80	<5	<20	1160	<5	1.6	3.91	5.8	75.3	51.1	0.032	0.7	386

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729238

PROJECT: 2021 SURIMEAU DDH BATCH 13

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 03, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
46101 (2300299)	1.23	0.86	0.23	6.33	6.30	0.99	3	<1	0.24	<0.2	<0.05	0.6	<10	0.12
46102 (2300300)	0.28	0.15	0.06	0.14	0.79	0.22	<1	<1	<0.05	<0.2	0.08	1.0	<10	<0.05
46103 (2300301)	1.59	0.91	0.17	7.90	8.92	1.16	2	<1	0.34	<0.2	<0.05	0.7	<10	0.16
46104 (2300302)	1.48	0.85	0.19	7.38	7.50	1.05	3	<1	0.32	<0.2	<0.05	0.7	<10	0.11
46105 (2300303)	1.05	0.67	0.25	34.5	3.25	1.22	<1	1	0.20	<0.2	0.14	6.2	<10	0.08
46106 (2300304)	1.18	0.75	0.44	6.83	6.84	0.94	3	<1	0.26	<0.2	0.09	0.9	<10	0.11
46107 (2300305)	1.78	1.10	0.52	7.48	10.8	1.30	3	<1	0.38	<0.2	0.20	1.3	22	0.15
46108 (2300306)	4.09	2.12	2.40	8.30	14.9	4.65	2	4	0.82	1.3	0.11	34.1	<10	0.38
46109 (2300307)	3.48	2.02	2.39	7.31	19.5	4.02	2	3	0.65	1.6	0.16	32.1	<10	0.31
46110 (2300308)	3.58	2.29	2.20	7.37	22.0	4.45	<1	3	0.70	2.0	0.13	29.1	<10	0.40
46111 (2300309)	4.13	2.36	2.65	11.9	22.9	5.03	1	4	0.82	4.6	0.07	34.7	<10	0.34
46112C-DUP (2300310)	4.52	2.47	2.65	11.7	23.4	5.12	1	4	0.86	4.6	0.08	35.8	<10	0.39
46113 (2300311)	1.53	1.16	0.39	7.21	12.3	1.41	3	<1	0.38	<0.2	1.32	3.5	44	0.19
46114 (2300312)	1.07	0.74	0.18	6.06	8.79	0.94	5	<1	0.27	<0.2	1.21	0.8	51	0.12
46115 (2300313)	1.20	0.70	0.21	6.21	8.92	0.93	4	<1	0.25	<0.2	1.44	0.8	53	0.10
46116 (2300314)	4.50	2.03	3.70	8.39	19.1	7.49	5	5	0.78	<0.2	0.80	57.9	42	0.24
46117 (2300315)	5.77	2.61	4.89	9.60	22.3	10.3	4	7	0.99	0.2	0.90	78.0	52	0.34
46118 (2300316)	2.18	1.31	0.99	7.37	15.8	2.37	3	1	0.48	<0.2	3.12	7.1	143	0.17
46119 (2300317)	1.33	0.87	0.32	7.09	9.45	1.32	4	<1	0.29	<0.2	0.19	5.4	14	0.13
46120 (2300318)	0.98	0.72	0.14	6.28	7.05	0.72	4	<1	0.20	<0.2	0.06	0.5	<10	0.09
46121 (2300319)	1.06	0.81	0.22	6.76	8.44	0.90	5	<1	0.24	<0.2	0.85	0.4	30	0.09
46122 (2300320)	0.21	0.16	<0.05	0.13	0.24	0.25	2	<1	0.05	<0.2	<0.05	1.2	<10	<0.05
46123 (2300321)	2.54	1.55	1.00	8.79	17.4	2.22	2	2	0.54	1.6	1.98	10.1	86	0.24
46124 (2300322)	3.76	2.30	2.34	8.29	20.3	4.39	1	4	0.80	1.4	0.55	28.4	29	0.35
46125 (2300323)	4.52	2.66	2.48	8.13	20.1	5.15	1	5	0.90	1.5	0.07	41.0	<10	0.44
46126 (2300324)	4.47	2.75	3.07	7.46	21.8	5.47	2	5	0.95	1.4	0.07	41.6	<10	0.47
46127 (2300325)	3.66	2.14	2.28	7.40	18.1	4.34	1	4	0.78	1.7	0.09	35.9	<10	0.36
46128 (2300326)	3.50	1.96	2.07	7.99	19.1	4.34	2	4	0.68	1.7	0.11	32.3	<10	0.36
46129 (2300327)	3.55	2.29	2.20	7.73	18.8	4.66	<1	4	0.78	1.0	0.09	34.5	<10	0.48
46130 (2300328)	4.49	2.31	2.16	6.99	17.9	6.50	2	3	0.86	<0.2	0.36	40.3	14	0.34
46131 (2300329)	3.72	2.21	1.85	7.13	18.2	5.19	3	3	0.77	<0.2	1.72	32.1	38	0.31
46132 (2300330)	3.90	1.83	2.25	6.91	15.8	6.36	4	3	0.77	<0.2	2.24	42.3	53	0.25

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729238

PROJECT: 2021 SURIMEAU DDH BATCH 13

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 03, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
46133 (2300331)	3.70	2.22	1.56	7.79	14.9	4.85	4	2	0.75	<0.2	0.92	22.6	22	0.29
46134 (2300332)	4.26	2.39	1.79	8.05	15.8	4.94	3	3	0.78	0.8	0.56	24.9	<10	0.35
46135 (2300333)	3.29	1.86	1.52	11.8	18.7	3.97	2	3	0.67	1.1	2.76	21.7	55	0.25
46136 (2300334)	2.65	1.16	0.71	12.8	19.1	3.25	4	5	0.45	4.2	4.68	34.7	82	0.25
46137 (2300335)	1.50	0.93	0.35	6.56	12.9	1.10	4	<1	0.29	0.2	2.54	2.1	56	0.14
46138 (2300336)	2.98	1.91	1.15	8.62	14.2	2.09	2	1	0.68	0.2	0.47	2.4	11	0.31
46139 (2300337)	2.90	1.76	0.95	11.8	15.4	2.67	2	2	0.57	1.1	1.01	7.4	23	0.24
46140 (2300338)	1.67	1.12	0.45	6.84	14.2	1.73	4	1	0.36	<0.2	2.61	3.4	57	0.17
46141 (2300339)	1.64	1.13	0.58	8.96	18.2	1.76	3	3	0.37	0.2	3.95	8.8	65	0.20
46142 (2300340)	1.64	0.90	0.90	9.56	18.5	2.09	4	3	0.33	0.4	3.65	15.9	69	0.19
46143 (2300341)	6.55	3.59	2.96	7.65	13.9	6.30	2	5	1.32	2.2	1.59	36.3	34	0.69
46144 (2300342)	3.93	1.97	2.42	6.40	16.3	4.47	2	4	0.80	1.8	0.28	31.3	<10	0.33
46145C-DUP (2300343)	3.93	2.26	2.37	6.30	15.6	4.37	3	3	0.77	1.3	0.31	30.7	<10	0.36
46146 (2300344)	3.83	2.27	1.79	7.17	16.0	4.49	2	4	0.73	1.2	0.22	35.7	<10	0.33
46147 (2300345)	4.59	2.14	2.41	7.00	18.9	6.22	4	4	0.82	0.7	0.24	42.9	<10	0.35
46148 (2300346)	2.01	1.28	0.89	7.08	20.8	1.69	5	1	0.44	0.5	0.21	6.0	<10	0.22
46149 (2300347)	3.72	2.20	2.01	6.42	21.1	4.32	3	3	0.73	0.8	0.31	29.4	<10	0.36
46150 (2300348)	3.66	2.14	2.09	5.67	19.8	4.86	3	4	0.72	0.7	1.34	35.6	<10	0.30

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729238

PROJECT: 2021 SURIMEAU DDH BATCH 13

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 03, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
46101 (2300299)	13.2	1200	<2	<1	1.7	1370	0.02	<5	0.29	0.2	1.08	<0.1	18	21.8
46102 (2300300)	1.60	103	<2	<1	0.8	8	<0.01	<5	0.20	1.5	0.58	<0.1	<5	7.07
46103 (2300301)	13.4	1180	<2	<1	1.9	1220	<0.01	<5	0.30	0.4	1.76	<0.1	24	20.6
46104 (2300302)	13.8	1270	<2	<1	1.6	1250	<0.01	7	0.26	0.3	1.48	<0.1	23	23.2
46105 (2300303)	1.68	561	<2	1	5.3	21800	0.01	41	1.50	5.4	20.6	0.4	7	7.56
46106 (2300304)	10.8	1940	<2	<1	1.7	1100	<0.01	6	0.31	1.9	1.43	0.2	21	20.0
46107 (2300305)	6.24	2480	4	<1	2.6	1620	0.01	24	0.46	5.9	2.21	<0.1	28	22.2
46108 (2300306)	1.46	409	17	6	31.7	345	0.05	74	8.56	3.4	4.56	<0.1	22	22.8
46109 (2300307)	0.85	319	12	6	27.6	296	0.05	60	7.88	5.2	4.13	0.2	18	23.3
46110 (2300308)	0.79	305	13	6	26.7	333	0.03	54	7.36	3.6	4.32	<0.1	17	24.7
46111 (2300309)	0.71	348	144	12	31.3	641	0.06	32	7.96	1.5	7.17	<0.1	19	25.8
46112C-DUP (2300310)	0.81	358	158	11	32.1	706	0.07	31	8.54	1.6	8.00	0.1	22	25.2
46113 (2300311)	8.48	1420	4	1	3.8	1340	<0.01	19	1.03	58.0	1.85	<0.1	26	24.9
46114 (2300312)	11.5	1310	18	<1	1.4	1010	<0.01	17	0.33	53.3	0.80	0.2	18	25.4
46115 (2300313)	11.3	1310	<2	<1	1.5	1000	<0.01	5	0.31	62.1	0.75	<0.1	18	25.8
46116 (2300314)	8.24	1690	2	7	59.4	355	0.23	9	15.4	26.9	0.43	0.1	26	22.2
46117 (2300315)	7.17	1720	<2	16	81.7	241	0.37	13	20.1	27.2	0.45	<0.1	30	20.7
46118 (2300316)	11.6	1330	<2	2	11.1	668	0.11	13	2.40	129	0.35	<0.1	29	23.3
46119 (2300317)	13.7	1230	<2	<1	4.6	1110	<0.01	6	1.14	6.4	1.71	0.1	21	23.1
46120 (2300318)	13.9	1290	<2	<1	1.3	1520	<0.01	<5	0.29	2.4	0.93	<0.1	17	24.1
46121 (2300319)	13.8	1210	<2	<1	1.3	1460	<0.01	<5	0.21	36.9	1.43	0.1	19	23.7
46122 (2300320)	1.94	107	<2	<1	0.9	<5	<0.01	<5	0.22	0.6	0.54	0.4	<5	4.69
46123 (2300321)	7.67	886	498	4	10.8	1180	0.02	22	2.62	91.7	3.21	<0.1	27	23.9
46124 (2300322)	3.83	819	127	8	26.4	628	0.06	20	6.84	26.4	3.71	0.1	19	27.0
46125 (2300323)	1.10	444	653	13	36.3	314	0.11	29	9.96	1.0	4.45	<0.1	22	29.1
46126 (2300324)	1.04	488	218	11	34.5	285	0.06	42	10.1	1.0	4.00	<0.1	20	28.0
46127 (2300325)	1.76	517	14	7	29.7	358	0.03	80	7.93	2.3	3.92	<0.1	20	23.9
46128 (2300326)	0.99	411	12	6	30.6	297	0.03	101	7.79	4.4	4.49	<0.1	18	23.2
46129 (2300327)	0.89	360	13	7	32.2	251	0.03	92	8.36	3.0	4.04	0.2	17	23.0
46130 (2300328)	4.58	1340	10	5	41.7	104	0.21	39	9.96	12.0	2.53	<0.1	28	25.9
46131 (2300329)	4.81	1390	<2	6	34.5	117	0.16	18	8.42	84.8	1.01	<0.1	30	26.0
46132 (2300330)	7.04	1330	<2	8	47.0	234	0.21	12	11.5	110	0.60	0.1	31	24.6

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729238

PROJECT: 2021 SURIMEAU DDH BATCH 13

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 03, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
46133 (2300331)	5.85	1470	2	4	26.1	100	0.14	24	5.88	42.1	2.13	<0.1	42	24.7
46134 (2300332)	3.91	1100	7	5	28.6	205	0.12	35	6.85	20.2	3.76	<0.1	34	25.6
46135 (2300333)	6.30	1040	11	4	23.6	942	0.13	45	5.51	121	5.50	0.2	25	21.7
46136 (2300334)	9.40	1050	17	3	32.5	1410	<0.01	19	8.27	217	5.87	<0.1	21	17.0
46137 (2300335)	12.0	1830	7	1	2.7	1320	<0.01	6	0.62	118	1.74	<0.1	18	24.5
46138 (2300336)	5.09	2460	18	3	4.1	2550	0.02	22	0.76	18.4	4.09	<0.1	40	24.2
46139 (2300337)	5.16	2010	37	2	9.3	1710	0.03	28	2.30	43.6	5.88	<0.1	33	25.0
46140 (2300338)	11.4	1930	4	2	4.5	959	<0.01	11	1.06	134	2.00	<0.1	22	23.7
46141 (2300339)	10.6	1550	11	3	8.2	747	<0.01	19	2.09	197	3.30	<0.1	28	20.7
46142 (2300340)	10.3	1510	12	3	15.1	784	<0.01	24	3.92	186	3.65	<0.1	30	20.1
46143 (2300341)	1.31	247	16	5	35.5	567	0.03	54	9.40	73.5	4.46	0.1	16	19.7
46144 (2300342)	1.33	566	12	6	30.9	264	0.07	60	7.93	11.3	3.75	<0.1	18	24.5
46145C-DUP (2300343)	1.48	588	11	6	29.3	271	0.07	55	7.39	11.8	3.81	0.1	20	24.9
46146 (2300344)	1.38	605	7	6	31.6	218	0.05	71	8.62	7.8	4.25	<0.1	18	24.4
46147 (2300345)	3.80	1150	6	8	43.8	310	0.13	51	11.2	6.7	3.62	<0.1	20	24.0
46148 (2300346)	4.96	1960	3	2	6.5	1070	0.01	70	1.54	6.5	3.45	0.1	27	24.5
46149 (2300347)	1.59	765	6	5	27.4	644	0.05	65	7.44	11.4	3.67	<0.1	24	26.5
46150 (2300348)	2.46	626	7	7	35.4	214	0.09	74	9.32	36.7	3.06	0.2	22	26.0

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729238

PROJECT: 2021 SURIMEAU DDH BATCH 13

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 03, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
46101 (2300299)	0.6	<1	49.0	<0.5	0.20	<0.1	0.15	<0.5	0.11	<0.05	97	<1	6.6	0.8
46102 (2300300)	0.1	<1	84.3	<0.5	<0.05	0.1	<0.01	<0.5	<0.05	0.18	<5	<1	2.1	0.1
46103 (2300301)	0.9	<1	25.4	<0.5	0.20	<0.1	0.21	<0.5	0.15	<0.05	137	<1	8.6	0.9
46104 (2300302)	0.8	<1	16.0	<0.5	0.16	<0.1	0.17	<0.5	0.13	<0.05	127	<1	7.5	0.8
46105 (2300303)	1.1	<1	31.9	<0.5	0.16	1.0	0.10	<0.5	0.10	0.23	56	5	5.1	0.6
46106 (2300304)	0.5	1	100	<0.5	0.19	<0.1	0.17	<0.5	0.13	<0.05	115	<1	7.0	0.8
46107 (2300305)	1.0	6	202	<0.5	0.24	0.2	0.23	<0.5	0.14	0.13	160	<1	10.4	1.1
46108 (2300306)	6.0	4	202	0.6	0.70	9.0	0.24	<0.5	0.34	2.36	61	<1	21.1	2.4
46109 (2300307)	4.8	8	89.2	0.6	0.64	8.1	0.23	<0.5	0.29	2.57	71	<1	18.6	2.0
46110 (2300308)	4.9	7	65.9	0.6	0.62	8.4	0.22	<0.5	0.32	2.23	66	<1	19.6	2.2
46111 (2300309)	6.0	6	252	0.7	0.76	8.4	0.28	<0.5	0.38	5.58	107	<1	23.5	2.4
46112C-DUP (2300310)	6.0	7	241	0.7	0.75	8.2	0.27	<0.5	0.38	6.10	122	<1	23.2	2.5
46113 (2300311)	1.2	2	139	<0.5	0.24	0.7	0.23	1.7	0.16	0.22	140	<1	9.6	1.0
46114 (2300312)	0.6	1	38.7	<0.5	0.17	<0.1	0.14	1.7	0.10	0.05	106	<1	6.3	0.7
46115 (2300313)	0.7	1	38.8	<0.5	0.15	<0.1	0.15	1.9	0.12	0.06	102	<1	6.2	0.7
46116 (2300314)	10.9	11	111	<0.5	0.87	8.4	0.67	0.8	0.26	2.55	217	<1	21.0	1.5
46117 (2300315)	15.4	18	160	0.8	1.24	11.9	0.86	0.7	0.34	4.43	271	<1	26.9	2.0
46118 (2300316)	2.6	5	59.8	<0.5	0.36	2.0	0.27	2.9	0.18	0.35	199	<1	12.5	1.3
46119 (2300317)	1.0	<1	24.4	<0.5	0.22	<0.1	0.18	<0.5	0.13	0.07	117	<1	8.2	0.9
46120 (2300318)	0.5	<1	18.1	<0.5	0.11	<0.1	0.13	<0.5	0.08	<0.05	92	<1	5.3	0.6
46121 (2300319)	0.6	<1	22.8	<0.5	0.19	<0.1	0.15	0.9	0.12	<0.05	106	<1	6.6	0.7
46122 (2300320)	0.3	<1	73.2	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.12	<5	<1	2.5	0.1
46123 (2300321)	2.4	1	267	<0.5	0.36	2.1	0.26	2.0	0.28	1.66	156	<1	14.9	1.6
46124 (2300322)	5.1	5	269	0.6	0.69	8.4	0.24	0.7	0.34	3.24	119	<1	21.6	2.5
46125 (2300323)	7.0	6	389	0.8	0.81	11.6	0.27	<0.5	0.42	4.87	130	<1	23.3	2.9
46126 (2300324)	6.4	5	340	0.9	0.77	12.0	0.27	<0.5	0.42	3.55	97	<1	25.6	2.7
46127 (2300325)	5.3	9	174	0.6	0.67	8.9	0.24	<0.5	0.33	2.42	97	<1	21.8	2.3
46128 (2300326)	5.3	8	214	0.6	0.60	9.4	0.22	<0.5	0.28	2.76	71	<1	20.8	2.2
46129 (2300327)	5.2	9	267	0.7	0.69	8.9	0.25	<0.5	0.32	2.68	63	<1	20.8	2.1
46130 (2300328)	8.1	6	733	<0.5	0.86	6.0	0.48	<0.5	0.32	1.93	185	<1	22.5	2.1
46131 (2300329)	7.0	<1	774	<0.5	0.68	5.4	0.50	2.1	0.31	1.41	200	<1	21.3	2.0
46132 (2300330)	8.5	<1	625	0.5	0.84	5.5	0.51	2.6	0.28	1.56	185	<1	20.3	1.8

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729238

PROJECT: 2021 SURIMEAU DDH BATCH 13

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 03, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
46133 (2300331)	5.1	4	660	<0.5	0.69	3.9	0.49	0.9	0.28	1.10	240	<1	18.9	1.9
46134 (2300332)	5.3	8	553	<0.5	0.72	5.6	0.45	<0.5	0.31	1.60	188	<1	22.2	2.3
46135 (2300333)	4.7	4	355	<0.5	0.52	5.8	0.38	4.2	0.28	1.34	172	<1	17.4	1.9
46136 (2300334)	6.5	3	9.9	<0.5	0.47	10.1	0.27	8.2	0.19	2.49	108	<1	11.0	1.4
46137 (2300335)	1.0	3	10.4	<0.5	0.20	0.8	0.14	4.2	0.13	0.22	106	<1	8.6	0.9
46138 (2300336)	1.6	6	320	<0.5	0.43	0.1	0.33	1.1	0.26	0.39	231	<1	17.0	1.9
46139 (2300337)	2.1	8	245	<0.5	0.39	1.7	0.31	1.5	0.23	0.73	186	<1	15.4	1.8
46140 (2300338)	1.4	3	7.5	<0.5	0.27	1.7	0.21	4.8	0.15	0.65	162	<1	9.6	1.1
46141 (2300339)	1.7	5	8.0	<0.5	0.31	5.8	0.34	7.5	0.16	1.59	220	<1	9.7	1.0
46142 (2300340)	2.6	5	11.9	<0.5	0.30	6.1	0.37	6.8	0.15	1.95	215	<1	8.7	1.0
46143 (2300341)	7.0	3	501	1.2	0.95	10.2	0.24	1.5	0.58	2.56	58	<1	35.6	4.0
46144 (2300342)	6.4	6	354	0.6	0.66	8.2	0.26	<0.5	0.33	2.40	82	1	21.1	2.1
46145C-DUP (2300343)	5.9	6	364	0.6	0.63	8.1	0.27	<0.5	0.32	2.26	89	<1	20.4	2.2
46146 (2300344)	5.9	5	315	0.6	0.66	8.8	0.27	<0.5	0.35	2.22	89	<1	20.6	2.3
46147 (2300345)	7.4	7	265	0.7	0.80	8.6	0.35	<0.5	0.39	2.09	121	<1	22.4	2.3
46148 (2300346)	1.9	8	195	<0.5	0.31	1.3	0.24	0.5	0.19	0.49	173	<1	13.0	1.3
46149 (2300347)	4.9	7	286	<0.5	0.66	7.0	0.29	<0.5	0.36	2.32	112	<1	22.1	2.3
46150 (2300348)	6.4	6	295	0.6	0.73	8.3	0.36	0.7	0.29	2.38	112	<1	19.2	1.9

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729238

PROJECT: 2021 SURIMEAU DDH BATCH 13

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 03, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
46101 (2300299)	44	17.5
46102 (2300300)	<5	2.5
46103 (2300301)	59	18.8
46104 (2300302)	51	15.5
46105 (2300303)	74	36.5
46106 (2300304)	56	15.9
46107 (2300305)	328	22.5
46108 (2300306)	6080	139
46109 (2300307)	6000	125
46110 (2300308)	7530	127
46111 (2300309)	14400	150
46112C-DUP (2300310)	13400	155
46113 (2300311)	306	32.5
46114 (2300312)	83	11.6
46115 (2300313)	74	13.7
46116 (2300314)	239	196
46117 (2300315)	221	265
46118 (2300316)	175	49.0
46119 (2300317)	80	16.6
46120 (2300318)	128	11.6
46121 (2300319)	186	13.7
46122 (2300320)	<5	1.8
46123 (2300321)	5330	63.6
46124 (2300322)	5060	128
46125 (2300323)	5730	167
46126 (2300324)	5320	189
46127 (2300325)	6570	132
46128 (2300326)	5640	134
46129 (2300327)	4050	149
46130 (2300328)	372	123
46131 (2300329)	255	112
46132 (2300330)	119	122

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729238

PROJECT: 2021 SURIMEAU DDH BATCH 13

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 03, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
46133 (2300331)	186	82.0
46134 (2300332)	2250	106
46135 (2300333)	3540	109
46136 (2300334)	12000	178
46137 (2300335)	778	23.8
46138 (2300336)	338	29.2
46139 (2300337)	3700	57.7
46140 (2300338)	636	33.8
46141 (2300339)	1080	101
46142 (2300340)	1580	111
46143 (2300341)	6550	176
46144 (2300342)	5650	135
46145C-DUP (2300343)	5570	130
46146 (2300344)	4560	152
46147 (2300345)	2860	156
46148 (2300346)	1740	38.4
46149 (2300347)	2440	119
46150 (2300348)	2870	151

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729238

PROJECT: 2021 SURIMEAU DDH BATCH 13

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 03, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
46101 (2300299)	78.87
46120 (2300318)	80.44
46140 (2300338)	84.53

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729238

PROJECT: 2021 SURIMEAU DDH BATCH 13

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 03, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
46101 (2300299)	86.61
46140 (2300338)	86.42

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O729238

PROJECT: 2021 SURIMEAU DDH BATCH 13

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2300299	< 1	< 1	0.0%	2300313	< 1	< 1	0.0%	2300324	< 1	< 1	0.0%	2300339	< 1	1	
Al	2300299	2.53	2.50	1.2%	2300313	2.79	2.74	1.8%	2300313	2.79	2.74	1.8%	2300324	7.84	7.84	0.0%
As	2300299	< 5	< 5	0.0%	2300313	< 5	< 5	0.0%	2300324	< 5	< 5	0.0%	2300339	< 5	< 5	0.0%
B	2300299	< 20	< 20	0.0%	2300313	< 20	< 20	0.0%	2300313	< 20	< 20	0.0%	2300324	< 20	< 20	0.0%
Ba	2300299	2.8	2.6	7.4%	2300313	302	304	0.7%	2300313	302	304	0.7%	2300324	250	255	2.0%
Be	2300299	< 5	< 5	0.0%	2300313	< 5	< 5	0.0%	2300324	< 5	< 5	0.0%	2300339	< 5	< 5	0.0%
Bi	2300299	0.5	0.6	18.2%	2300313	0.45	0.57	23.5%	2300324	1.0	0.9	10.5%	2300339	1.9	2.0	5.1%
Ca	2300299	6.75	6.76	0.1%	2300313	6.93	6.80	1.9%	2300313	6.93	6.80	1.9%	2300324	3.71	3.69	0.5%
Cd	2300299	< 0.2	< 0.2	0.0%	2300313	< 0.2	< 0.2	0.0%	2300324	10.2	11.1	8.5%	2300339	1.38	1.22	12.3%
Ce	2300299	1.85	1.72	7.3%	2300313	1.8	1.8	0.0%	2300324	86.3	85.8	0.6%	2300339	17.6	15.6	12.0%
Co	2300299	96.7	96.4	0.3%	2300313	77.7	77.4	0.4%	2300324	80.8	80.5	0.4%	2300339	92.6	91.0	1.7%
Cr	2300299	0.193	0.194	0.5%	2300313	0.185	0.187	1.1%	2300313	0.185	0.187	1.1%	2300324	0.0124	0.0125	0.8%
Cs	2300299	0.4	0.2		2300313	8.8	9.8	10.8%	2300324	< 0.1	0.2		2300339	12.3	12.4	0.8%
Cu	2300299	65	69	6.0%	2300313	104	105	1.0%	2300313	104	105	1.0%	2300324	782	779	0.4%
Dy	2300299	1.23	1.20	2.5%	2300313	1.20	1.07	11.5%	2300324	4.47	4.79	6.9%	2300339	1.64	1.80	9.3%
Er	2300299	0.858	0.772	10.6%	2300313	0.702	0.762	8.2%	2300324	2.75	2.89	5.0%	2300339	1.13	1.01	11.2%
Eu	2300299	0.225	0.207	8.3%	2300313	0.211	0.245	14.9%	2300324	3.07	2.50	20.5%	2300339	0.58	0.61	5.0%
Fe	2300299	6.33	6.32	0.2%	2300313	6.21	6.13	1.3%	2300313	6.21	6.13	1.3%	2300324	7.46	7.37	1.2%
Ga	2300299	6.30	6.25	0.8%	2300313	8.92	9.28	4.0%	2300324	21.8	22.3	2.3%	2300339	18.2	18.6	2.2%
Gd	2300299	0.99	0.96	3.1%	2300313	0.926	0.838	10.0%	2300324	5.47	5.33	2.6%	2300339	1.76	1.85	5.0%
Ge	2300299	3	3	0.0%	2300313	4	4	0.0%	2300324	2	< 1		2300339	3	4	28.6%
Hf	2300299	< 1	< 1	0.0%	2300313	< 1	< 1	0.0%	2300324	5	5	0.0%	2300339	3	3	0.0%
Ho	2300299	0.238	0.255	6.9%	2300313	0.25	0.26	3.9%	2300324	0.95	0.99	4.1%	2300339	0.368	0.331	10.6%
In	2300299	< 0.2	< 0.2	0.0%	2300313	< 0.2	< 0.2	0.0%	2300324	1.4	1.3	7.4%	2300339	0.2	< 0.2	
K	2300299	< 0.05	< 0.05	0.0%	2300313	1.44	1.41	2.1%	2300313	1.44	1.41	2.1%	2300324	0.07	0.07	0.0%
La	2300299	0.6	0.8	28.6%	2300313	0.8	0.8	0.0%	2300324	41.6	42.4	1.9%	2300339	8.8	7.9	10.8%
Li	2300299	< 10	< 10	0.0%	2300313	53	51	3.8%	2300313	53	51	3.8%	2300324	< 10	< 10	0.0%
Lu	2300299	0.12	0.09	28.6%	2300313	0.10	0.09	10.5%	2300324	0.47	0.47	0.0%	2300339	0.20	0.19	5.1%
Mg	2300299	13.2	13.4	1.5%	2300313	11.3	11.4	0.9%	2300313	11.3	11.4	0.9%	2300324	1.04	1.05	1.0%
Mn	2300299	1200	1200	0.0%	2300313	1310	1290	1.5%	2300313	1310	1290	1.5%	2300324	488	479	1.9%
Mo	2300299	< 2	< 2	0.0%	2300313	< 2	< 2	0.0%	2300324	218	215	1.4%	2300339	11	10	9.5%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

Nb	2300299	< 1	< 1	0.0%	2300313	< 1	< 1	0.0%	2300324	11	12	8.7%	2300339	3	3	0.0%
Nd	2300299	1.66	1.57	5.6%	2300313	1.5	1.7	12.5%	2300324	34.5	37.3	7.8%	2300339	8.2	8.7	5.9%
Ni	2300299	1370	1410	2.9%	2300313	1000	1010	1.0%	2300313	1000	1010	1.0%	2300324	285	289	1.4%
P	2300299	0.02	0.02	0.0%	2300313	< 0.01	< 0.01	0.0%	2300313	< 0.01	< 0.01	0.0%	2300324	0.06	0.06	0.0%
Pb	2300299	< 5	< 5	0.0%	2300313	5	5	0.0%	2300324	42	41	2.4%	2300339	19	20	5.1%
Pr	2300299	0.286	0.305	6.4%	2300313	0.31	0.29	6.7%	2300324	10.1	9.78	3.2%	2300339	2.09	1.90	9.5%
Rb	2300299	0.2	0.4		2300313	62.1	62.4	0.5%	2300324	1.0	0.9	10.5%	2300339	197	190	3.6%
S	2300299	1.08	1.10	1.8%	2300313	0.754	0.766	1.6%	2300313	0.754	0.766	1.6%	2300324	4.00	4.09	2.2%
Sb	2300299	< 0.1	< 0.1	0.0%	2300313	< 0.1	< 0.1	0.0%	2300324	< 0.1	< 0.1	0.0%	2300339	< 0.1	< 0.1	0.0%
Sc	2300299	18	19	5.4%	2300313	18	19	5.4%	2300313	18	19	5.4%	2300324	20	20	0.0%
Si	2300299	21.8	21.7	0.5%	2300313	25.8	25.4	1.6%	2300313	25.8	25.4	1.6%	2300324	28.0	27.8	0.7%
Sm	2300299	0.63	0.67	6.2%	2300313	0.67	0.55	19.7%	2300324	6.4	6.4	0.0%	2300339	1.67	2.06	20.9%
Sn	2300299	< 1	< 1	0.0%	2300313	1	1	0.0%	2300324	5	7		2300339	5	3	
Sr	2300299	49.0	50.1	2.2%	2300313	38.8	38.3	1.3%	2300313	38.8	38.3	1.3%	2300324	340	336	1.2%
Ta	2300299	< 0.5	< 0.5	0.0%	2300313	< 0.5	< 0.5	0.0%	2300324	0.85	0.83	2.4%	2300339	< 0.5	< 0.5	0.0%
Tb	2300299	0.20	0.20	0.0%	2300313	0.155	0.173	11.0%	2300324	0.772	0.799	3.4%	2300339	0.310	0.293	5.6%
Th	2300299	< 0.1	< 0.1	0.0%	2300313	< 0.1	< 0.1	0.0%	2300324	12.0	11.5	4.3%	2300339	5.8	5.9	1.7%
Ti	2300299	0.151	0.143	5.4%	2300313	0.15	0.15	0.0%	2300313	0.15	0.15	0.0%	2300324	0.265	0.263	0.8%
Tl	2300299	< 0.5	< 0.5	0.0%	2300313	1.9	1.9	0.0%	2300324	< 0.5	< 0.5	0.0%	2300339	7.5	7.2	4.1%
Tm	2300299	0.11	0.12	8.7%	2300313	0.116	0.099	15.8%	2300324	0.417	0.413	1.0%	2300339	0.158	0.129	20.2%
U	2300299	< 0.05	< 0.05	0.0%	2300313	0.06	0.08	28.6%	2300324	3.55	3.34	6.1%	2300339	1.59	1.94	19.8%
V	2300299	97	97	0.0%	2300313	102	103	1.0%	2300313	102	103	1.0%	2300324	97	99	2.0%
W	2300299	< 1	< 1	0.0%	2300313	< 1	< 1	0.0%	2300324	< 1	< 1	0.0%	2300339	< 1	< 1	0.0%
Y	2300299	6.6	6.7	1.5%	2300313	6.2	6.5	4.7%	2300324	25.6	25.8	0.8%	2300339	9.7	9.1	6.4%
Yb	2300299	0.8	0.8	0.0%	2300313	0.7	0.7	0.0%	2300324	2.74	2.80	2.2%	2300339	1.03	1.09	5.7%
Zn	2300299	44	40	9.5%	2300313	74	70	5.6%	2300313	74	70	5.6%	2300324	5320	5200	2.3%
Zr	2300299	17.5	17.8	1.7%	2300313	13.7	13.4	2.2%	2300324	189	186	1.6%	2300339	101	104	2.9%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O729238

PROJECT: 2021 SURIMEAU DDH BATCH 13

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.3	98%	90% - 110%					6.94	6.69	96%	90% - 110%				
As	26	26	101%	90% - 110%												
Ba	540	517	96%	90% - 110%									1310	1285	98%	90% - 110%
Be	4.0	4.6	115%	90% - 110%												
Ca	0.907	0.861	95%	90% - 110%					4.01	3.8	95%	90% - 110%				
Ce	98	102	104%	90% - 110%	58.2	59.3	101%	90% - 110%								
Co	15	15	102%	90% - 110%												
Cu	150	159	106%	90% - 110%									6.4	5.5	85%	90% - 110%
Er	3.7	3.9	107%	90% - 110%												
Fe	3.77	3.85	102%	90% - 110%					7.56	7.44	98%	90% - 110%				
Ga					22.6	23.3	103%	90% - 110%								
Hf	11	10	93%	90% - 110%												
K	2.55	2.6	102%	90% - 110%					2.02	2.02	100%	90% - 110%				
La	44	45	102%	90% - 110%	27.5	29.8	108%	90% - 110%								
Li	47	51	110%	90% - 110%									65.0	68.7	106%	90% - 110%
Lu	0.6	0.5	92%	90% - 110%												
Mg	1.1	1	92%	90% - 110%					2.41	2.23	93%	90% - 110%				
Mn	780	772	99%	90% - 110%												
Mo	14	14	97%	90% - 110%												
Nb	20	19	96%	90% - 110%	22.6	24.3	107%	90% - 110%								
Nd					27.3	29.6	108%	90% - 110%								
Ni	32	33	103%	90% - 110%												
P													0.061	0.058	95%	90% - 110%
Pb	31	34	110%	90% - 110%												
Rb	144	148	103%	90% - 110%	85.4	85.9	100%	90% - 110%								
Sc	12	12	102%	90% - 110%												
Si	28.4	30.8	108%	90% - 110%					23.65	24.74	105%	90% - 110%				
Sm	7.4	8.4	114%	90% - 110%												
Sr	144	155	107%	90% - 110%									310	317	102%	90% - 110%
Tb	1.2	1.2	99%	90% - 110%												
Th	18.4	19.9	108%	90% - 110%												

AGAT Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O729238

PROJECT: 2021 SURIMEAU DDH BATCH 13

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

Ti	0.527	0.524	99%	90% - 110%									0.222	0.212	96%	90% - 110%
U	5.7	5.5	96%	90% - 110%												
V	77	75	98%	90% - 110%												
W	5	6	111%	90% - 110%												
Y	40	36	90%	90% - 110%	25.3	27.2	108%	90% - 110%								
Yb					2.66	3.2	120%	90% - 110%								
Zn	130	119	91%	90% - 110%									75.4	81.7	108%	90% - 110%
Zr	390	387	99%	90% - 110%	157	155	98%	90% - 110%								
	CRM #5 (ref.GTS-2a)				CRM #6 (ref.CGL-015)											
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Al	6.94	6.69	96%	90% - 110%	13.0	12.4	95%	90% - 110%								
Ba					1310	1285	98%	90% - 110%								
Ca	4.01	3.8	95%	90% - 110%	1.42	1.31	93%	90% - 110%								
Cu					6.4	5.5	85%	90% - 110%								
Fe	7.56	7.44	98%	90% - 110%	3.27	3.23	99%	90% - 110%								
K	2.02	2.02	100%	90% - 110%	3.68	3.76	102%	90% - 110%								
Li					65.0	68.7	106%	90% - 110%								
Mg	2.41	2.23	93%	90% - 110%												
P					0.061	0.058	95%	90% - 110%								
Si	23.65	24.74	105%	90% - 110%	24.4	26.1	107%	90% - 110%								
Sr					310	317	102%	90% - 110%								
Ti					0.222	0.212	96%	90% - 110%								
Zn					75.4	81.7	108%	90% - 110%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O729238

PROJECT: 2021 SURIMEAU DDH BATCH 13

ATTENTION TO: Brian Newton, Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O729238

PROJECT: 2021 SURIMEAU DDH BATCH 13

ATTENTION TO: Brian Newton, Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O729238

PROJECT: 2021 SURIMEAU DDH BATCH 13

ATTENTION TO: Brian Newton, Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Brian Newton, Francis Newton

PROJECT: 2021 Surimeau DDH Batch 11

AGAT WORK ORDER: 21O729239

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Jul 21, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729239

PROJECT: 2021 Surimeau DDH Batch 11

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
46001 (2300651)	5.65
46002 (2300652)	0.89
46003 (2300653)	4.94
46004 (2300654)	4.32
46005 (2300655)	5.07
46006 (2300656)	5.11
46007 (2300657)	5.17
46008 (2300658)	4.85
46009 (2300659)	4.99
46010 (2300660)	4.89
46011 (2300661)	3.25
46012C-DUP (2300662)	-
46013 (2300663)	5.12
46014 (2300664)	2.61
46015 (2300665)	2.69
46016 (2300666)	5.10
46017 (2300667)	3.80
46018 (2300668)	2.30
46019 (2300669)	4.10
46020 (2300670)	4.90
46021 (2300671)	4.79
46022 (2300672)	0.89
46023 (2300673)	5.16
46024 (2300674)	4.37
46025 (2300675)	4.66
46026 (2300676)	5.79
46027 (2300677)	4.69
46028 (2300678)	5.19
46029 (2300679)	4.79
46030 (2300680)	4.97
46031 (2300681)	3.58

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729239

PROJECT: 2021 Surimeau DDH Batch 11

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
46032 (2300682)	5.13
46033 (2300683)	5.26
46034 (2300684)	4.58
46035 (2300685)	5.21
46036 (2300686)	4.43
46037 (2300687)	4.88
46038 (2300688)	5.36
46039 (2300689)	5.04
46040 (2300690)	4.88
46041 (2300691)	2.78
46042 (2300692)	1.80
46043 (2300693)	4.98
46044 (2300694)	4.91
46045C-DUP (2300695)	-
46046 (2300696)	4.73
46047 (2300697)	4.76
46048 (2300698)	4.93
46049 (2300699)	4.32
46050 (2300700)	2.65

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729239

PROJECT: 2021 Surimeau DDH Batch 11

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
46001 (2300651)	<1	3.09	<5	<20	2.2	<5	0.3	4.68	<0.2	1.8	99.9	0.240	0.1	49
46002 (2300652)	<1	0.06	<5	<20	26.2	<5	<0.1	37.1	<0.2	0.9	0.8	<0.005	<0.1	<5
46003 (2300653)	<1	4.40	<5	<20	<0.5	<5	<0.1	5.05	<0.2	2.2	89.0	0.268	0.2	86
46004 (2300654)	<1	3.56	<5	<20	1.5	<5	0.2	5.07	<0.2	1.6	96.0	0.253	0.4	55
46005 (2300655)	<1	2.93	<5	<20	1.6	<5	0.3	4.44	<0.2	1.2	92.6	0.209	0.4	22
46006 (2300656)	<1	3.14	<5	<20	0.9	<5	0.3	3.82	<0.2	1.3	92.6	0.229	0.2	7
46007 (2300657)	<1	3.43	<5	<20	1.2	<5	0.2	3.94	0.2	1.1	96.0	0.237	0.1	41
46008 (2300658)	<1	3.15	<5	<20	1.3	<5	0.2	4.91	<0.2	1.7	92.0	0.225	0.3	65
46009 (2300659)	<1	3.16	<5	<20	<0.5	<5	0.4	4.43	<0.2	1.3	97.6	0.228	0.2	51
46010 (2300660)	<1	3.09	<5	<20	0.9	<5	0.3	5.22	<0.2	1.6	88.9	0.216	0.3	55
46011 (2300661)	<1	2.83	<5	<20	0.6	<5	0.3	5.31	<0.2	1.0	91.7	0.203	<0.1	43
46012C-DUP (2300662)	<1	2.79	<5	<20	1.3	<5	0.3	5.32	<0.2	0.9	90.1	0.200	<0.1	44
46013 (2300663)	<1	3.33	<5	<20	22.9	<5	0.6	5.25	0.2	1.5	94.5	0.231	1.3	80
46014 (2300664)	<1	3.18	<5	<20	3.0	<5	0.6	4.12	<0.2	1.1	86.1	0.216	0.2	34
46015 (2300665)	<1	3.37	<5	<20	1.8	<5	0.7	4.30	<0.2	1.0	95.5	0.236	0.2	46
46016 (2300666)	2	2.60	<5	<20	1.6	<5	0.7	6.02	0.4	1.2	93.3	0.207	0.3	69
46017 (2300667)	<1	2.30	<5	<20	0.6	<5	0.3	6.10	<0.2	1.1	72.6	0.151	0.2	47
46018 (2300668)	<1	0.43	<5	<20	7.3	<5	0.1	24.3	0.2	5.3	25.6	0.049	<0.1	16
46019 (2300669)	<1	3.48	<5	<20	1.0	<5	0.5	5.23	<0.2	0.9	92.2	0.241	0.3	84
46020 (2300670)	<1	3.11	<5	<20	3.1	<5	0.7	5.17	<0.2	1.3	93.8	0.225	0.2	39
46021 (2300671)	<1	3.23	<5	<20	2.3	<5	0.6	5.48	0.4	1.1	90.4	0.223	0.3	60
46022 (2300672)	<1	0.04	<5	<20	22.5	<5	<0.1	35.8	<0.2	1.0	0.7	<0.005	<0.1	<5
46023 (2300673)	<1	3.26	<5	<20	3.5	<5	0.4	5.32	<0.2	2.3	86.6	0.219	0.5	37
46024 (2300674)	1	3.54	<5	<20	1.6	<5	0.4	5.04	0.2	1.9	90.7	0.232	0.3	54
46025 (2300675)	<1	3.00	<5	<20	2.4	<5	0.6	4.55	<0.2	1.5	90.7	0.211	0.7	15
46026 (2300676)	<1	3.42	<5	<20	2.2	<5	0.4	4.35	0.3	1.4	87.9	0.229	0.5	49
46027 (2300677)	<1	2.90	<5	<20	1.4	<5	0.7	4.25	<0.2	1.1	91.9	0.206	0.4	12
46028 (2300678)	2	2.87	<5	<20	2.8	<5	0.5	6.20	0.5	2.6	86.4	0.201	0.7	49
46029 (2300679)	<1	3.18	<5	<20	1.7	<5	0.5	5.67	0.2	2.1	92.3	0.223	0.6	41
46030 (2300680)	<1	3.09	<5	<20	3.1	<5	0.8	4.01	0.3	1.4	93.3	0.225	0.9	18
46031 (2300681)	<1	3.06	<5	<20	4.8	<5	0.4	5.88	<0.2	1.5	87.5	0.214	0.4	86
46032 (2300682)	<1	3.95	<5	<20	3.4	<5	0.3	4.11	0.4	1.4	93.5	0.263	0.9	61

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729239

PROJECT: 2021 Surimeau DDH Batch 11

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
46033 (2300683)	<1	3.32	<5	<20	3.6	<5	0.7	4.29	<0.2	1.7	98.5	0.239	0.7	39
46034 (2300684)	<1	3.83	<5	<20	42.5	<5	0.7	4.52	0.5	1.2	96.5	0.236	2.7	57
46035 (2300685)	<1	3.45	<5	<20	5.1	<5	0.4	5.15	<0.2	1.4	92.3	0.238	0.5	46
46036 (2300686)	<1	3.35	<5	<20	3.2	<5	0.4	4.79	<0.2	1.1	90.9	0.254	0.4	41
46037 (2300687)	<1	3.17	<5	<20	3.6	<5	0.7	4.21	0.2	1.1	95.0	0.235	0.5	22
46038 (2300688)	1	3.19	<5	<20	3.3	<5	0.6	5.32	<0.2	1.2	93.3	0.227	0.5	51
46039 (2300689)	1	3.77	<5	<20	21.8	<5	0.5	5.80	<0.2	1.3	90.5	0.228	0.8	47
46040 (2300690)	1	3.29	<5	<20	2.0	<5	0.4	4.78	<0.2	1.7	94.2	0.236	<0.1	60
46041 (2300691)	<1	3.07	<5	<20	1.0	<5	0.6	3.79	0.2	1.2	94.7	0.206	0.4	13
46042 (2300692)	<1	2.97	<5	<20	1.1	<5	0.7	3.71	0.3	1.3	95.2	0.214	0.4	12
46043 (2300693)	<1	3.08	<5	<20	1.2	<5	0.8	4.92	<0.2	1.8	96.6	0.214	0.3	43
46044 (2300694)	<1	3.45	<5	<20	1.1	<5	0.6	3.51	<0.2	1.1	90.1	0.220	0.5	71
46045C-DUP (2300695)	<1	3.54	<5	<20	1.5	<5	0.4	4.07	<0.2	1.4	95.8	0.235	0.5	78
46046 (2300696)	<1	3.02	<5	<20	1.6	<5	0.7	4.19	<0.2	1.3	93.3	0.222	0.6	31
46047 (2300697)	<1	3.13	<5	<20	1.5	<5	0.5	4.63	<0.2	1.6	89.2	0.220	0.4	30
46048 (2300698)	<1	2.92	<5	<20	1.2	<5	0.5	6.42	<0.2	2.1	90.2	0.217	0.3	71
46049 (2300699)	<1	2.84	<5	<20	1.7	<5	0.4	5.87	0.3	1.6	84.6	0.191	0.6	57
46050 (2300700)	<1	3.55	<5	<20	0.7	<5	0.5	5.06	<0.2	1.2	91.7	0.221	0.4	43

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729239

PROJECT: 2021 Surimeau DDH Batch 11

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
46001 (2300651)	1.44	0.71	0.10	7.30	7.78	0.80	<1	<1	0.21	<0.2	<0.05	0.7	<10	0.11
46002 (2300652)	0.14	0.08	<0.05	0.12	0.20	0.15	<1	<1	0.06	<0.2	<0.05	1.1	<10	<0.05
46003 (2300653)	1.85	0.98	0.42	8.63	9.62	1.23	1	<1	0.34	<0.2	<0.05	0.7	<10	0.18
46004 (2300654)	1.34	0.71	0.08	7.85	8.50	0.86	2	<1	0.29	<0.2	<0.05	0.4	<10	0.09
46005 (2300655)	1.14	0.82	0.06	7.24	7.32	0.77	2	<1	0.29	<0.2	<0.05	0.6	<10	0.12
46006 (2300656)	1.17	0.67	0.14	7.07	7.81	0.82	2	<1	0.24	<0.2	<0.05	0.4	<10	0.11
46007 (2300657)	1.14	0.63	<0.05	7.76	8.22	0.76	2	<1	0.22	<0.2	<0.05	0.5	<10	0.12
46008 (2300658)	1.28	0.82	<0.05	7.18	7.61	0.81	2	<1	0.20	<0.2	<0.05	0.3	<10	0.13
46009 (2300659)	0.99	0.66	<0.05	7.33	8.07	0.78	2	<1	0.24	<0.2	<0.05	0.4	<10	0.11
46010 (2300660)	1.33	0.61	<0.05	7.35	7.27	0.81	2	<1	0.30	<0.2	<0.05	0.4	<10	0.14
46011 (2300661)	1.07	0.62	<0.05	6.79	7.34	0.66	3	<1	0.26	<0.2	<0.05	0.2	<10	0.05
46012C-DUP (2300662)	1.07	0.57	<0.05	6.76	7.07	0.69	3	<1	0.16	<0.2	<0.05	0.3	<10	0.08
46013 (2300663)	1.28	0.66	<0.05	7.24	8.90	0.78	2	<1	0.26	<0.2	0.16	0.3	<10	0.11
46014 (2300664)	1.44	0.84	<0.05	7.32	7.95	0.80	2	<1	0.30	<0.2	<0.05	0.4	<10	0.10
46015 (2300665)	1.21	0.55	0.06	7.58	8.37	0.80	2	<1	0.22	<0.2	<0.05	0.3	<10	0.09
46016 (2300666)	1.11	0.58	0.27	6.57	6.66	0.68	2	<1	0.24	<0.2	<0.05	0.3	<10	0.14
46017 (2300667)	1.37	0.61	0.13	6.07	5.78	0.75	2	<1	0.20	<0.2	<0.05	0.3	<10	0.08
46018 (2300668)	1.99	1.14	1.60	3.05	1.47	1.51	<1	<1	0.39	<0.2	<0.05	2.7	<10	0.18
46019 (2300669)	0.98	0.63	0.22	7.23	8.74	0.61	2	<1	0.24	<0.2	<0.05	0.3	<10	0.06
46020 (2300670)	0.94	0.51	0.06	7.01	8.25	0.65	2	<1	0.22	<0.2	<0.05	0.3	<10	0.07
46021 (2300671)	1.07	0.75	0.21	7.24	7.69	0.77	1	<1	0.26	<0.2	<0.05	0.3	<10	0.10
46022 (2300672)	0.24	<0.05	<0.05	0.12	0.18	0.18	<1	<1	<0.05	<0.2	<0.05	1.0	<10	<0.05
46023 (2300673)	1.39	0.73	0.08	7.28	8.20	0.96	1	<1	0.29	<0.2	<0.05	0.9	<10	0.12
46024 (2300674)	1.25	0.87	0.13	7.65	8.25	0.93	2	<1	0.25	<0.2	<0.05	0.7	<10	0.11
46025 (2300675)	1.12	0.76	0.10	6.99	7.53	0.80	1	<1	0.23	<0.2	<0.05	0.6	<10	0.13
46026 (2300676)	1.25	0.55	0.18	7.76	7.85	0.97	1	<1	0.26	<0.2	<0.05	0.4	<10	0.15
46027 (2300677)	1.15	0.69	<0.05	6.75	7.45	0.73	2	<1	0.23	<0.2	<0.05	0.6	<10	0.09
46028 (2300678)	1.54	0.91	0.51	6.75	6.58	1.10	1	<1	0.28	<0.2	<0.05	0.9	<10	0.14
46029 (2300679)	1.52	1.08	0.27	7.07	7.64	0.94	1	<1	0.28	<0.2	<0.05	1.0	<10	0.14
46030 (2300680)	1.55	0.70	0.21	7.19	7.58	0.76	2	<1	0.26	<0.2	<0.05	0.5	<10	0.12
46031 (2300681)	1.16	0.89	0.16	7.18	7.08	0.80	2	1	0.30	<0.2	<0.05	0.6	<10	0.09
46032 (2300682)	1.53	0.84	0.06	7.92	8.91	0.85	2	<1	0.28	<0.2	<0.05	0.5	<10	0.11

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729239

PROJECT: 2021 Surimeau DDH Batch 11

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
46033 (2300683)	0.95	0.67	<0.05	7.54	8.90	0.75	2	<1	0.23	<0.2	<0.05	0.6	<10	0.08
46034 (2300684)	1.20	0.59	0.26	7.03	10.8	0.77	2	<1	0.25	<0.2	0.20	0.5	<10	0.10
46035 (2300685)	1.14	0.57	0.14	7.34	8.32	0.75	2	<1	0.23	<0.2	<0.05	0.6	<10	0.06
46036 (2300686)	1.48	0.69	0.07	7.42	7.94	0.78	1	<1	0.27	<0.2	<0.05	0.3	<10	0.15
46037 (2300687)	1.09	0.76	0.11	7.38	8.19	0.66	1	<1	0.25	<0.2	<0.05	0.4	<10	0.06
46038 (2300688)	1.40	0.77	0.09	7.14	8.07	0.81	1	<1	0.21	<0.2	<0.05	0.4	<10	0.14
46039 (2300689)	1.45	0.84	0.29	7.63	9.00	1.01	1	<1	0.31	<0.2	0.08	0.5	<10	0.10
46040 (2300690)	1.38	0.73	0.16	7.57	8.12	0.85	2	<1	0.34	<0.2	<0.05	0.5	<10	0.10
46041 (2300691)	1.13	0.65	0.13	7.01	7.62	0.76	1	<1	0.22	<0.2	<0.05	0.5	<10	0.06
46042 (2300692)	1.09	0.63	<0.05	7.24	7.41	0.72	1	<1	0.25	<0.2	<0.05	0.4	<10	0.05
46043 (2300693)	1.38	0.68	0.17	6.94	7.20	0.90	1	<1	0.27	<0.2	<0.05	0.4	<10	0.12
46044 (2300694)	1.39	0.55	1.56	6.91	8.20	0.69	2	<1	0.25	<0.2	<0.05	0.4	<10	0.08
46045C-DUP (2300695)	0.94	0.78	0.17	7.46	8.39	0.83	2	<1	0.30	<0.2	<0.05	0.3	<10	0.12
46046 (2300696)	0.86	0.79	<0.05	7.04	7.56	0.83	2	<1	0.32	<0.2	<0.05	0.5	<10	0.17
46047 (2300697)	1.08	0.96	0.12	7.26	7.39	0.82	2	<1	0.29	<0.2	<0.05	0.5	<10	0.10
46048 (2300698)	1.64	0.91	0.23	7.10	6.95	1.06	2	<1	0.37	<0.2	<0.05	0.6	<10	0.13
46049 (2300699)	1.60	0.82	0.28	6.90	7.15	0.95	2	<1	0.29	<0.2	<0.05	0.5	<10	0.12
46050 (2300700)	1.30	0.63	0.33	7.43	9.17	0.78	2	<1	0.24	<0.2	<0.05	0.3	<10	0.11

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729239

PROJECT: 2021 Surimeau DDH Batch 11

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
46001 (2300651)	15.8	1290	<2	<1	1.3	1400	<0.01	<5	0.26	0.4	0.16	<0.1	23	20.3
46002 (2300652)	1.35	100	<2	<1	0.5	9	<0.01	<5	0.18	<0.2	0.50	<0.1	<5	3.74
46003 (2300653)	13.8	1510	<2	<1	2.4	745	<0.01	<5	0.38	0.4	0.48	<0.1	30	19.3
46004 (2300654)	15.4	1300	<2	<1	1.2	1230	<0.01	<5	0.16	<0.2	0.46	<0.1	25	22.3
46005 (2300655)	16.6	1220	<2	<1	1.3	1370	<0.01	<5	0.27	0.4	0.20	<0.1	21	21.4
46006 (2300656)	16.6	1130	<2	<1	1.4	1280	<0.01	<5	0.15	0.3	0.11	<0.1	21	21.1
46007 (2300657)	16.4	1230	<2	<1	1.2	1260	<0.01	<5	0.27	<0.2	0.34	<0.1	24	20.7
46008 (2300658)	14.8	1110	<2	<1	1.5	1220	<0.01	<5	0.21	<0.2	0.69	<0.1	23	20.7
46009 (2300659)	15.8	1130	<2	<1	1.5	1380	<0.01	<5	0.18	0.2	0.72	<0.1	23	20.7
46010 (2300660)	15.3	1150	<2	<1	1.4	1280	<0.01	<5	0.15	<0.2	0.74	<0.1	22	21.1
46011 (2300661)	15.3	1080	<2	<1	0.9	1400	<0.01	<5	0.22	<0.2	0.65	<0.1	19	22.7
46012C-DUP (2300662)	14.8	1070	<2	<1	1.0	1400	<0.01	<5	0.18	<0.2	0.65	<0.1	19	22.8
46013 (2300663)	14.6	1240	<2	<1	1.5	1340	<0.01	<5	0.19	7.8	0.58	<0.1	23	21.5
46014 (2300664)	14.8	1220	<2	<1	1.0	999	<0.01	<5	0.17	0.8	0.24	<0.1	24	21.1
46015 (2300665)	15.4	1280	<2	<1	1.4	1270	<0.01	<5	0.12	0.5	0.29	<0.1	24	20.6
46016 (2300666)	15.9	1210	<2	<1	0.9	1380	<0.01	<5	0.24	0.5	0.44	<0.1	20	22.2
46017 (2300667)	14.1	1140	<2	<1	1.1	918	<0.01	<5	0.16	<0.2	0.29	<0.1	16	23.3
46018 (2300668)	6.60	2420	<2	<1	3.4	265	<0.01	17	0.70	<0.2	0.43	<0.1	6	9.75
46019 (2300669)	14.8	1210	<2	<1	1.0	1410	<0.01	<5	0.24	1.2	0.48	<0.1	24	20.2
46020 (2300670)	15.6	1200	<2	<1	1.1	1430	<0.01	<5	0.24	0.9	0.28	<0.1	22	20.0
46021 (2300671)	15.0	1170	<2	<1	0.8	1290	<0.01	<5	0.15	0.3	0.40	<0.1	23	19.9
46022 (2300672)	1.82	96	<2	<1	0.8	7	<0.01	<5	0.20	<0.2	0.52	<0.1	<5	4.18
46023 (2300673)	14.8	1190	<2	<1	2.2	1120	<0.01	<5	0.24	<0.2	0.28	<0.1	24	20.3
46024 (2300674)	15.4	1170	<2	<1	1.7	1190	<0.01	<5	0.37	0.6	0.36	<0.1	24	20.5
46025 (2300675)	16.2	1220	<2	<1	1.8	1290	<0.01	7	0.34	1.0	0.13	<0.1	21	20.4
46026 (2300676)	16.9	1240	<2	<1	1.5	1180	<0.01	<5	0.37	<0.2	0.21	<0.1	25	20.8
46027 (2300677)	16.1	1160	<2	<1	0.8	1340	<0.01	<5	0.17	0.6	0.11	<0.1	20	20.2
46028 (2300678)	14.7	1330	<2	<1	2.2	1120	<0.01	<5	0.37	0.5	0.24	<0.1	20	18.8
46029 (2300679)	16.3	1340	<2	<1	1.8	1300	<0.01	<5	0.35	0.6	0.25	<0.1	21	18.2
46030 (2300680)	15.5	1260	<2	<1	0.7	1360	<0.01	<5	0.22	1.1	0.14	<0.1	21	20.2
46031 (2300681)	15.2	1230	<2	<1	1.4	1100	<0.01	5	0.20	1.7	0.33	<0.1	22	19.8
46032 (2300682)	14.5	1240	<2	<1	1.6	1100	<0.01	<5	0.26	1.1	0.41	<0.1	26	19.7

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729239

PROJECT: 2021 Surimeau DDH Batch 11

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
46033 (2300683)	16.0	1300	<2	<1	1.2	1430	<0.01	<5	0.16	1.1	0.29	<0.1	22	20.2
46034 (2300684)	13.1	1190	<2	<1	1.1	1320	<0.01	<5	0.17	10.0	0.30	<0.1	22	20.4
46035 (2300685)	14.4	1120	<2	<1	1.1	1250	<0.01	<5	0.23	0.9	0.31	<0.1	23	20.0
46036 (2300686)	15.0	1130	<2	<1	1.3	1180	<0.01	<5	0.14	<0.2	0.36	<0.1	24	19.9
46037 (2300687)	16.5	1250	<2	<1	0.9	1470	<0.01	<5	0.25	0.8	0.19	<0.1	23	21.0
46038 (2300688)	15.6	1100	<2	<1	1.2	1320	<0.01	<5	0.07	0.8	0.29	<0.1	22	19.8
46039 (2300689)	13.8	1230	<2	<1	1.3	1020	<0.01	<5	0.30	2.5	0.38	<0.1	26	19.6
46040 (2300690)	15.7	1220	<2	<1	1.6	1260	<0.01	<5	0.25	0.3	0.29	<0.1	24	21.2
46041 (2300691)	16.2	1170	<2	<1	1.4	1320	<0.01	<5	0.24	0.4	0.09	<0.1	22	20.2
46042 (2300692)	17.0	1200	<2	<1	1.1	1340	<0.01	<5	0.21	0.6	0.08	<0.1	21	20.6
46043 (2300693)	16.9	1230	<2	<1	2.4	1300	<0.01	<5	0.25	0.8	0.15	<0.1	22	19.3
46044 (2300694)	13.7	1000	<2	<1	1.0	1100	<0.01	<5	0.11	<0.2	0.26	<0.1	23	18.2
46045C-DUP (2300695)	15.5	1110	<2	<1	1.8	1220	<0.01	<5	0.22	0.4	0.31	<0.1	24	19.6
46046 (2300696)	15.1	1190	<2	<1	1.5	1340	<0.01	<5	0.19	1.1	0.18	<0.1	22	20.7
46047 (2300697)	14.9	1280	<2	<1	0.9	1230	<0.01	<5	0.26	0.6	0.20	<0.1	23	21.4
46048 (2300698)	15.7	1360	<2	<1	1.7	1220	<0.01	<5	0.25	<0.2	0.42	<0.1	22	20.1
46049 (2300699)	13.3	1250	<2	<1	1.6	980	<0.01	<5	0.38	<0.2	0.44	<0.1	22	20.4
46050 (2300700)	14.6	1210	<2	<1	1.2	1100	<0.01	<5	0.26	0.7	0.47	<0.1	23	21.7

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729239

PROJECT: 2021 Surimeau DDH Batch 11

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
46001 (2300651)	0.7	<1	82.8	<0.5	0.15	0.1	0.19	<0.5	0.13	<0.05	135	<1	7.8	0.8
46002 (2300652)	0.2	<1	77.3	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.07	<5	<1	2.4	0.1
46003 (2300653)	0.8	1	43.2	<0.5	0.17	0.1	0.25	<0.5	0.17	<0.05	184	<1	11.0	0.9
46004 (2300654)	1.0	<1	30.2	<0.5	0.20	<0.1	0.20	<0.5	0.13	<0.05	151	<1	8.5	0.7
46005 (2300655)	0.3	<1	57.5	<0.5	0.08	<0.1	0.17	<0.5	0.09	<0.05	127	<1	8.6	0.6
46006 (2300656)	0.9	<1	48.6	<0.5	0.11	<0.1	0.18	<0.5	0.10	<0.05	131	<1	7.0	0.8
46007 (2300657)	0.5	<1	39.6	<0.5	0.14	<0.1	0.20	<0.5	0.09	<0.05	149	<1	7.0	0.8
46008 (2300658)	0.7	<1	33.0	<0.5	0.14	<0.1	0.19	<0.5	0.14	<0.05	137	<1	8.2	0.7
46009 (2300659)	0.4	<1	26.2	<0.5	0.13	<0.1	0.18	<0.5	0.10	<0.05	137	<1	6.9	0.7
46010 (2300660)	0.4	<1	33.7	<0.5	0.15	<0.1	0.17	<0.5	0.09	<0.05	134	<1	7.9	0.8
46011 (2300661)	0.3	<1	15.5	<0.5	0.07	<0.1	0.15	<0.5	0.09	<0.05	118	<1	6.0	0.8
46012C-DUP (2300662)	0.4	<1	15.5	<0.5	0.09	<0.1	0.15	<0.5	0.11	<0.05	116	<1	5.6	0.6
46013 (2300663)	0.4	<1	44.6	<0.5	0.11	<0.1	0.18	<0.5	0.12	<0.05	140	<1	7.7	0.8
46014 (2300664)	0.6	<1	48.5	<0.5	0.15	<0.1	0.18	<0.5	0.13	<0.05	137	<1	7.8	0.8
46015 (2300665)	0.2	<1	69.0	<0.5	0.11	<0.1	0.20	<0.5	0.09	<0.05	141	<1	7.4	0.7
46016 (2300666)	0.3	<1	81.5	<0.5	0.09	<0.1	0.15	<0.5	0.13	<0.05	107	<1	6.3	0.5
46017 (2300667)	0.4	<1	54.1	<0.5	0.12	<0.1	0.12	<0.5	0.08	<0.05	96	<1	6.3	0.8
46018 (2300668)	1.5	<1	826	<0.5	0.28	<0.1	0.03	<0.5	0.17	<0.05	36	<1	12.6	1.3
46019 (2300669)	0.4	<1	93.5	<0.5	0.11	<0.1	0.19	<0.5	0.10	<0.05	140	<1	5.7	0.6
46020 (2300670)	0.6	<1	116	<0.5	0.13	<0.1	0.18	<0.5	0.09	<0.05	127	<1	5.7	0.7
46021 (2300671)	0.5	<1	118	<0.5	0.10	<0.1	0.18	<0.5	0.11	<0.05	138	<1	7.2	0.7
46022 (2300672)	0.1	<1	76.1	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.12	<5	<1	2.8	0.1
46023 (2300673)	0.5	<1	96.0	<0.5	0.16	0.3	0.19	<0.5	0.12	0.05	143	<1	8.4	0.8
46024 (2300674)	0.4	<1	77.0	<0.5	0.17	0.1	0.20	<0.5	0.10	<0.05	146	<1	9.0	0.9
46025 (2300675)	0.3	<1	122	<0.5	0.14	<0.1	0.16	<0.5	0.09	<0.05	126	<1	7.6	0.7
46026 (2300676)	0.4	<1	104	<0.5	0.16	<0.1	0.20	<0.5	0.08	<0.05	151	<1	7.8	0.8
46027 (2300677)	0.5	<1	136	<0.5	0.11	<0.1	0.17	<0.5	0.09	<0.05	122	<1	7.0	0.7
46028 (2300678)	0.4	<1	217	<0.5	0.18	<0.1	0.16	<0.5	0.10	<0.05	120	<1	11.5	1.1
46029 (2300679)	0.7	<1	215	<0.5	0.14	<0.1	0.18	<0.5	0.10	<0.05	133	<1	9.2	0.9
46030 (2300680)	0.3	<1	131	<0.5	0.11	<0.1	0.18	<0.5	0.11	<0.05	126	<1	6.6	0.8
46031 (2300681)	0.5	<1	128	<0.5	0.14	<0.1	0.18	<0.5	0.13	<0.05	135	<1	7.8	0.9
46032 (2300682)	0.4	<1	86.2	<0.5	0.19	<0.1	0.21	<0.5	0.11	<0.05	158	<1	6.4	0.9

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729239

PROJECT: 2021 Surimeau DDH Batch 11

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
46033 (2300683)	0.5	<1	109	<0.5	0.13	<0.1	0.19	<0.5	0.08	<0.05	138	<1	7.2	0.7
46034 (2300684)	0.8	<1	91.7	<0.5	0.14	<0.1	0.19	<0.5	0.06	0.13	139	<1	7.0	0.8
46035 (2300685)	0.5	<1	118	<0.5	0.10	<0.1	0.20	<0.5	<0.05	<0.05	143	<1	6.3	0.8
46036 (2300686)	0.3	<1	77.4	<0.5	0.09	0.1	0.19	<0.5	0.11	<0.05	146	<1	8.3	0.9
46037 (2300687)	0.2	<1	97.2	<0.5	0.06	<0.1	0.17	<0.5	0.08	<0.05	137	<1	6.6	0.7
46038 (2300688)	0.5	<1	123	<0.5	0.12	<0.1	0.18	<0.5	0.12	<0.05	138	<1	7.3	0.7
46039 (2300689)	1.0	2	73.6	<0.5	0.17	<0.1	0.23	<0.5	0.11	<0.05	154	<1	8.9	0.9
46040 (2300690)	0.4	<1	63.7	<0.5	0.14	<0.1	0.20	<0.5	0.11	<0.05	146	<1	8.2	0.9
46041 (2300691)	0.5	<1	92.0	<0.5	0.14	<0.1	0.17	<0.5	0.11	<0.05	130	<1	6.9	0.7
46042 (2300692)	0.4	<1	99.9	<0.5	0.11	<0.1	0.18	<0.5	0.11	<0.05	125	<1	7.2	0.8
46043 (2300693)	0.4	<1	145	<0.5	0.19	<0.1	0.18	<0.5	0.13	<0.05	126	<1	8.5	0.8
46044 (2300694)	0.5	<1	54.2	<0.5	0.11	<0.1	0.19	<0.5	0.07	<0.05	142	<1	6.2	0.9
46045C-DUP (2300695)	0.7	2	68.0	<0.5	0.09	<0.1	0.20	<0.5	0.12	<0.05	152	<1	7.7	0.8
46046 (2300696)	0.5	<1	71.6	<0.5	0.12	<0.1	0.18	<0.5	0.08	<0.05	132	<1	8.1	0.8
46047 (2300697)	0.9	1	72.0	<0.5	0.15	<0.1	0.18	<0.5	0.12	<0.05	130	<1	6.7	0.7
46048 (2300698)	1.0	<1	115	<0.5	0.11	<0.1	0.18	<0.5	0.14	<0.05	125	<1	9.0	0.9
46049 (2300699)	0.5	<1	66.9	<0.5	0.14	<0.1	0.16	<0.5	0.10	<0.05	126	<1	8.2	0.8
46050 (2300700)	1.0	2	31.4	<0.5	0.14	<0.1	0.21	<0.5	0.09	<0.05	140	<1	6.4	0.8

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729239

PROJECT: 2021 Surimeau DDH Batch 11

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
46001 (2300651)	55	18.7
46002 (2300652)	<5	3.7
46003 (2300653)	72	21.1
46004 (2300654)	62	15.8
46005 (2300655)	59	13.4
46006 (2300656)	54	19.8
46007 (2300657)	54	17.8
46008 (2300658)	52	16.3
46009 (2300659)	55	16.0
46010 (2300660)	52	14.7
46011 (2300661)	48	13.5
46012C-DUP (2300662)	47	14.0
46013 (2300663)	58	18.1
46014 (2300664)	59	16.1
46015 (2300665)	56	16.6
46016 (2300666)	48	13.1
46017 (2300667)	47	15.5
46018 (2300668)	19	6.9
46019 (2300669)	54	20.6
46020 (2300670)	52	16.2
46021 (2300671)	54	15.4
46022 (2300672)	<5	2.7
46023 (2300673)	56	19.6
46024 (2300674)	56	15.1
46025 (2300675)	49	17.3
46026 (2300676)	50	13.4
46027 (2300677)	50	14.3
46028 (2300678)	48	14.5
46029 (2300679)	44	14.0
46030 (2300680)	56	17.8
46031 (2300681)	60	37.1
46032 (2300682)	60	17.0

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729239

PROJECT: 2021 Surimeau DDH Batch 11

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
46033 (2300683)	63	15.8
46034 (2300684)	66	27.1
46035 (2300685)	52	18.3
46036 (2300686)	54	18.5
46037 (2300687)	58	18.2
46038 (2300688)	48	14.3
46039 (2300689)	57	21.4
46040 (2300690)	54	18.5
46041 (2300691)	54	13.1
46042 (2300692)	53	15.3
46043 (2300693)	47	18.4
46044 (2300694)	48	21.7
46045C-DUP (2300695)	53	14.8
46046 (2300696)	57	13.7
46047 (2300697)	59	11.1
46048 (2300698)	50	15.6
46049 (2300699)	47	17.7
46050 (2300700)	58	16.2

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729239

PROJECT: 2021 Surimeau DDH Batch 11

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
46001 (2300651)	75.51
46020 (2300670)	83.66
46040 (2300690)	78.41

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729239

PROJECT: 2021 Surimeau DDH Batch 11

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
46001 (2300651)	86.21

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Certified By:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2300651	< 1	< 1	0.0%	2300665	< 1	< 1	0.0%	2300676	< 1	< 1	0.0%	2300691	< 1	< 1	0.0%
Al	2300651	3.09	3.04	1.6%	2300665	3.37	3.29	2.4%	2300676	3.42	3.45	0.9%	2300691	3.07	3.07	0.0%
As	2300651	< 5	< 5	0.0%	2300665	< 5	< 5	0.0%	2300676	< 5	< 5	0.0%	2300691	< 5	< 5	0.0%
B	2300651	< 20	< 20	0.0%	2300665	< 20	< 20	0.0%	2300676	< 20	< 20	0.0%	2300691	< 20	< 20	0.0%
Ba	2300651	2.2	1.9	14.6%	2300665	1.8	1.8	0.0%	2300676	2.2	1.6		2300691	1.0	2	
Be	2300651	< 5	< 5	0.0%	2300665	< 5	< 5	0.0%	2300676	< 5	< 5	0.0%	2300691	< 5	< 5	0.0%
Bi	2300651	0.3	0.3	0.0%	2300665	0.7	0.7	0.0%	2300676	0.4	0.5	22.2%	2300691	0.6	0.6	0.0%
Ca	2300651	4.68	4.63	1.1%	2300665	4.30	4.23	1.6%	2300676	4.35	4.22	3.0%	2300691	3.79	3.92	3.4%
Cd	2300651	< 0.2	< 0.2	0.0%	2300665	< 0.2	0.2		2300676	0.3	< 0.2		2300691	0.24	0.30	22.2%
Ce	2300651	1.80	1.51	17.5%	2300665	1.0	1.2	18.2%	2300676	1.36	1.45	6.4%	2300691	1.22	1.48	19.3%
Co	2300651	99.9	96.6	3.4%	2300665	95.5	93.5	2.1%	2300676	87.9	93.8	6.5%	2300691	94.7	92.8	2.0%
Cr	2300651	0.240	0.239	0.4%	2300665	0.236	0.241	2.1%	2300676	0.229	0.229	0.0%	2300691	0.206	0.218	5.7%
Cs	2300651	0.1	< 0.1		2300665	0.2	0.4		2300676	0.5	0.2		2300691	0.4	0.5	22.2%
Cu	2300651	49	43	13.0%	2300665	46	48	4.3%	2300676	49	50	2.0%	2300691	13	13	0.0%
Dy	2300651	1.44	1.24	14.9%	2300665	1.21	1.03	16.1%	2300676	1.25	1.30	3.9%	2300691	1.13	1.17	3.5%
Er	2300651	0.714	0.644	10.3%	2300665	0.554	0.627	12.4%	2300676	0.55	0.60	8.7%	2300691	0.65	0.64	1.6%
Eu	2300651	0.10	0.16		2300665	0.06	0.08	28.6%	2300676	0.180	0.171	5.1%	2300691	0.13	0.17	26.7%
Fe	2300651	7.30	7.23	1.0%	2300665	7.58	7.43	2.0%	2300676	7.76	7.52	3.1%	2300691	7.01	7.23	3.1%
Ga	2300651	7.78	7.42	4.7%	2300665	8.37	8.42	0.6%	2300676	7.85	7.87	0.3%	2300691	7.62	7.78	2.1%
Gd	2300651	0.800	0.835	4.3%	2300665	0.80	0.79	1.3%	2300676	0.968	0.924	4.7%	2300691	0.76	0.77	1.3%
Ge	2300651	< 1	1		2300665	2	2	0.0%	2300676	1	1	0.0%	2300691	1	2	
Hf	2300651	< 1	< 1	0.0%	2300665	< 1	< 1	0.0%	2300676	< 1	< 1	0.0%	2300691	< 1	< 1	0.0%
Ho	2300651	0.21	0.23	9.1%	2300665	0.22	0.30		2300676	0.26	0.32	20.7%	2300691	0.22	0.26	16.7%
In	2300651	< 0.2	< 0.2	0.0%	2300665	< 0.2	< 0.2	0.0%	2300676	< 0.2	< 0.2	0.0%	2300691	< 0.2	< 0.2	0.0%
K	2300651	< 0.05	< 0.05	0.0%	2300665	< 0.05	< 0.05	0.0%	2300676	< 0.05	< 0.05	0.0%	2300691	< 0.05	< 0.05	0.0%
La	2300651	0.7	0.7	0.0%	2300665	0.3	0.3	0.0%	2300676	0.4	0.4	0.0%	2300691	0.53	0.43	20.8%
Li	2300651	< 10	< 10	0.0%	2300665	< 10	< 10	0.0%	2300676	< 10	< 10	0.0%	2300691	< 10	< 10	0.0%
Lu	2300651	0.11	0.11	0.0%	2300665	0.09	0.13		2300676	0.154	0.169	9.3%	2300691	0.06	0.09	
Mg	2300651	15.8	15.6	1.3%	2300665	15.4	15.6	1.3%	2300676	16.9	15.6	8.0%	2300691	16.2	16.5	1.8%
Mn	2300651	1290	1280	0.8%	2300665	1280	1250	2.4%	2300676	1240	1190	4.1%	2300691	1170	1220	4.2%
Mo	2300651	< 2	< 2	0.0%	2300665	< 2	< 2	0.0%	2300676	< 2	< 2	0.0%	2300691	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

Nb	2300651	< 1	< 1	0.0%	2300665	< 1	< 1	0.0%	2300676	< 1	< 1	0.0%	2300691	< 1	< 1	0.0%
Nd	2300651	1.3	1.7	26.7%	2300665	1.36	1.12	19.4%	2300676	1.5	1.2	22.2%	2300691	1.4	1.2	15.4%
Ni	2300651	1400	1380	1.4%	2300665	1270	1230	3.2%	2300676	1180	1170	0.9%	2300691	1320	1360	3.0%
P	2300651	< 0.01	< 0.01	0.0%	2300665	< 0.01	< 0.01	0.0%	2300676	< 0.01	< 0.01	0.0%	2300691	< 0.01	< 0.01	0.0%
Pb	2300651	< 5	< 5	0.0%	2300665	< 5	< 5	0.0%	2300676	< 5	< 5	0.0%	2300691	< 5	< 5	0.0%
Pr	2300651	0.26	0.17		2300665	0.12	0.18		2300676	0.37	0.33	11.4%	2300691	0.24	0.32	28.6%
Rb	2300651	0.4	< 0.2		2300665	0.5	0.2		2300676	< 0.2	0.3		2300691	0.4	0.5	22.2%
S	2300651	0.164	0.166	1.2%	2300665	0.294	0.284	3.5%	2300676	0.205	0.202	1.5%	2300691	0.088	0.095	7.7%
Sb	2300651	< 0.1	< 0.1	0.0%	2300665	< 0.1	< 0.1	0.0%	2300676	< 0.1	< 0.1	0.0%	2300691	< 0.1	< 0.1	0.0%
Sc	2300651	23	23	0.0%	2300665	24	23	4.3%	2300676	25	24	4.1%	2300691	22	22	0.0%
Si	2300651	20.3	20.0	1.5%	2300665	20.6	20.2	2.0%	2300676	20.8	20.0	3.9%	2300691	20.2	20.7	2.4%
Sm	2300651	0.67	0.64	4.6%	2300665	0.2	0.5		2300676	0.4	0.5	22.2%	2300691	0.5	0.3	
Sn	2300651	< 1	< 1	0.0%	2300665	< 1	< 1	0.0%	2300676	< 1	< 1	0.0%	2300691	< 1	< 1	0.0%
Sr	2300651	82.8	81.7	1.3%	2300665	69.0	67.0	2.9%	2300676	104	104	0.0%	2300691	92.0	93.9	2.0%
Ta	2300651	< 0.5	< 0.5	0.0%	2300665	< 0.5	< 0.5	0.0%	2300676	< 0.5	< 0.5	0.0%	2300691	< 0.5	< 0.5	0.0%
Tb	2300651	0.15	0.14	6.9%	2300665	0.11	0.11	0.0%	2300676	0.162	0.142	13.2%	2300691	0.14	0.13	7.4%
Th	2300651	0.1	0.1	0.0%	2300665	< 0.1	< 0.1	0.0%	2300676	< 0.1	< 0.1	0.0%	2300691	< 0.1	< 0.1	0.0%
Ti	2300651	0.19	0.19	0.0%	2300665	0.20	0.19	5.1%	2300676	0.196	0.193	1.5%	2300691	0.17	0.17	0.0%
Tl	2300651	< 0.5	< 0.5	0.0%	2300665	< 0.5	< 0.5	0.0%	2300676	< 0.5	< 0.5	0.0%	2300691	< 0.5	< 0.5	0.0%
Tm	2300651	0.13	0.09		2300665	0.09	0.10	10.5%	2300676	0.08	0.1	22.2%	2300691	0.11	0.06	
U	2300651	< 0.05	< 0.05	0.0%	2300665	< 0.05	< 0.05	0.0%	2300676	< 0.05	< 0.05	0.0%	2300691	< 0.05	< 0.05	0.0%
V	2300651	135	132	2.2%	2300665	141	139	1.4%	2300676	151	145	4.1%	2300691	130	129	0.8%
W	2300651	< 1	< 1	0.0%	2300665	< 1	< 1	0.0%	2300676	< 1	< 1	0.0%	2300691	< 1	< 1	0.0%
Y	2300651	7.8	7.7	1.3%	2300665	7.4	7.5	1.3%	2300676	7.8	7.7	1.3%	2300691	6.86	6.67	2.8%
Yb	2300651	0.8	0.7	13.3%	2300665	0.71	0.85	17.9%	2300676	0.8	0.8	0.0%	2300691	0.7	0.7	0.0%
Zn	2300651	55	53	3.7%	2300665	56	56	0.0%	2300676	50	52	3.9%	2300691	54	52	3.8%
Zr	2300651	18.7	18.3	2.2%	2300665	16.6	21.8	27.1%	2300676	13.4	13.2	1.5%	2300691	13.1	17.0	25.9%

AGAT Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O729239

PROJECT: 2021 Surimeau DDH Batch 11

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	7.99	94%	90% - 110%					6.94	6.69	96%	90% - 110%	13.0	12.5	96%	90% - 110%
As	26	28	107%	90% - 110%												
Ba	540	523	97%	90% - 110%									1310	1312	100%	90% - 110%
Ca	0.907	0.862	95%	90% - 110%					4.01	3.96	99%	90% - 110%	1.42	1.34	95%	90% - 110%
Ce	98	98	100%	90% - 110%	58.2	62.4	107%	90% - 110%								
Co	15	14	96%	90% - 110%												
Cu	150	152	101%	90% - 110%									6.4	4.6	72%	90% - 110%
Er	3.7	3.6	97%	90% - 110%												
Fe	3.77	3.79	101%	90% - 110%					7.56	7.62	101%	90% - 110%	3.27	3.21	98%	90% - 110%
Ga					22.6	24.5	108%	90% - 110%								
Hf	11	10	90%	90% - 110%												
K	2.55	2.51	98%	90% - 110%					2.02	2.02	100%	90% - 110%	3.68	3.72	101%	90% - 110%
La	44	45	101%	90% - 110%	27.5	29.1	106%	90% - 110%								
Li	47	47	99%	90% - 110%									65.0	70.1	108%	90% - 110%
Lu	0.6	0.6	92%	90% - 110%												
Mg	1.1	1	91%	90% - 110%					2.41	2.49	103%	90% - 110%				
Mn	780	750	96%	90% - 110%												
Mo	14	13	92%	90% - 110%												
Nb	20	19	95%	90% - 110%	22.6	23.5	104%	90% - 110%								
Nd					27.3	27.4	100%	90% - 110%								
Ni	32	35	109%	90% - 110%												
P													0.061	0.057	93%	90% - 110%
Pb	31	32	104%	90% - 110%												
Rb	144	155	108%	90% - 110%	85.4	92.9	108%	90% - 110%								
Sb	0.8	0.7	90%	90% - 110%												
Sc	12	12	102%	90% - 110%												
Si	28.4	28.8	101%	90% - 110%					23.65	24.12	102%	90% - 110%	24.4	24.8	102%	90% - 110%
Sm	7.4	8.3	112%	90% - 110%												
Sr	144	149	103%	90% - 110%									310	316	102%	90% - 110%
Ta	1.9	1.8	94%	90% - 110%												
Tb	1.2	1	81%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

Th	18.4	19.5	106%	90% - 110%												
Ti	0.527	0.507	96%	90% - 110%									0.222	0.208	94%	90% - 110%
U	5.7	5.6	98%	90% - 110%												
V	77	80	104%	90% - 110%												
W	5	4	89%	90% - 110%												
Y	40	37	92%	90% - 110%	25.3	27.9	110%	90% - 110%								
Yb					2.66	3.16	119%	90% - 110%								
Zn	130	120	93%	90% - 110%									75.4	72.4	96%	90% - 110%
Zr	390	365	94%	90% - 110%	157	146	93%	90% - 110%								

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC
AGAT WORK ORDER: 21O729239
PROJECT: 2021 Surimeau DDH Batch 11
ATTENTION TO: Brian Newton, Francis Newton
SAMPLING SITE:
SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O729239

PROJECT: 2021 Surimeau DDH Batch 11

ATTENTION TO: Brian Newton, Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O729239

PROJECT: 2021 Surimeau DDH Batch 11

ATTENTION TO: Brian Newton, Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Brian Newton, Francis Newton

PROJECT: 2021 Surimeau DDH batch 15

AGAT WORK ORDER: 21O729240

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Jun 22, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729240

PROJECT: 2021 Surimeau DDH batch 15

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
46201 (2300794)	4.05
46202 (2300795)	0.83
46203 (2300796)	3.06
46204 (2300797)	3.12
46205 (2300798)	2.79
46206 (2300799)	3.88
46207 (2300800)	4.55
46208 (2300801)	3.65
46209 (2300802)	3.86
46210 (2300803)	3.51
46211 (2300804)	2.42
46212C-DUP (2300805)	-
46213 (2300806)	3.01
46214 (2300807)	2.38
46215 (2300808)	2.05
46216 (2300809)	4.18
46217 (2300810)	3.33
46218 (2300811)	2.53
46219 (2300812)	2.93
46220 (2300813)	3.50
46221 (2300814)	4.47
46222 (2300815)	0.81
46223 (2300816)	2.88
46224 (2300817)	3.52
46225 (2300818)	4.51
46226 (2300819)	2.93
46227 (2300820)	3.05
46228 (2300821)	2.69
46229 (2300822)	2.82
46230 (2300823)	2.81
46231 (2300824)	4.63

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729240

PROJECT: 2021 Surimeau DDH batch 15

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
46232 (2300825)	5.58
46233 (2300826)	5.15
46234 (2300827)	5.56
46235 (2300828)	3.80
46236 (2300829)	4.43
46237 (2300830)	5.45
46238 (2300831)	5.03
46239 (2300832)	4.93
46240 (2300833)	4.61
46241 (2300834)	2.85
46242 (2300835)	2.43
46243 (2300836)	5.10
46244 (2300837)	5.45
46245C-DUP (2300838)	-
46246 (2300839)	4.11
46247 (2300840)	3.10
46248 (2300841)	5.06
46249 (2300842)	2.70
46250 (2300843)	4.61

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729240

PROJECT: 2021 Surimeau DDH batch 15

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
46201 (2300794)	<1	7.98	<5	<20	140	<5	0.9	0.88	0.2	55.3	46.4	0.026	1.0	187
46202 (2300795)	<1	0.04	<5	<20	20.5	<5	<0.1	36.6	<0.2	1.0	1.2	<0.005	<0.1	<5
46203 (2300796)	<1	5.29	<5	<20	30.7	<5	1.5	0.84	0.5	80.8	76.7	0.028	0.7	1090
46204 (2300797)	<1	8.57	<5	<20	775	<5	1.5	1.79	5.4	67.8	67.2	0.020	1.0	433
46205 (2300798)	<1	8.26	<5	<20	332	<5	1.4	3.26	10.0	75.7	80.3	0.016	0.6	605
46206 (2300799)	<1	9.15	<5	<20	701	<5	1.2	2.91	3.6	73.0	42.8	0.023	1.2	262
46207 (2300800)	<1	8.24	<5	<20	1630	<5	0.4	4.71	0.2	121	30.7	0.025	0.4	124
46208 (2300801)	<1	7.91	<5	<20	1180	<5	0.4	4.72	<0.2	130	29.4	0.026	0.5	82
46209 (2300802)	<1	8.54	<5	<20	818	<5	0.9	3.40	4.7	90.8	45.9	0.019	0.6	315
46210 (2300803)	<1	9.20	<5	<20	1140	<5	1.1	3.30	0.4	69.0	33.6	0.027	1.5	142
46211 (2300804)	<1	7.89	<5	<20	397	<5	1.5	3.71	<0.2	63.9	136	0.098	0.9	435
46212C-DUP (2300805)	<1	7.97	<5	<20	406	<5	1.6	3.79	0.2	64.8	140	0.099	0.9	450
46213 (2300806)	<1	3.72	<5	<20	194	<5	0.6	4.57	0.5	10.8	92.8	0.202	5.2	117
46214 (2300807)	<1	3.08	<5	<20	213	<5	0.6	4.51	<0.2	2.1	91.4	0.194	6.9	78
46215 (2300808)	<1	3.34	<5	<20	186	<5	0.4	4.59	<0.2	2.0	82.1	0.197	6.4	61
46216 (2300809)	<1	8.16	<5	<20	708	<5	0.4	3.26	2.4	87.8	31.3	0.025	0.9	210
46217 (2300810)	<1	7.92	<5	<20	873	<5	1.7	2.05	13.0	66.0	88.4	0.018	0.9	537
46218 (2300811)	<1	7.90	<5	<20	188	5	1.1	2.38	14.9	68.0	106	0.017	0.7	703
46219 (2300812)	<1	9.13	<5	<20	870	<5	0.6	1.25	0.3	55.6	30.3	0.025	2.6	147
46220 (2300813)	<1	8.96	<5	<20	629	<5	0.5	1.05	<0.2	55.0	25.6	0.024	3.5	53
46221 (2300814)	<1	8.70	<5	<20	370	<5	0.5	1.17	0.2	61.4	27.4	0.023	1.4	108
46222 (2300815)	<1	0.05	<5	<20	80.7	<5	<0.1	38.1	<0.2	1.1	0.8	<0.005	<0.1	<5
46223 (2300816)	<1	8.62	<5	<20	416	<5	2.3	1.15	2.3	61.2	52.8	0.022	2.5	237
46224 (2300817)	<1	9.82	<5	<20	492	<5	0.2	1.29	<0.2	61.3	32.6	0.027	5.0	56
46225 (2300818)	<1	9.56	<5	<20	618	<5	0.3	1.14	0.6	69.9	32.1	0.027	6.5	92
46226 (2300819)	<1	9.12	<5	<20	587	<5	0.7	1.14	11.6	58.9	61.1	0.024	3.3	1230
46227 (2300820)	<1	8.97	<5	<20	572	<5	0.5	1.06	3.8	57.1	33.3	0.026	4.2	193
46228 (2300821)	<1	9.14	<5	<20	558	<5	0.4	1.15	2.2	59.0	34.7	0.024	4.6	299
46229 (2300822)	<1	7.72	<5	<20	341	<5	5.7	0.74	24.5	46.1	131	0.016	1.7	1030
46230 (2300823)	<1	6.54	<5	<20	188	<5	0.5	4.94	0.3	7.5	129	0.307	1.3	159
46231 (2300824)	<1	4.90	<5	<20	133	<5	1.0	6.72	<0.2	2.4	140	0.341	15.0	30
46232 (2300825)	<1	5.03	<5	<20	121	<5	1.1	6.63	<0.2	11.7	122	0.258	7.8	40

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729240

PROJECT: 2021 Surimeau DDH batch 15

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
46233 (2300826)	<1	5.24	<5	<20	96.4	<5	0.7	6.92	<0.2	16.0	86.1	0.189	1.7	62
46234 (2300827)	<1	2.95	<5	<20	4.6	<5	1.4	5.04	<0.2	1.2	96.0	0.204	0.2	41
46235 (2300828)	<1	2.72	<5	<20	4.2	<5	0.8	7.02	<0.2	1.0	94.3	0.195	0.1	54
46236 (2300829)	<1	5.53	<5	<20	25.4	<5	1.0	8.76	<0.2	2.6	134	0.339	0.2	22
46237 (2300830)	<1	4.54	<5	<20	90.7	<5	0.7	9.80	<0.2	2.1	124	0.320	1.2	<5
46238 (2300831)	<1	4.61	<5	<20	68.1	<5	0.8	8.29	<0.2	2.7	101	0.264	3.3	57
46239 (2300832)	<1	3.34	<5	<20	4.3	<5	1.0	6.19	<0.2	1.4	93.8	0.238	0.2	97
46240 (2300833)	<1	2.78	<5	<20	4.6	<5	2.1	3.16	<0.2	1.0	98.2	0.208	0.3	39
46241 (2300834)	<1	2.23	<5	<20	4.2	<5	2.3	3.20	<0.2	1.0	95.3	0.187	0.3	21
46242 (2300835)	<1	2.21	<5	<20	4.8	<5	2.6	3.26	<0.2	1.1	97.4	0.188	0.3	20
46243 (2300836)	<1	3.37	11	<20	5.9	<5	1.0	5.34	<0.2	1.3	101	0.225	0.4	42
46244 (2300837)	<1	3.55	<5	<20	22.7	<5	0.6	12.7	<0.2	1.6	90.3	0.223	1.2	38
46245C-DUP (2300838)	<1	3.45	<5	<20	22.2	<5	0.7	12.8	<0.2	1.5	88.1	0.220	1.3	36
46246 (2300839)	<1	2.91	<5	<20	6.1	<5	0.5	7.53	<0.2	1.3	89.7	0.197	0.3	63
46247 (2300840)	<1	4.43	<5	<20	235	<5	1.8	7.58	<0.2	4.4	150	0.310	0.2	42
46248 (2300841)	<1	5.99	<5	<20	337	<5	0.4	5.84	0.4	53.1	85.0	0.136	6.7	<5
46249 (2300842)	<1	3.38	<5	<20	60.3	5	0.3	7.95	0.4	91.8	78.6	0.083	0.9	<5
46250 (2300843)	<1	4.57	<5	<20	382	<5	0.7	6.62	0.4	108	81.8	0.114	15.4	<5

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729240

PROJECT: 2021 Surimeau DDH batch 15

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
46201 (2300794)	3.04	1.70	1.34	5.55	24.6	4.45	1	3	0.60	0.2	0.52	25.9	36	0.25
46202 (2300795)	0.23	0.15	<0.05	0.13	0.22	0.23	2	<1	0.05	<0.2	<0.05	1.1	<10	<0.05
46203 (2300796)	4.06	2.07	2.06	10.2	19.2	7.02	1	3	0.75	2.2	0.16	36.4	44	0.30
46204 (2300797)	3.78	2.15	1.46	7.10	23.1	5.16	1	4	0.73	0.7	1.74	32.6	21	0.35
46205 (2300798)	4.43	2.56	2.52	7.80	25.2	5.70	2	5	0.91	1.2	0.52	36.0	<10	0.44
46206 (2300799)	3.92	2.24	1.61	5.11	26.3	5.51	2	4	0.80	0.4	1.37	35.2	13	0.34
46207 (2300800)	4.55	1.99	2.07	5.44	22.5	8.81	2	5	0.79	<0.2	0.71	57.1	12	0.25
46208 (2300801)	4.58	1.97	2.21	5.55	20.2	8.94	2	4	0.77	<0.2	0.68	61.0	12	0.23
46209 (2300802)	4.19	2.22	1.95	5.92	21.2	6.46	2	5	0.77	0.5	0.77	43.4	<10	0.34
46210 (2300803)	3.68	1.92	1.02	3.95	24.8	5.33	2	4	0.72	<0.2	1.63	33.2	15	0.27
46211 (2300804)	4.86	2.76	2.29	9.88	20.6	6.15	2	4	0.99	<0.2	0.94	29.2	16	0.41
46212C-DUP (2300805)	5.03	2.76	2.31	10.4	21.1	6.32	2	4	1.02	<0.2	0.95	29.7	16	0.43
46213 (2300806)	2.11	1.20	0.32	7.91	15.5	2.01	4	1	0.42	<0.2	1.14	4.6	59	0.16
46214 (2300807)	1.38	0.91	0.09	6.62	12.2	1.06	4	<1	0.30	<0.2	1.57	0.9	50	0.12
46215 (2300808)	1.47	0.94	0.15	6.65	17.8	1.21	4	<1	0.34	<0.2	1.33	0.7	60	0.13
46216 (2300809)	3.75	2.14	1.96	4.59	23.8	6.43	2	5	0.74	0.3	0.52	40.0	19	0.30
46217 (2300810)	4.06	2.34	1.89	7.96	30.4	5.32	1	4	0.84	1.3	1.27	31.1	11	0.40
46218 (2300811)	4.17	2.44	2.16	9.31	34.8	5.27	1	4	0.85	1.5	0.56	32.9	<10	0.40
46219 (2300812)	2.98	1.60	0.96	4.63	24.6	4.29	2	4	0.59	<0.2	2.40	27.0	36	0.24
46220 (2300813)	2.87	1.61	0.95	4.29	23.2	4.08	2	4	0.57	<0.2	2.65	26.5	43	0.22
46221 (2300814)	3.35	1.76	1.26	4.27	23.8	4.66	3	4	0.66	<0.2	1.13	29.5	35	0.25
46222 (2300815)	0.55	0.37	<0.05	0.09	0.53	0.42	<1	<1	0.13	<0.2	0.10	1.2	<10	0.05
46223 (2300816)	3.18	1.72	1.27	8.87	21.2	4.58	3	4	0.63	0.3	1.57	29.4	33	0.25
46224 (2300817)	3.57	1.92	1.24	5.13	27.4	5.00	4	4	0.72	<0.2	2.25	29.5	55	0.27
46225 (2300818)	3.52	1.90	1.23	5.49	26.2	5.22	4	4	0.69	<0.2	3.10	34.2	46	0.28
46226 (2300819)	3.62	2.06	1.43	6.09	30.4	4.90	3	4	0.71	2.4	1.92	28.6	33	0.29
46227 (2300820)	3.21	1.73	1.21	4.44	26.8	4.47	4	4	0.61	0.9	2.58	27.3	38	0.26
46228 (2300821)	3.59	2.08	1.30	4.69	25.3	4.64	4	4	0.74	0.4	1.85	28.2	39	0.28
46229 (2300822)	3.87	2.24	1.48	10.5	30.3	4.75	3	4	0.81	4.7	1.06	21.1	12	0.37
46230 (2300823)	2.68	1.80	0.58	8.33	15.2	2.15	4	1	0.60	<0.2	0.44	3.6	17	0.26
46231 (2300824)	1.99	1.30	0.40	7.38	11.7	1.58	3	<1	0.44	<0.2	1.56	0.8	38	0.18
46232 (2300825)	2.27	1.45	0.60	7.63	13.2	2.20	3	1	0.49	<0.2	0.82	5.4	29	0.21

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729240

PROJECT: 2021 Surimeau DDH batch 15

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
46233 (2300826)	2.33	1.43	0.68	8.03	12.5	2.54	3	1	0.46	<0.2	0.31	7.1	15	0.20
46234 (2300827)	1.05	0.69	0.08	6.87	8.56	0.83	3	<1	0.24	<0.2	0.05	0.5	<10	0.10
46235 (2300828)	1.18	0.73	0.10	6.57	7.75	0.94	3	<1	0.26	<0.2	0.07	0.3	<10	0.11
46236 (2300829)	2.47	1.63	0.57	9.24	16.5	1.86	3	<1	0.54	<0.2	0.25	0.9	<10	0.24
46237 (2300830)	1.92	1.19	0.34	8.23	11.7	1.52	2	<1	0.43	<0.2	0.34	0.8	11	0.16
46238 (2300831)	2.15	1.43	0.44	8.51	11.7	1.61	2	<1	0.49	<0.2	0.39	1.0	10	0.21
46239 (2300832)	1.42	0.95	0.14	7.28	8.43	1.15	3	<1	0.33	<0.2	0.06	0.4	<10	0.13
46240 (2300833)	1.00	0.63	0.07	6.56	7.58	0.76	2	<1	0.23	<0.2	<0.05	0.4	<10	0.09
46241 (2300834)	0.95	0.60	0.07	6.32	6.50	0.77	2	<1	0.21	<0.2	<0.05	0.4	<10	0.09
46242 (2300835)	0.99	0.62	0.08	6.36	6.23	0.72	2	<1	0.21	<0.2	<0.05	0.4	<10	0.09
46243 (2300836)	1.33	0.89	0.19	7.46	8.89	1.05	2	<1	0.29	<0.2	<0.05	0.4	<10	0.13
46244 (2300837)	1.50	0.96	0.51	7.27	8.27	1.16	1	<1	0.33	<0.2	0.17	0.6	<10	0.13
46245C-DUP (2300838)	1.43	1.00	0.50	7.23	8.31	1.15	1	<1	0.33	<0.2	0.17	0.5	<10	0.13
46246 (2300839)	1.36	0.81	0.15	6.82	8.78	0.99	2	<1	0.27	<0.2	0.07	0.4	<10	0.12
46247 (2300840)	2.21	1.42	0.44	7.15	12.9	1.83	2	<1	0.47	<0.2	0.20	1.8	13	0.22
46248 (2300841)	3.33	1.52	1.55	8.48	22.4	5.25	3	3	0.59	<0.2	0.86	24.2	73	0.20
46249 (2300842)	4.34	2.04	2.04	7.59	15.9	7.59	4	5	0.80	0.2	0.20	42.9	17	0.27
46250 (2300843)	4.31	1.94	2.01	8.06	20.9	8.17	4	6	0.79	<0.2	1.51	50.0	57	0.26

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729240

PROJECT: 2021 Surimeau DDH batch 15

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
46201 (2300794)	2.34	311	28	7	27.8	164	0.10	10	6.82	19.8	1.92	<0.1	15	31.5
46202 (2300795)	2.04	110	2	<1	0.8	<5	0.01	<5	0.19	0.3	0.48	<0.1	<5	6.18
46203 (2300796)	2.85	381	26	7	43.2	442	0.22	7	10.3	6.8	5.63	<0.1	14	29.0
46204 (2300797)	1.55	399	23	7	31.1	215	0.07	20	8.06	45.2	3.72	<0.1	22	29.3
46205 (2300798)	1.11	453	53	10	34.2	238	0.11	19	8.93	17.4	4.31	<0.1	21	29.5
46206 (2300799)	1.11	362	178	10	34.4	154	0.07	32	8.67	49.1	2.54	<0.1	22	29.3
46207 (2300800)	3.24	918	12	7	60.2	66	0.21	27	15.0	15.8	1.81	<0.1	20	28.2
46208 (2300801)	3.42	1000	8	6	63.4	57	0.24	28	16.0	16.0	2.13	<0.1	20	27.4
46209 (2300802)	1.50	512	62	14	43.5	147	0.10	39	10.9	20.5	3.16	<0.1	20	28.5
46210 (2300803)	1.27	447	14	14	32.7	115	0.07	41	8.32	55.3	1.85	<0.1	21	29.4
46211 (2300804)	3.07	989	31	7	31.8	650	0.07	39	7.87	32.9	6.63	0.2	28	25.0
46212C-DUP (2300805)	3.11	1020	32	8	32.9	658	0.05	40	8.02	33.2	6.93	0.2	28	25.4
46213 (2300806)	13.3	1330	6	2	6.6	969	<0.01	<5	1.46	52.9	1.85	0.1	25	25.3
46214 (2300807)	13.0	1200	3	1	1.9	1120	<0.01	<5	0.36	76.5	0.94	<0.1	20	26.1
46215 (2300808)	13.8	1350	3	2	2.1	1050	0.01	<5	0.38	66.8	0.69	<0.1	22	25.3
46216 (2300809)	2.84	688	63	6	44.4	85	0.16	31	10.9	18.1	1.78	<0.1	17	31.0
46217 (2300810)	1.04	419	380	10	30.5	259	0.04	29	7.84	46.7	4.57	<0.1	20	29.0
46218 (2300811)	0.89	447	77	13	31.0	309	0.04	13	7.96	20.6	5.34	<0.1	19	29.2
46219 (2300812)	1.78	459	6	7	26.6	118	0.07	32	6.67	82.9	2.18	<0.1	19	29.2
46220 (2300813)	1.98	606	7	7	25.6	95	0.07	20	6.58	97.8	1.82	<0.1	16	31.0
46221 (2300814)	1.83	460	6	7	28.6	97	0.07	18	7.26	40.5	1.16	<0.1	17	29.8
46222 (2300815)	1.19	106	2	3	1.0	5	<0.01	<5	0.24	1.5	0.52	<0.1	<5	4.30
46223 (2300816)	1.44	356	8	7	29.2	145	0.06	20	7.32	56.5	4.29	<0.1	17	27.8
46224 (2300817)	2.20	666	6	7	29.1	121	0.07	28	7.33	93.8	0.79	<0.1	22	29.2
46225 (2300818)	2.16	668	7	8	33.5	116	0.06	35	8.47	121	1.39	<0.1	21	30.5
46226 (2300819)	1.41	450	175	10	28.5	169	0.08	44	7.13	75.8	3.05	<0.1	18	29.9
46227 (2300820)	1.68	621	8	7	27.2	107	0.07	47	6.82	107	1.69	<0.1	18	30.5
46228 (2300821)	1.85	688	6	8	28.2	127	0.06	50	7.11	88.8	1.67	<0.1	18	30.2
46229 (2300822)	0.77	270	10	7	23.7	564	0.06	105	5.81	34.7	6.67	<0.1	18	25.5
46230 (2300823)	5.20	2150	4	2	5.0	1160	0.02	17	1.02	14.6	1.32	<0.1	40	28.3
46231 (2300824)	10.8	1910	<2	1	2.4	1730	0.02	5	0.40	56.5	0.18	<0.1	33	27.9
46232 (2300825)	8.20	2000	35	2	7.4	1390	0.05	<5	1.59	31.1	0.22	<0.1	30	25.3

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729240

PROJECT: 2021 Surimeau DDH batch 15

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
46233 (2300826)	9.89	1840	<2	4	9.6	934	0.05	<5	2.15	9.5	0.54	<0.1	28	24.7
46234 (2300827)	15.2	999	<2	2	1.2	1400	<0.01	<5	0.22	0.4	0.45	<0.1	19	25.9
46235 (2300828)	13.7	1240	<2	<1	1.3	1260	<0.01	<5	0.19	0.3	0.65	<0.1	18	25.7
46236 (2300829)	8.75	2250	2	3	2.8	1200	<0.01	<5	0.46	2.2	0.26	<0.1	38	24.4
46237 (2300830)	9.03	1860	<2	1	2.2	1240	<0.01	<5	0.35	7.6	0.13	<0.1	31	25.0
46238 (2300831)	11.6	1900	<2	1	2.7	840	<0.01	<5	0.47	13.0	0.39	<0.1	30	22.0
46239 (2300832)	14.2	1110	<2	<1	1.6	1050	0.01	<5	0.25	0.5	0.95	<0.1	22	23.3
46240 (2300833)	16.4	997	<2	<1	1.1	1450	<0.01	<5	0.18	0.5	0.24	<0.1	19	22.0
46241 (2300834)	17.3	1070	<2	<1	1.0	1490	<0.01	<5	0.18	0.4	0.14	<0.1	16	21.0
46242 (2300835)	17.5	1060	<2	<1	1.1	1550	<0.01	<5	0.18	0.4	0.13	<0.1	16	21.2
46243 (2300836)	14.6	1280	<2	<1	1.4	1190	<0.01	<5	0.23	0.7	0.34	<0.1	23	20.9
46244 (2300837)	9.60	1800	<2	<1	1.6	1030	0.01	<5	0.28	5.5	0.36	<0.1	23	17.8
46245C-DUP (2300838)	9.99	1770	<2	<1	1.7	998	<0.01	<5	0.26	5.8	0.37	<0.1	23	17.7
46246 (2300839)	13.1	1210	<2	<1	1.4	1160	0.01	<5	0.22	0.8	0.40	<0.1	20	24.8
46247 (2300840)	6.81	1810	<2	1	3.9	1540	<0.01	<5	0.66	5.2	0.18	<0.1	30	25.3
46248 (2300841)	9.30	1870	<2	4	28.6	681	0.07	<5	6.84	32.8	0.08	<0.1	24	24.1
46249 (2300842)	9.53	2030	<2	2	47.7	612	<0.01	<5	11.4	5.7	0.08	<0.1	26	25.6
46250 (2300843)	10.6	1810	<2	3	54.6	658	<0.01	<5	13.2	63.1	0.08	<0.1	29	25.2

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729240

PROJECT: 2021 Surimeau DDH batch 15

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
46201 (2300794)	4.8	<1	205	5.1	0.62	7.5	0.32	<0.5	0.25	2.50	97	<1	16.2	1.7
46202 (2300795)	0.1	<1	83.8	2.3	<0.05	0.1	<0.01	<0.5	<0.05	0.14	<5	<1	2.0	0.1
46203 (2300796)	8.0	<1	65.5	3.8	0.90	6.9	0.26	<0.5	0.28	2.41	95	<1	19.8	1.8
46204 (2300797)	5.7	<1	285	3.2	0.72	9.2	0.34	0.6	0.32	2.61	122	<1	17.9	2.1
46205 (2300798)	6.4	2	370	3.9	0.86	11.0	0.30	<0.5	0.40	3.81	111	1	21.6	2.6
46206 (2300799)	6.1	2	503	4.3	0.78	10.7	0.35	1.2	0.32	3.37	123	<1	19.1	2.2
46207 (2300800)	10.7	2	1300	2.6	1.08	10.4	0.45	<0.5	0.26	2.68	141	<1	19.3	1.7
46208 (2300801)	11.0	4	1320	3.0	1.07	9.4	0.46	<0.5	0.25	2.33	144	<1	18.3	1.6
46209 (2300802)	7.7	3	755	68.4	0.86	10.1	0.35	<0.5	0.32	3.18	103	<1	18.3	2.2
46210 (2300803)	6.0	3	464	54.8	0.76	8.5	0.39	1.7	0.27	2.56	127	<1	16.9	1.7
46211 (2300804)	6.5	5	617	3.5	0.91	8.8	0.42	0.5	0.40	2.57	147	<1	22.9	2.6
46212C-DUP (2300805)	6.5	5	629	3.7	0.94	8.9	0.42	0.5	0.41	2.64	145	<1	23.2	2.7
46213 (2300806)	1.6	<1	64.2	4.5	0.34	1.1	0.24	1.2	0.17	0.39	114	<1	9.7	1.1
46214 (2300807)	0.7	<1	20.9	2.8	0.21	<0.1	0.16	1.9	0.13	0.06	96	<1	7.1	0.8
46215 (2300808)	0.8	<1	21.2	4.3	0.23	0.1	0.17	1.6	0.13	0.09	115	<1	7.8	0.9
46216 (2300809)	7.9	1	1090	3.9	0.80	8.3	0.38	<0.5	0.30	2.83	99	<1	17.8	2.0
46217 (2300810)	5.6	1	302	3.3	0.77	10.5	0.28	0.7	0.36	7.20	151	<1	20.0	2.4
46218 (2300811)	5.7	<1	325	4.3	0.80	10.6	0.25	<0.5	0.36	6.16	211	<1	21.0	2.5
46219 (2300812)	4.8	<1	164	3.0	0.60	8.2	0.37	2.5	0.23	2.41	118	<1	14.5	1.5
46220 (2300813)	4.5	<1	173	3.3	0.57	8.0	0.36	3.6	0.23	2.62	97	1	13.8	1.5
46221 (2300814)	5.3	<1	167	3.6	0.65	8.3	0.35	0.9	0.26	2.45	105	<1	15.4	1.7
46222 (2300815)	0.3	<1	85.4	3.8	0.08	0.4	<0.01	<0.5	0.05	0.82	<5	<1	3.5	0.3
46223 (2300816)	5.1	2	140	3.2	0.62	8.0	0.34	1.4	0.23	2.28	95	<1	14.8	1.6
46224 (2300817)	5.2	<1	165	3.0	0.72	9.4	0.41	2.4	0.28	2.61	143	<1	16.8	1.8
46225 (2300818)	6.0	3	125	3.3	0.71	8.7	0.41	3.3	0.27	2.72	141	<1	16.8	1.8
46226 (2300819)	5.3	7	133	5.8	0.71	8.1	0.39	1.9	0.29	4.61	130	<1	17.1	2.0
46227 (2300820)	4.9	7	109	3.5	0.64	8.1	0.38	2.7	0.25	2.44	113	1	14.6	1.6
46228 (2300821)	5.1	5	118	4.4	0.69	8.8	0.39	2.5	0.31	2.65	113	<1	18.0	2.0
46229 (2300822)	4.7	8	79.9	3.7	0.72	5.3	0.37	0.7	0.34	1.67	99	1	19.2	2.3
46230 (2300823)	1.4	<1	276	3.7	0.40	0.5	0.35	0.5	0.25	0.18	217	<1	14.0	1.7
46231 (2300824)	0.9	<1	168	4.2	0.29	0.1	0.26	1.0	0.19	<0.05	165	<1	10.6	1.2
46232 (2300825)	1.8	<1	192	5.0	0.36	1.1	0.28	0.5	0.21	0.35	163	<1	11.8	1.4

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729240

PROJECT: 2021 Surimeau DDH batch 15

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
46233 (2300826)	2.2	<1	285	13.4	0.39	1.8	0.29	<0.5	0.21	0.60	157	<1	11.9	1.3
46234 (2300827)	0.5	<1	23.9	8.4	0.16	<0.1	0.15	<0.5	0.09	<0.05	87	<1	5.5	0.6
46235 (2300828)	0.6	<1	31.1	2.2	0.17	<0.1	0.15	<0.5	0.11	<0.05	80	<1	6.3	0.8
46236 (2300829)	1.1	<1	76.2	5.9	0.37	0.2	0.31	<0.5	0.25	0.07	203	<1	14.6	1.6
46237 (2300830)	0.9	<1	125	2.0	0.28	0.1	0.25	<0.5	0.18	<0.05	154	<1	10.2	1.2
46238 (2300831)	1.0	<1	117	2.7	0.32	<0.1	0.25	<0.5	0.20	<0.05	162	<1	11.9	1.4
46239 (2300832)	0.7	<1	47.2	2.5	0.22	<0.1	0.20	<0.5	0.14	<0.05	108	<1	7.9	0.9
46240 (2300833)	0.4	<1	108	3.2	0.15	<0.1	0.15	<0.5	0.10	<0.05	85	<1	5.2	0.6
46241 (2300834)	0.4	<1	184	1.7	0.14	<0.1	0.12	<0.5	0.09	<0.05	65	<1	5.1	0.6
46242 (2300835)	0.5	<1	187	2.8	0.14	<0.1	0.12	<0.5	0.10	<0.05	67	<1	5.1	0.6
46243 (2300836)	0.6	<1	131	2.6	0.20	<0.1	0.19	<0.5	0.13	<0.05	113	<1	7.2	0.8
46244 (2300837)	0.7	<1	345	3.0	0.22	<0.1	0.19	<0.5	0.13	<0.05	115	<1	8.0	0.9
46245C-DUP (2300838)	0.7	<1	345	1.9	0.21	<0.1	0.19	<0.5	0.14	<0.05	114	<1	7.9	0.9
46246 (2300839)	0.6	<1	45.4	3.0	0.19	<0.1	0.16	<0.5	0.11	<0.05	94	<1	6.8	0.8
46247 (2300840)	1.3	<1	162	2.5	0.34	0.2	0.25	<0.5	0.22	0.11	146	<1	11.8	1.4
46248 (2300841)	5.7	3	160	2.3	0.68	5.4	0.49	<0.5	0.21	1.24	193	<1	14.5	1.3
46249 (2300842)	8.7	4	120	2.3	0.94	7.7	0.19	<0.5	0.27	1.21	204	<1	18.8	1.8
46250 (2300843)	9.4	2	81.5	2.5	1.01	11.0	0.35	0.9	0.27	1.65	184	<1	18.8	1.8

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729240

PROJECT: 2021 Surimeau DDH batch 15

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
46201 (2300794)	89	127
46202 (2300795)	<5	2.6
46203 (2300796)	186	112
46204 (2300797)	2480	124
46205 (2300798)	4160	159
46206 (2300799)	1090	150
46207 (2300800)	194	169
46208 (2300801)	181	156
46209 (2300802)	1850	155
46210 (2300803)	183	124
46211 (2300804)	211	142
46212C-DUP (2300805)	211	143
46213 (2300806)	321	33.9
46214 (2300807)	135	14.6
46215 (2300808)	257	15.6
46216 (2300809)	875	164
46217 (2300810)	5080	146
46218 (2300811)	6200	140
46219 (2300812)	191	129
46220 (2300813)	155	128
46221 (2300814)	165	135
46222 (2300815)	<5	3.9
46223 (2300816)	648	125
46224 (2300817)	235	128
46225 (2300818)	328	134
46226 (2300819)	5310	133
46227 (2300820)	1690	129
46228 (2300821)	813	140
46229 (2300822)	11800	137
46230 (2300823)	170	31.6
46231 (2300824)	87	22.6
46232 (2300825)	90	34.0

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729240

PROJECT: 2021 Surimeau DDH batch 15

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
46233 (2300826)	97	40.5
46234 (2300827)	58	13.1
46235 (2300828)	51	13.0
46236 (2300829)	80	29.7
46237 (2300830)	60	22.6
46238 (2300831)	64	21.4
46239 (2300832)	49	15.8
46240 (2300833)	43	13.0
46241 (2300834)	41	9.6
46242 (2300835)	43	10.9
46243 (2300836)	66	18.4
46244 (2300837)	54	16.4
46245C-DUP (2300838)	64	17.6
46246 (2300839)	53	14.1
46247 (2300840)	78	26.1
46248 (2300841)	302	116
46249 (2300842)	267	165
46250 (2300843)	297	215

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729240

PROJECT: 2021 Surimeau DDH batch 15

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 22, 2021 | SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
46201 (2300794)		88.52
46220 (2300813)		88.33
46240 (2300833)		76.93

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729240

PROJECT: 2021 Surimeau DDH batch 15

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
46201 (2300794)	85.71
46237 (2300830)	88.71

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O729240

PROJECT: 2021 Surimeau DDH batch 15

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2300794	< 1	< 1	0.0%	2300808	< 1	< 1	0.0%	2300819	< 1	< 1	0.0%	2300834	< 1	< 1	0.0%
Al	2300794	7.98	7.76	2.8%	2300808	3.34	3.33	0.3%	2300819	9.12	9.28	1.7%	2300834	2.23	2.32	4.0%
As	2300794	< 5	< 5	0.0%	2300808	< 5	< 5	0.0%	2300819	< 5	< 5	0.0%	2300834	< 5	< 5	0.0%
B	2300794	< 20	< 20	0.0%	2300808	< 20	< 20	0.0%	2300819	< 20	< 20	0.0%	2300834	< 20	< 20	0.0%
Ba	2300794	140	140	0.0%	2300808	186	182	2.2%	2300819	587	594	1.2%	2300834	4.2	3.9	7.4%
Be	2300794	< 5	< 5	0.0%	2300808	< 5	< 5	0.0%	2300819	< 5	< 5	0.0%	2300834	< 5	< 5	0.0%
Bi	2300794	0.9	0.9	0.0%	2300808	0.4	0.4	0.0%	2300819	0.7	0.7	0.0%	2300834	2.3	2.4	4.3%
Ca	2300794	0.88	0.86	2.3%	2300808	4.59	4.57	0.4%	2300819	1.14	1.16	1.7%	2300834	3.20	3.28	2.5%
Cd	2300794	0.2	0.2	0.0%	2300808	< 0.2	< 0.2	0.0%	2300819	11.6	11.6	0.0%	2300834	< 0.2	< 0.2	0.0%
Ce	2300794	55.3	59.9	8.0%	2300808	2.0	2.0	0.0%	2300819	58.9	64.8	9.5%	2300834	1.0	1.0	0.0%
Co	2300794	46.4	46.2	0.4%	2300808	82.1	82.8	0.8%	2300819	61.1	59.9	2.0%	2300834	95.3	96.5	1.3%
Cr	2300794	0.0263	0.0285	8.0%	2300808	0.197	0.198	0.5%	2300819	0.0244	0.0250	2.4%	2300834	0.187	0.194	3.7%
Cs	2300794	1.02	0.94	8.2%	2300808	6.4	6.5	1.6%	2300819	3.3	3.3	0.0%	2300834	0.3	0.3	0.0%
Cu	2300794	187	181	3.3%	2300808	61	62	1.6%	2300819	1230	1160	5.9%	2300834	21	22	4.7%
Dy	2300794	3.04	3.02	0.7%	2300808	1.47	1.52	3.3%	2300819	3.62	3.67	1.4%	2300834	0.950	0.956	0.6%
Er	2300794	1.70	1.65	3.0%	2300808	0.942	0.925	1.8%	2300819	2.06	2.07	0.5%	2300834	0.60	0.62	3.3%
Eu	2300794	1.34	1.36	1.5%	2300808	0.15	0.14	6.9%	2300819	1.43	1.49	4.1%	2300834	0.074	0.064	14.5%
Fe	2300794	5.55	5.43	2.2%	2300808	6.65	6.60	0.8%	2300819	6.09	6.14	0.8%	2300834	6.32	6.41	1.4%
Ga	2300794	24.6	23.3	5.4%	2300808	17.8	18.7	4.9%	2300819	30.4	32.0	5.1%	2300834	6.50	6.50	0.0%
Gd	2300794	4.45	4.52	1.6%	2300808	1.21	1.25	3.3%	2300819	4.90	5.18	5.6%	2300834	0.766	0.718	6.5%
Ge	2300794	1	1	0.0%	2300808	4	4	0.0%	2300819	3	3	0.0%	2300834	2	2	0.0%
Hf	2300794	3	4	28.6%	2300808	< 1	< 1	0.0%	2300819	4	4	0.0%	2300834	< 1	< 1	0.0%
Ho	2300794	0.60	0.61	1.7%	2300808	0.336	0.332	1.2%	2300819	0.713	0.717	0.6%	2300834	0.211	0.216	2.3%
In	2300794	0.2	0.2	0.0%	2300808	< 0.2	< 0.2	0.0%	2300819	2.4	2.4	0.0%	2300834	< 0.2	< 0.2	0.0%
K	2300794	0.516	0.502	2.8%	2300808	1.33	1.32	0.8%	2300819	1.92	1.95	1.6%	2300834	< 0.05	< 0.05	0.0%
La	2300794	25.9	28.0	7.8%	2300808	0.7	0.7	0.0%	2300819	28.6	31.2	8.7%	2300834	0.4	0.4	0.0%
Li	2300794	36	35	2.8%	2300808	60	60	0.0%	2300819	33	32	3.1%	2300834	< 10	< 10	0.0%
Lu	2300794	0.25	0.25	0.0%	2300808	0.13	0.14	7.4%	2300819	0.29	0.30	3.4%	2300834	0.09	0.09	0.0%
Mg	2300794	2.34	2.38	1.7%	2300808	13.8	14.1	2.2%	2300819	1.41	1.45	2.8%	2300834	17.3	17.6	1.7%
Mn	2300794	311	300	3.6%	2300808	1350	1340	0.7%	2300819	450	442	1.8%	2300834	1070	1100	2.8%
Mo	2300794	28	28	0.0%	2300808	3	3	0.0%	2300819	175	183	4.5%	2300834	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

Nb	2300794	7	7	0.0%	2300808	2	2	0.0%	2300819	10	13	26.1%	2300834	< 1	< 1	0.0%
Nd	2300794	27.8	29.9	7.3%	2300808	2.1	2.1	0.0%	2300819	28.5	31.3	9.4%	2300834	1.04	1.12	7.4%
Ni	2300794	164	159	3.1%	2300808	1050	1050	0.0%	2300819	169	171	1.2%	2300834	1490	1560	4.6%
P	2300794	0.10	0.09	10.5%	2300808	0.01	< 0.01		2300819	0.08	0.08	0.0%	2300834	< 0.01	< 0.01	0.0%
Pb	2300794	10	9	10.5%	2300808	< 5	< 5	0.0%	2300819	44	44	0.0%	2300834	< 5	< 5	0.0%
Pr	2300794	6.82	7.39	8.0%	2300808	0.38	0.38	0.0%	2300819	7.13	7.84	9.5%	2300834	0.18	0.18	0.0%
Rb	2300794	19.8	19.1	3.6%	2300808	66.8	66.0	1.2%	2300819	75.8	76.7	1.2%	2300834	0.4	0.4	0.0%
S	2300794	1.92	1.96	2.1%	2300808	0.69	0.69	0.0%	2300819	3.05	3.07	0.7%	2300834	0.14	0.14	0.0%
Sb	2300794	< 0.1	< 0.1	0.0%	2300808	< 0.1	< 0.1	0.0%	2300819	< 0.1	< 0.1	0.0%	2300834	< 0.1	< 0.1	0.0%
Sc	2300794	15	15	0.0%	2300808	22	22	0.0%	2300819	18	18	0.0%	2300834	16	17	6.1%
Si	2300794	31.5	30.8	2.2%	2300808	25.3	25.2	0.4%	2300819	29.9	30.3	1.3%	2300834	21.0	21.5	2.4%
Sm	2300794	4.8	5.2	8.0%	2300808	0.8	0.8	0.0%	2300819	5.32	5.59	4.9%	2300834	0.4	0.4	0.0%
Sn	2300794	< 1	< 1	0.0%	2300808	< 1	< 1	0.0%	2300819	7	7	0.0%	2300834	< 1	< 1	0.0%
Sr	2300794	205	202	1.5%	2300808	21.2	21.2	0.0%	2300819	133	136	2.2%	2300834	184	188	2.2%
Ta	2300794	5.1	5.1	0.0%	2300808	4.3	3.9	9.8%	2300819	5.8	16.1		2300834	1.7	2.6	
Tb	2300794	0.62	0.62	0.0%	2300808	0.23	0.23	0.0%	2300819	0.71	0.71	0.0%	2300834	0.14	0.14	0.0%
Th	2300794	7.5	7.2	4.1%	2300808	0.1	0.1	0.0%	2300819	8.1	8.2	1.2%	2300834	< 0.1	< 0.1	0.0%
Ti	2300794	0.32	0.31	3.2%	2300808	0.165	0.163	1.2%	2300819	0.39	0.39	0.0%	2300834	0.12	0.12	0.0%
Tl	2300794	< 0.5	< 0.5	0.0%	2300808	1.61	1.66	3.1%	2300819	1.9	1.9	0.0%	2300834	< 0.5	< 0.5	0.0%
Tm	2300794	0.25	0.25	0.0%	2300808	0.135	0.144	6.5%	2300819	0.29	0.29	0.0%	2300834	0.09	0.09	0.0%
U	2300794	2.50	2.42	3.3%	2300808	0.086	0.095	9.9%	2300819	4.61	4.47	3.1%	2300834	< 0.05	< 0.05	0.0%
V	2300794	97	100	3.0%	2300808	115	115	0.0%	2300819	130	129	0.8%	2300834	65	69	6.0%
W	2300794	< 1	< 1	0.0%	2300808	< 1	< 1	0.0%	2300819	< 1	< 1	0.0%	2300834	< 1	< 1	0.0%
Y	2300794	16.2	16.0	1.2%	2300808	7.83	7.96	1.6%	2300819	17.1	17.4	1.7%	2300834	5.1	5.3	3.8%
Yb	2300794	1.7	1.7	0.0%	2300808	0.9	0.9	0.0%	2300819	1.97	1.93	2.1%	2300834	0.6	0.6	0.0%
Zn	2300794	89	88	1.1%	2300808	257	250	2.8%	2300819	5310	5240	1.3%	2300834	41	43	4.8%
Zr	2300794	127	127	0.0%	2300808	15.6	15.1	3.3%	2300819	133	142	6.5%	2300834	9.6	11.6	18.9%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O729240

PROJECT: 2021 Surimeau DDH batch 15

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.63	102%	90% - 110%					6.94	7.11	103%	90% - 110%	13.0	13.3	102%	90% - 110%
As	26	27	105%	90% - 110%												
Ba	540	524	97%	90% - 110%									1310	1304	100%	90% - 110%
Be	4.0	4.6	114%	90% - 110%												
Ca	0.907	0.896	99%	90% - 110%					4.01	3.97	99%	90% - 110%	1.42	1.38	97%	90% - 110%
Ce	98	101	103%	90% - 110%	58.2	61	105%	90% - 110%								
Co	15	16	107%	90% - 110%												
Cu	150	160	107%	90% - 110%									6.4	5.2	81%	90% - 110%
Er	3.7	4.5	121%	90% - 110%												
Eu	1.0	1.19	119%	90% - 110%												
Fe	3.77	3.97	105%	90% - 110%					7.56	7.83	104%	90% - 110%	3.27	3.35	102%	90% - 110%
Ga					22.6	22.6	100%	90% - 110%								
Hf	11	11	101%	90% - 110%												
K	2.55	2.69	105%	90% - 110%					2.02	2.14	106%	90% - 110%	3.68	3.97	108%	90% - 110%
La	44	44	101%	90% - 110%	27.5	28.3	103%	90% - 110%								
Li	47	49	104%	90% - 110%									65.0	70.1	108%	90% - 110%
Lu	0.6	0.6	105%	90% - 110%												
Mg	1.1	1	94%	90% - 110%					2.41	2.35	97%	90% - 110%				
Mn	780	796	102%	90% - 110%												
Mo	14	14	101%	90% - 110%												
Nb	20	21	104%	90% - 110%	22.6	24.8	110%	90% - 110%								
Nd					27.3	29.2	107%	90% - 110%								
Ni	32	33	103%	90% - 110%												
P													0.061	0.068	112%	90% - 110%
Pb	31	33	105%	90% - 110%												
Rb	144	156	108%	90% - 110%	85.4	92.3	108%	90% - 110%								
Sb	0.8	0.9	111%	90% - 110%												
Sc	12	12	103%	90% - 110%												
Si	28.4	31.2	110%	90% - 110%					23.65	25.33	107%	90% - 110%	24.4	26.7	110%	90% - 110%
Sm	7.4	8.1	109%	90% - 110%												
Sr	144	154	107%	90% - 110%									310	325	105%	90% - 110%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

Tb	1.2	1.4	116%	90% - 110%												
Th	18.4	20.1	109%	90% - 110%												
Ti	0.527	0.538	102%	90% - 110%									0.222	0.22	99%	90% - 110%
U	5.7	6.1	107%	90% - 110%												
V	77	70	90%	90% - 110%												
W	5	6	120%	90% - 110%												
Y	40	40	100%	90% - 110%	25.3	26.3	103%	90% - 110%								
Yb					2.66	3.34	126%	90% - 110%								
Zn	130	121	93%	90% - 110%									75.4	80.2	106%	90% - 110%
Zr	390	411	105%	90% - 110%	157	165	105%	90% - 110%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O729240

PROJECT: 2021 Surimeau DDH batch 15

ATTENTION TO: Brian Newton, Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O729240

PROJECT: 2021 Surimeau DDH batch 15

ATTENTION TO: Brian Newton, Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O729240

PROJECT: 2021 Surimeau DDH batch 15

ATTENTION TO: Brian Newton, Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Brian Newton, Francis Newton

PROJECT: 2021 Surimeau DDH Batch 16

AGAT WORK ORDER: 21O729241

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Jun 23, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729241

PROJECT: 2021 Surimeau DDH Batch 16

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
46251 (2300844)	4.25
46252 (2300845)	0.86
46253 (2300846)	4.59
46254 (2300847)	3.97
46255 (2300848)	0.06
46256 (2300849)	4.24
46257 (2300850)	4.40
46258 (2300851)	4.25
46259 (2300852)	4.41
46260 (2300853)	4.27
46261 (2300854)	4.50
46262C-DUP (2300855)	-
46263 (2300856)	4.70
46264 (2300857)	2.02
46265 (2300858)	1.86
46266 (2300859)	1.47
46267 (2300860)	4.39
46268 (2300861)	3.90
46269 (2300862)	4.20
46270 (2300863)	3.61
46271 (2300864)	3.85
46272 (2300865)	0.99
46273 (2300866)	4.58
46274 (2300867)	5.07
46275 (2300868)	5.22
46276 (2300869)	5.53
46277 (2300870)	4.77
46278 (2300871)	4.91
46279 (2300872)	4.91
46280 (2300873)	4.84
46281 (2300874)	3.49

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729241

PROJECT: 2021 Surimeau DDH Batch 16

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
46282 (2300875)	3.10
46283 (2300876)	3.83
46284 (2300877)	5.17
46285 (2300878)	5.09
46286 (2300879)	5.01
46287 (2300880)	5.04
46288 (2300881)	5.18
46289 (2300882)	4.84
46290 (2300883)	5.73
46291 (2300884)	1.54
46292 (2300885)	1.34
46293 (2300886)	5.58
46294 (2300887)	2.87
46295C-DUP (2300888)	-
46296 (2300889)	4.68
46297 (2300890)	5.02
46298 (2300891)	4.94
46299 (2300892)	4.95
46300 (2300893)	4.74

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729241

PROJECT: 2021 Surimeau DDH Batch 16

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
46251 (2300844)	<1	2.15	<5	<20	216	<5	1.0	5.75	0.3	1.6	61.5	0.122	19.1	<5
46252 (2300845)	1	0.05	<5	<20	28.3	<5	<0.1	38.0	<0.2	0.9	1.4	<0.005	<0.1	<5
46253 (2300846)	<1	3.02	<5	<20	373	<5	2.2	3.81	<0.2	0.9	79.6	0.201	35.1	6
46254 (2300847)	<1	3.63	<5	<20	517	<5	2.3	3.92	0.2	1.2	99.0	0.223	39.8	100
46255 (2300848)	3	0.99	27	<20	63.6	<5	0.7	2.28	1.3	11.3	1280	0.023	0.6	14000
46256 (2300849)	<1	2.48	<5	<20	259	<5	3.3	13.8	<0.2	1.9	65.6	0.164	13.3	37
46257 (2300850)	<1	2.42	<5	<20	16.9	<5	0.6	8.13	<0.2	2.0	82.3	0.166	1.0	84
46258 (2300851)	<1	2.98	<5	<20	14.8	<5	1.0	8.68	<0.2	2.3	89.4	0.219	0.6	62
46259 (2300852)	<1	2.86	<5	<20	4.8	<5	0.9	5.92	<0.2	1.4	87.5	0.194	0.5	45
46260 (2300853)	<1	3.29	<5	<20	4.1	<5	1.0	5.08	<0.2	1.0	97.1	0.228	0.4	53
46261 (2300854)	<1	3.41	<5	<20	3.4	<5	1.0	5.47	<0.2	1.2	97.2	0.230	0.4	47
46262C-DUP (2300855)	<1	3.22	<5	<20	3.0	<5	1.1	5.33	<0.2	1.2	96.8	0.227	0.4	46
46263 (2300856)	<1	4.14	<5	<20	233	<5	0.7	5.34	<0.2	15.3	87.3	0.192	7.8	65
46264 (2300857)	<1	3.50	<5	<20	418	<5	0.9	3.99	<0.2	4.0	94.7	0.210	18.0	44
46265 (2300858)	<1	3.13	<5	<20	328	<5	0.5	4.16	<0.2	3.9	89.7	0.204	15.6	40
46266 (2300859)	<1	8.40	<5	<20	2070	<5	0.1	2.06	<0.2	97.7	8.8	0.009	2.5	13
46267 (2300860)	<1	3.48	<5	<20	187	<5	0.4	5.23	<0.2	3.8	87.2	0.199	7.1	32
46268 (2300861)	<1	3.16	<5	<20	4.9	<5	0.5	5.92	<0.2	1.7	94.8	0.227	0.4	59
46269 (2300862)	<1	4.71	<5	<20	394	<5	0.3	6.86	<0.2	18.8	85.5	0.170	8.5	34
46270 (2300863)	1	3.34	<5	<20	129	<5	0.3	15.5	<0.2	2.6	96.0	0.259	2.5	21
46271 (2300864)	<1	2.93	<5	<20	182	<5	0.3	15.6	<0.2	2.1	92.9	0.217	4.4	49
46272 (2300865)	<1	0.05	<5	<20	21.6	<5	<0.1	37.7	<0.2	0.9	1.2	<0.005	<0.1	<5
46273 (2300866)	1	3.40	<5	<20	6.9	<5	0.1	9.32	<0.2	1.2	90.3	0.235	0.6	30
46274 (2300867)	<1	3.18	<5	<20	2.9	<5	0.1	5.18	<0.2	1.1	92.8	0.221	0.3	27
46275 (2300868)	2	3.03	<5	<20	3.2	<5	0.2	5.91	<0.2	1.5	95.6	0.218	0.3	34
46276 (2300869)	2	3.65	<5	<20	3.9	<5	0.2	6.36	<0.2	1.8	103	0.261	0.4	119
46277 (2300870)	2	2.83	<5	<20	2.5	<5	0.2	4.84	<0.2	1.2	91.0	0.202	0.5	21
46278 (2300871)	1	2.64	<5	<20	1.7	<5	<0.1	3.97	<0.2	1.2	96.7	0.205	0.3	<5
46279 (2300872)	<1	3.28	<5	<20	2.7	<5	0.1	3.84	<0.2	1.2	94.6	0.232	0.5	37
46280 (2300873)	<1	3.31	<5	<20	2.3	<5	0.2	5.00	<0.2	1.4	100	0.253	0.5	63
46281 (2300874)	2	2.79	<5	<20	2.4	<5	0.3	7.28	<0.2	1.4	92.2	0.198	0.3	34
46282 (2300875)	<1	4.30	<5	<20	198	<5	0.2	15.4	<0.2	3.3	130	0.320	2.8	53

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729241

PROJECT: 2021 Surimeau DDH Batch 16

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
46283 (2300876)	<1	2.96	<5	<20	92.6	<5	0.1	14.3	<0.2	2.0	90.3	0.230	0.8	34
46284 (2300877)	<1	3.08	<5	<20	79.6	<5	0.2	16.9	0.2	3.3	91.3	0.235	0.7	<5
46285 (2300878)	<1	2.74	<5	<20	40.7	<5	0.2	12.6	<0.2	1.9	86.9	0.198	0.7	<5
46286 (2300879)	<1	3.28	<5	<20	215	<5	0.2	10.9	0.3	1.8	88.5	0.227	5.1	14
46287 (2300880)	<1	3.91	<5	<20	326	<5	0.3	10.2	0.2	18.4	83.2	0.187	7.0	11
46288 (2300881)	<1	3.55	<5	<20	182	<5	0.3	13.4	<0.2	2.6	88.1	0.219	6.3	21
46289 (2300882)	<1	3.41	<5	<20	53.9	<5	0.2	7.18	<0.2	1.9	97.3	0.232	3.2	69
46290 (2300883)	<1	3.33	<5	<20	416	<5	0.2	7.22	0.2	2.0	82.4	0.208	15.1	7
46291 (2300884)	<1	4.71	<5	<20	444	<5	0.2	6.70	<0.2	4.3	78.3	0.189	12.5	<5
46292 (2300885)	<1	4.62	<5	<20	470	<5	0.2	6.65	0.2	17.4	77.8	0.185	13.0	<5
46293 (2300886)	<1	5.75	<5	<20	60.6	<5	0.3	5.56	0.2	121	52.9	0.038	2.9	<5
46294 (2300887)	<1	3.12	<5	<20	274	<5	0.3	4.55	<0.2	1.7	84.7	0.237	10.5	32
46295C-DUP (2300888)	<1	3.16	<5	<20	247	<5	0.3	4.58	<0.2	1.9	85.7	0.213	10.3	27
46296 (2300889)	<1	2.64	<5	<20	6.3	<5	0.4	5.54	<0.2	4.3	88.8	0.198	0.6	35
46297 (2300890)	<1	3.34	<5	<20	4.1	<5	0.3	4.10	<0.2	1.4	95.4	0.251	0.6	64
46298 (2300891)	<1	2.91	<5	<20	3.9	<5	0.5	4.62	<0.2	1.3	91.8	0.219	0.5	35
46299 (2300892)	<1	3.26	<5	<20	8.7	<5	0.3	5.34	<0.2	1.6	98.4	0.237	1.0	58
46300 (2300893)	<1	2.75	<5	<20	3.4	<5	0.3	4.93	<0.2	1.4	93.6	0.201	0.6	32

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729241

PROJECT: 2021 Surimeau DDH Batch 16

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
46251 (2300844)	0.86	0.52	0.35	4.75	9.66	0.70	3	<1	0.17	<0.2	1.43	0.4	42	0.06
46252 (2300845)	0.34	0.18	<0.05	0.11	0.22	0.27	<1	<1	0.07	<0.2	<0.05	1.1	<10	<0.05
46253 (2300846)	0.78	0.48	0.06	5.80	10.9	0.61	3	<1	0.20	<0.2	2.96	0.3	53	0.07
46254 (2300847)	1.11	0.55	0.10	6.74	11.1	0.79	2	<1	0.23	<0.2	3.23	0.4	67	0.10
46255 (2300848)	1.06	0.52	0.22	33.3	3.34	1.24	<1	<1	0.21	<0.2	0.11	6.1	<10	0.07
46256 (2300849)	0.79	0.55	0.68	5.22	6.50	0.87	2	<1	0.23	<0.2	1.20	1.0	39	0.09
46257 (2300850)	1.15	0.54	0.19	6.39	5.87	0.86	2	<1	0.24	<0.2	0.06	1.0	<10	0.10
46258 (2300851)	1.32	0.77	0.31	6.92	6.97	1.06	<1	<1	0.28	<0.2	0.05	1.0	<10	0.12
46259 (2300852)	1.12	0.72	0.15	6.99	7.77	0.92	2	<1	0.29	<0.2	<0.05	0.5	<10	0.11
46260 (2300853)	1.16	0.69	0.18	7.29	8.58	0.93	1	<1	0.24	<0.2	<0.05	0.3	<10	0.09
46261 (2300854)	1.28	0.71	0.20	7.21	9.01	1.00	2	<1	0.25	<0.2	<0.05	0.4	<10	0.13
46262C-DUP (2300855)	1.28	0.68	0.22	7.03	9.10	0.89	2	<1	0.27	<0.2	<0.05	0.4	<10	0.11
46263 (2300856)	2.04	1.09	0.53	7.56	10.5	2.34	2	1	0.43	<0.2	0.60	7.1	26	0.19
46264 (2300857)	1.28	0.63	0.18	7.09	12.6	1.16	2	<1	0.24	<0.2	1.49	1.5	35	0.11
46265 (2300858)	1.29	0.68	0.13	6.68	10.7	0.93	2	<1	0.27	<0.2	1.26	1.5	25	0.13
46266 (2300859)	2.45	0.64	1.82	2.31	29.9	6.08	1	6	0.39	<0.2	0.65	45.5	14	0.08
46267 (2300860)	1.35	0.76	0.22	6.70	10.6	1.26	2	<1	0.30	<0.2	0.70	1.4	34	0.11
46268 (2300861)	1.41	0.85	0.11	6.98	7.88	0.96	1	<1	0.26	<0.2	<0.05	0.6	<10	0.11
46269 (2300862)	2.11	1.30	0.53	7.76	11.1	2.41	2	1	0.45	<0.2	0.86	8.7	51	0.19
46270 (2300863)	1.69	0.91	0.50	6.42	7.46	1.29	1	<1	0.33	<0.2	0.32	1.1	19	0.16
46271 (2300864)	1.55	0.87	0.33	6.19	6.36	1.23	1	<1	0.34	<0.2	0.43	0.8	20	0.17
46272 (2300865)	0.22	0.10	<0.05	0.11	0.18	0.20	1	<1	<0.05	<0.2	<0.05	1.1	<10	<0.05
46273 (2300866)	1.30	0.62	0.21	7.09	7.62	0.81	2	<1	0.27	<0.2	0.05	0.5	11	0.11
46274 (2300867)	1.05	0.70	0.10	7.02	8.22	0.82	2	<1	0.23	<0.2	<0.05	0.3	<10	0.10
46275 (2300868)	1.25	0.78	0.10	7.22	7.60	0.96	2	<1	0.27	<0.2	<0.05	0.5	<10	0.13
46276 (2300869)	1.61	0.95	0.27	7.89	8.31	1.17	2	<1	0.31	<0.2	<0.05	0.7	<10	0.14
46277 (2300870)	1.18	0.74	0.08	6.70	7.11	0.88	2	<1	0.25	<0.2	<0.05	0.4	<10	0.09
46278 (2300871)	1.17	0.64	0.05	6.83	6.77	0.76	2	<1	0.25	<0.2	<0.05	0.5	<10	0.10
46279 (2300872)	1.24	0.64	0.05	7.20	8.25	0.95	2	<1	0.26	<0.2	<0.05	0.4	<10	0.14
46280 (2300873)	1.34	0.77	0.11	7.61	8.39	1.10	2	<1	0.31	<0.2	<0.05	0.5	<10	0.14
46281 (2300874)	1.06	0.73	0.19	6.44	7.04	0.72	2	<1	0.22	<0.2	<0.05	0.5	<10	0.09
46282 (2300875)	2.56	1.62	0.49	5.64	9.62	1.94	<1	<1	0.56	<0.2	0.30	1.7	18	0.26

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729241

PROJECT: 2021 Surimeau DDH Batch 16

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
46283 (2300876)	1.59	0.97	0.28	5.78	7.96	1.24	1	<1	0.38	<0.2	0.14	1.0	<10	0.15
46284 (2300877)	1.65	0.99	0.35	6.29	8.29	1.33	2	<1	0.35	<0.2	0.21	1.4	11	0.16
46285 (2300878)	1.36	0.82	0.20	6.47	8.04	1.04	2	<1	0.32	<0.2	0.17	0.7	<10	0.11
46286 (2300879)	1.25	0.74	0.19	6.91	8.47	1.04	2	<1	0.31	<0.2	0.64	0.6	20	0.13
46287 (2300880)	2.00	0.96	0.53	7.27	9.99	2.12	1	1	0.36	<0.2	0.82	8.2	31	0.15
46288 (2300881)	1.78	0.99	0.38	6.99	8.55	1.54	2	<1	0.39	<0.2	0.75	4.7	28	0.14
46289 (2300882)	1.48	0.84	0.13	7.27	8.65	1.12	2	<1	0.32	<0.2	0.29	0.8	21	0.14
46290 (2300883)	1.26	0.69	0.19	6.79	9.15	0.89	2	<1	0.27	<0.2	1.67	0.7	61	0.12
46291 (2300884)	1.79	0.96	0.54	7.53	15.0	1.60	1	<1	0.34	<0.2	1.48	1.5	74	0.15
46292 (2300885)	1.59	0.94	0.52	7.54	14.8	1.64	3	<1	0.34	<0.2	1.58	8.0	77	0.14
46293 (2300886)	6.81	3.52	2.67	9.61	21.1	10.4	3	6	1.30	<0.2	0.17	54.0	105	0.55
46294 (2300887)	1.09	0.70	0.20	6.64	9.64	0.97	2	<1	0.27	<0.2	1.02	0.5	43	0.12
46295C-DUP (2300888)	1.33	0.77	0.20	6.75	9.58	0.97	2	<1	0.26	<0.2	1.03	0.6	43	0.11
46296 (2300889)	1.32	0.65	0.17	6.07	7.59	0.99	2	<1	0.29	<0.2	<0.05	2.5	<10	0.12
46297 (2300890)	1.47	0.94	0.14	7.62	7.82	1.25	1	<1	0.34	<0.2	<0.05	0.5	<10	0.15
46298 (2300891)	1.08	0.75	0.14	7.01	7.27	0.83	1	<1	0.26	<0.2	<0.05	0.4	<10	0.10
46299 (2300892)	1.21	0.73	0.25	7.15	7.60	0.96	1	<1	0.27	<0.2	<0.05	0.5	<10	0.12
46300 (2300893)	1.37	0.74	0.17	6.90	6.88	0.82	2	<1	0.31	<0.2	<0.05	0.5	<10	0.11

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729241

PROJECT: 2021 Surimeau DDH Batch 16

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
46251 (2300844)	11.2	1010	<2	<1	1.6	867	<0.01	<5	0.28	70.7	0.09	<0.1	12	22.3
46252 (2300845)	1.25	96	<2	<1	1.0	44	<0.01	<5	0.25	1.1	0.59	<0.1	<5	3.23
46253 (2300846)	13.0	805	<2	<1	1.2	1140	<0.01	<5	0.19	125	0.09	<0.1	20	23.3
46254 (2300847)	13.1	924	<2	<1	1.3	1360	<0.01	18	0.22	143	0.46	<0.1	21	23.3
46255 (2300848)	1.71	565	<2	1	5.8	22100	<0.01	42	1.51	4.1	20.7	0.3	7	7.07
46256 (2300849)	9.67	1610	<2	<1	1.3	860	0.03	24	0.27	54.3	0.42	<0.1	16	16.8
46257 (2300850)	13.2	1360	<2	<1	1.8	1000	<0.01	<5	0.34	2.1	0.75	<0.1	19	19.4
46258 (2300851)	12.6	1470	<2	<1	2.2	1170	<0.01	<5	0.35	2.6	0.66	<0.1	22	17.7
46259 (2300852)	13.8	1330	<2	<1	1.4	1180	<0.01	<5	0.26	0.7	0.37	<0.1	20	20.9
46260 (2300853)	14.2	1180	<2	<1	1.2	1370	<0.01	<5	0.19	1.0	0.42	<0.1	23	21.5
46261 (2300854)	13.5	1120	<2	<1	1.3	1250	<0.01	<5	0.25	0.7	0.48	<0.1	23	21.5
46262C-DUP (2300855)	13.5	1060	<2	<1	1.2	1220	<0.01	<5	0.26	0.7	0.47	<0.1	22	21.0
46263 (2300856)	12.4	1330	<2	1	9.4	959	0.04	<5	2.13	28.5	0.47	<0.1	29	20.6
46264 (2300857)	14.4	1220	<2	1	2.9	1380	<0.01	<5	0.63	66.5	0.28	<0.1	21	23.4
46265 (2300858)	13.8	1220	<2	1	2.9	1320	<0.01	<5	0.63	61.5	0.27	<0.1	21	23.1
46266 (2300859)	1.03	324	5	7	52.5	24	0.08	18	13.7	29.8	0.11	<0.1	<5	30.8
46267 (2300860)	13.2	1230	<2	1	3.1	1160	<0.01	<5	0.65	27.2	0.29	<0.1	20	22.7
46268 (2300861)	13.7	1150	<2	<1	1.8	1280	<0.01	<5	0.29	0.7	0.48	<0.1	23	22.8
46269 (2300862)	10.6	1470	<2	2	11.2	941	0.06	<5	2.66	38.7	0.24	<0.1	28	21.9
46270 (2300863)	7.77	2130	<2	<1	2.4	1140	<0.01	7	0.42	12.0	0.28	<0.1	25	16.9
46271 (2300864)	8.57	2110	<2	<1	1.9	1170	0.01	<5	0.35	19.9	0.34	<0.1	22	15.8
46272 (2300865)	1.66	111	<2	<1	0.7	7	<0.01	<5	0.21	0.3	0.58	<0.1	<5	3.96
46273 (2300866)	11.6	1500	<2	<1	1.4	1210	<0.01	<5	0.20	1.2	0.20	<0.1	25	18.3
46274 (2300867)	14.2	979	<2	<1	1.3	1350	<0.01	<5	0.23	0.7	0.14	<0.1	22	21.7
46275 (2300868)	13.6	1180	<2	<1	1.8	1280	<0.01	<5	0.28	0.8	0.17	<0.1	21	21.2
46276 (2300869)	13.3	1440	<2	<1	1.8	1250	<0.01	<5	0.30	0.7	0.37	<0.1	26	20.5
46277 (2300870)	14.3	1190	<2	<1	1.6	1310	<0.01	<5	0.23	0.8	0.14	<0.1	20	22.0
46278 (2300871)	15.4	1170	<2	<1	1.2	1510	<0.01	<5	0.22	0.7	0.08	<0.1	19	21.5
46279 (2300872)	14.9	1090	<2	<1	1.2	1340	<0.01	<5	0.21	1.1	0.14	<0.1	23	20.5
46280 (2300873)	13.8	1130	<2	<1	1.4	1260	<0.01	<5	0.27	0.7	0.21	<0.1	24	21.0
46281 (2300874)	13.0	1210	<2	<1	1.3	1360	<0.01	<5	0.21	0.5	0.25	<0.1	19	21.8
46282 (2300875)	4.64	2690	<2	<1	3.1	1440	0.02	<5	0.60	16.3	0.31	<0.1	31	18.3

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729241

PROJECT: 2021 Surimeau DDH Batch 16

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
46283 (2300876)	5.88	2160	<2	<1	2.0	1070	<0.01	<5	0.37	4.0	0.27	<0.1	23	18.6
46284 (2300877)	6.94	2220	<2	<1	2.6	1100	0.01	<5	0.52	5.8	0.27	<0.1	24	17.6
46285 (2300878)	8.78	2000	<2	<1	1.8	1090	0.02	<5	0.35	5.2	0.20	<0.1	20	21.1
46286 (2300879)	9.44	1840	<2	1	1.9	1170	<0.01	<5	0.35	27.2	0.19	<0.1	23	21.9
46287 (2300880)	9.03	1690	<2	2	10.6	917	0.05	<5	2.71	37.4	0.16	<0.1	23	21.3
46288 (2300881)	8.11	2100	<2	1	2.3	936	<0.01	8	0.44	34.9	0.25	<0.1	25	18.4
46289 (2300882)	12.1	1440	<2	1	1.9	1120	0.01	<5	0.36	13.0	0.30	<0.1	24	20.8
46290 (2300883)	11.3	1330	<2	1	1.7	1000	<0.01	<5	0.38	78.9	0.14	<0.1	22	23.2
46291 (2300884)	10.2	1460	<2	2	3.9	902	<0.01	<5	0.75	65.5	0.11	<0.1	20	22.2
46292 (2300885)	10.5	1460	<2	2	10.3	928	<0.01	<5	2.42	68.8	0.12	<0.1	21	22.5
46293 (2300886)	9.76	1500	<2	7	64.2	214	0.36	<5	16.2	6.5	0.13	<0.1	36	18.0
46294 (2300887)	14.6	1250	<2	1	1.7	1330	<0.01	<5	0.32	46.4	0.26	<0.1	23	22.8
46295C-DUP (2300888)	13.7	1270	<2	2	1.6	1220	<0.01	<5	0.33	45.9	0.24	<0.1	21	23.1
46296 (2300889)	13.7	1120	<2	1	2.6	1350	<0.01	<5	0.58	1.6	0.28	<0.1	19	19.9
46297 (2300890)	14.9	1180	<2	<1	1.6	1200	<0.01	17	0.30	0.7	0.25	<0.1	24	20.2
46298 (2300891)	15.3	1250	<2	1	1.4	1410	<0.01	<5	0.22	0.9	0.22	<0.1	22	20.7
46299 (2300892)	14.0	1200	<2	1	1.4	1270	<0.01	<5	0.27	2.2	0.28	<0.1	23	17.6
46300 (2300893)	14.5	1290	<2	1	1.6	1300	<0.01	<5	0.27	1.3	0.19	<0.1	19	20.1

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729241

PROJECT: 2021 Surimeau DDH Batch 16

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
46251 (2300844)	0.6	<1	40.4	<0.5	0.09	<0.1	0.09	1.0	0.08	0.07	61	<1	4.6	0.5
46252 (2300845)	0.1	<1	83.7	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	<0.05	<5	<1	3.0	0.2
46253 (2300846)	0.3	<1	27.0	<0.5	0.11	<0.1	0.16	1.8	0.07	<0.05	90	<1	4.7	0.5
46254 (2300847)	0.5	<1	31.1	<0.5	0.13	<0.1	0.19	2.0	0.09	<0.05	121	<1	5.7	0.7
46255 (2300848)	1.1	1	30.3	<0.5	0.15	1.0	0.10	<0.5	0.08	0.22	61	4	5.1	0.6
46256 (2300849)	0.5	<1	496	<0.5	0.10	<0.1	0.13	0.8	0.11	<0.05	86	<1	5.1	0.6
46257 (2300850)	0.4	<1	204	<0.5	0.15	<0.1	0.13	<0.5	0.10	<0.05	99	<1	6.4	0.7
46258 (2300851)	0.5	<1	273	<0.5	0.18	<0.1	0.18	<0.5	0.12	<0.05	112	<1	7.3	0.8
46259 (2300852)	0.6	<1	144	<0.5	0.12	<0.1	0.14	<0.5	0.11	<0.05	102	<1	6.7	0.7
46260 (2300853)	0.4	<1	79.1	<0.5	0.12	<0.1	0.17	<0.5	0.11	<0.05	115	<1	6.1	0.7
46261 (2300854)	0.6	<1	50.7	<0.5	0.15	<0.1	0.19	<0.5	0.11	<0.05	120	<1	6.9	0.7
46262C-DUP (2300855)	0.4	<1	48.2	<0.5	0.15	<0.1	0.18	<0.5	0.13	<0.05	118	<1	7.0	0.8
46263 (2300856)	2.5	<1	49.1	<0.5	0.32	1.4	0.28	<0.5	0.20	0.40	163	<1	11.9	1.2
46264 (2300857)	1.2	<1	25.2	<0.5	0.17	0.4	0.20	1.0	0.12	0.17	117	<1	6.6	0.7
46265 (2300858)	0.9	<1	25.2	<0.5	0.17	0.3	0.18	0.8	0.13	0.10	106	<1	6.9	0.8
46266 (2300859)	8.6	<1	1580	<0.5	0.60	7.9	0.29	<0.5	0.09	2.52	42	<1	9.7	0.5
46267 (2300860)	1.1	<1	38.5	<0.5	0.15	0.2	0.18	<0.5	0.10	0.12	111	<1	7.6	0.8
46268 (2300861)	0.6	<1	29.5	<0.5	0.15	0.1	0.19	<0.5	0.11	<0.05	117	<1	6.9	0.8
46269 (2300862)	2.5	<1	159	<0.5	0.31	1.9	0.31	0.6	0.20	0.48	173	<1	11.8	1.2
46270 (2300863)	0.7	<1	290	<0.5	0.20	<0.1	0.20	<0.5	0.15	<0.05	136	<1	10.8	1.1
46271 (2300864)	0.7	<1	317	<0.5	0.22	<0.1	0.18	<0.5	0.15	<0.05	118	<1	9.1	0.9
46272 (2300865)	0.1	<1	79.2	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.07	<5	<1	2.3	0.1
46273 (2300866)	0.3	<1	141	<0.5	0.16	<0.1	0.20	<0.5	0.11	<0.05	128	<1	6.6	0.8
46274 (2300867)	0.7	<1	30.8	<0.5	0.13	<0.1	0.17	<0.5	0.09	<0.05	112	<1	6.0	0.8
46275 (2300868)	0.6	<1	43.3	<0.5	0.15	<0.1	0.17	<0.5	0.13	<0.05	111	<1	7.0	0.7
46276 (2300869)	0.7	<1	57.5	<0.5	0.19	<0.1	0.20	<0.5	0.12	<0.05	138	<1	8.6	1.0
46277 (2300870)	0.6	<1	30.2	<0.5	0.14	<0.1	0.16	<0.5	0.11	<0.05	103	<1	6.7	0.7
46278 (2300871)	0.4	<1	55.2	<0.5	0.15	<0.1	0.15	<0.5	0.08	<0.05	92	<1	5.5	0.7
46279 (2300872)	0.6	<1	32.1	<0.5	0.15	<0.1	0.19	<0.5	0.10	<0.05	121	<1	6.2	0.8
46280 (2300873)	0.6	<1	32.5	<0.5	0.18	<0.1	0.21	<0.5	0.13	<0.05	120	<1	7.4	0.9
46281 (2300874)	0.6	<1	62.1	<0.5	0.13	<0.1	0.14	<0.5	0.10	<0.05	100	<1	6.0	0.6
46282 (2300875)	1.2	<1	249	<0.5	0.34	<0.1	0.25	<0.5	0.27	<0.05	171	<1	17.6	1.7

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729241

PROJECT: 2021 Surimeau DDH Batch 16

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
46283 (2300876)	0.7	<1	148	<0.5	0.22	<0.1	0.18	<0.5	0.15	<0.05	128	<1	10.3	1.1
46284 (2300877)	0.6	1	232	<0.5	0.20	0.5	0.19	<0.5	0.15	0.22	125	<1	10.4	1.1
46285 (2300878)	0.8	<1	150	<0.5	0.14	<0.1	0.16	<0.5	0.13	0.07	120	<1	8.5	0.9
46286 (2300879)	0.6	2	133	4.0	0.18	<0.1	0.19	<0.5	0.12	0.05	127	<1	7.5	0.8
46287 (2300880)	1.7	<1	184	3.4	0.27	1.4	0.24	0.6	0.15	0.41	133	<1	9.5	1.1
46288 (2300881)	0.8	1	389	3.9	0.21	<0.1	0.22	0.5	0.16	<0.05	138	<1	10.1	1.1
46289 (2300882)	0.7	<1	114	4.5	0.17	<0.1	0.20	<0.5	0.12	<0.05	120	<1	8.2	0.9
46290 (2300883)	0.6	<1	77.5	3.8	0.11	<0.1	0.18	1.1	0.11	0.08	119	<1	6.2	0.7
46291 (2300884)	1.2	2	69.0	3.7	0.22	0.4	0.24	1.0	0.15	0.16	163	<1	9.0	0.9
46292 (2300885)	1.8	2	69.3	1.9	0.23	0.9	0.23	1.1	0.12	0.16	157	<1	8.3	0.9
46293 (2300886)	12.4	5	119	5.5	1.32	13.4	0.46	<0.5	0.50	3.74	281	<1	34.4	3.3
46294 (2300887)	0.5	<1	30.8	3.5	0.17	<0.1	0.17	0.8	0.09	0.06	113	<1	6.5	0.7
46295C-DUP (2300888)	0.5	<1	31.3	7.3	0.16	0.1	0.17	0.8	0.12	0.07	100	<1	6.2	0.8
46296 (2300889)	0.8	<1	74.2	4.4	0.15	<0.1	0.15	<0.5	0.10	<0.05	95	<1	6.3	0.8
46297 (2300890)	0.5	<1	75.8	3.5	0.20	<0.1	0.20	<0.5	0.14	<0.05	133	<1	8.4	0.9
46298 (2300891)	0.4	<1	110	3.7	0.16	<0.1	0.17	<0.5	0.11	<0.05	107	<1	5.7	0.8
46299 (2300892)	0.4	<1	152	4.2	0.14	<0.1	0.19	<0.5	0.14	<0.05	127	<1	6.9	0.8
46300 (2300893)	0.5	<1	119	4.7	0.14	<0.1	0.15	<0.5	0.12	<0.05	91	<1	6.7	0.7

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729241

PROJECT: 2021 Surimeau DDH Batch 16

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
46251 (2300844)	117	8.9
46252 (2300845)	11	1.4
46253 (2300846)	76	13.6
46254 (2300847)	93	16.6
46255 (2300848)	65	32.5
46256 (2300849)	72	12.8
46257 (2300850)	45	9.8
46258 (2300851)	55	12.2
46259 (2300852)	55	10.2
46260 (2300853)	57	17.1
46261 (2300854)	55	18.7
46262C-DUP (2300855)	47	16.2
46263 (2300856)	75	35.2
46264 (2300857)	80	18.2
46265 (2300858)	71	15.8
46266 (2300859)	95	221
46267 (2300860)	65	20.5
46268 (2300861)	47	14.0
46269 (2300862)	68	43.6
46270 (2300863)	48	17.0
46271 (2300864)	52	14.9
46272 (2300865)	<5	1.6
46273 (2300866)	55	17.6
46274 (2300867)	48	14.9
46275 (2300868)	57	15.2
46276 (2300869)	54	16.5
46277 (2300870)	48	13.1
46278 (2300871)	56	13.0
46279 (2300872)	58	18.5
46280 (2300873)	51	19.8
46281 (2300874)	45	13.3
46282 (2300875)	54	21.4

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729241

PROJECT: 2021 Surimeau DDH Batch 16

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
46283 (2300876)	53	17.0
46284 (2300877)	62	16.3
46285 (2300878)	84	14.0
46286 (2300879)	89	14.7
46287 (2300880)	82	36.0
46288 (2300881)	65	18.3
46289 (2300882)	66	18.9
46290 (2300883)	63	14.2
46291 (2300884)	134	15.1
46292 (2300885)	133	19.0
46293 (2300886)	93	235
46294 (2300887)	62	15.9
46295C-DUP (2300888)	64	14.8
46296 (2300889)	40	11.1
46297 (2300890)	57	19.7
46298 (2300891)	51	13.4
46299 (2300892)	50	13.0
46300 (2300893)	54	10.9

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729241

PROJECT: 2021 Surimeau DDH Batch 16

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
46251 (2300844)	77.33
46270 (2300863)	81.5
46290 (2300883)	78.40

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729241

PROJECT: 2021 Surimeau DDH Batch 16

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
46251 (2300844)	89.89
46268 (2300861)	89.29
46287 (2300880)	88.06

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O729241

PROJECT: 2021 Surimeau DDH Batch 16

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2300844	< 1	2		2300858	< 1	< 1	0.0%	2300869	2	< 1		2300884	< 1	< 1	0.0%
Al	2300844	2.15	2.43	12.2%	2300858	3.13	3.14	0.3%	2300869	3.65	3.65	0.0%	2300884	4.71	4.68	0.6%
As	2300844	< 5	< 5	0.0%	2300858	< 5	< 5	0.0%	2300869	< 5	< 5	0.0%	2300884	< 5	< 5	0.0%
B	2300844	< 20	< 20	0.0%	2300858	< 20	< 20	0.0%	2300869	< 20	< 20	0.0%	2300884	< 20	< 20	0.0%
Ba	2300844	216	241	10.9%	2300858	328	330	0.6%	2300869	3.9	4.2	7.4%	2300884	444	447	0.7%
Be	2300844	< 5	< 5	0.0%	2300858	< 5	< 5	0.0%	2300869	< 5	< 5	0.0%	2300884	< 5	< 5	0.0%
Bi	2300844	1.0	1.0	0.0%	2300858	0.5	0.9		2300869	0.2	0.2	0.0%	2300884	0.2	0.2	0.0%
Ca	2300844	5.75	6.50	12.2%	2300858	4.16	4.19	0.7%	2300869	6.36	6.36	0.0%	2300884	6.70	6.71	0.1%
Cd	2300844	0.3	0.3	0.0%	2300858	< 0.2	< 0.2	0.0%	2300869	< 0.2	< 0.2	0.0%	2300884	< 0.2	0.3	
Ce	2300844	1.6	1.6	0.0%	2300858	3.9	3.9	0.0%	2300869	1.8	1.8	0.0%	2300884	4.3	4.4	2.3%
Co	2300844	61.5	63.8	3.7%	2300858	89.7	94.1	4.8%	2300869	103	99.1	3.9%	2300884	78.3	79.7	1.8%
Cr	2300844	0.122	0.136	10.9%	2300858	0.204	0.207	1.5%	2300869	0.261	0.261	0.0%	2300884	0.189	0.192	1.6%
Cs	2300844	19.1	19.7	3.1%	2300858	15.6	16.1	3.2%	2300869	0.37	0.34	8.5%	2300884	12.5	12.5	0.0%
Cu	2300844	< 5	< 5	0.0%	2300858	40	42	4.9%	2300869	119	121	1.7%	2300884	< 5	< 5	0.0%
Dy	2300844	0.86	0.89	3.4%	2300858	1.29	1.35	4.5%	2300869	1.61	1.59	1.3%	2300884	1.79	1.60	11.2%
Er	2300844	0.521	0.578	10.4%	2300858	0.68	0.70	2.9%	2300869	0.95	0.84	12.3%	2300884	0.959	0.977	1.9%
Eu	2300844	0.346	0.323	6.9%	2300858	0.13	0.13	0.0%	2300869	0.27	0.25	7.7%	2300884	0.538	0.520	3.4%
Fe	2300844	4.75	5.32	11.3%	2300858	6.68	6.73	0.7%	2300869	7.89	7.98	1.1%	2300884	7.53	7.52	0.1%
Ga	2300844	9.66	9.91	2.6%	2300858	10.7	10.4	2.8%	2300869	8.31	8.22	1.1%	2300884	15.0	15.4	2.6%
Gd	2300844	0.703	0.712	1.3%	2300858	0.93	1.24	28.6%	2300869	1.17	1.19	1.7%	2300884	1.60	1.57	1.9%
Ge	2300844	3	3	0.0%	2300858	2	2	0.0%	2300869	2	2	0.0%	2300884	1	2	
Hf	2300844	< 1	< 1	0.0%	2300858	< 1	< 1	0.0%	2300869	< 1	< 1	0.0%	2300884	< 1	< 1	0.0%
Ho	2300844	0.172	0.206	18.0%	2300858	0.27	0.28	3.6%	2300869	0.311	0.325	4.4%	2300884	0.336	0.322	4.3%
In	2300844	< 0.2	< 0.2	0.0%	2300858	< 0.2	< 0.2	0.0%	2300869	< 0.2	< 0.2	0.0%	2300884	< 0.2	< 0.2	0.0%
K	2300844	1.43	1.64	13.7%	2300858	1.26	1.24	1.6%	2300869	< 0.05	< 0.05	0.0%	2300884	1.48	1.49	0.7%
La	2300844	0.45	0.56	21.8%	2300858	1.5	1.5	0.0%	2300869	0.66	0.54	20.0%	2300884	1.54	1.63	5.7%
Li	2300844	42	47	11.2%	2300858	25	26	3.9%	2300869	< 10	< 10	0.0%	2300884	74	73	1.4%
Lu	2300844	0.06	0.11		2300858	0.13	0.11	16.7%	2300869	0.14	0.16	13.3%	2300884	0.15	0.15	0.0%
Mg	2300844	11.2	12.7	12.6%	2300858	13.8	14.0	1.4%	2300869	13.3	13.4	0.7%	2300884	10.2	10.4	1.9%
Mn	2300844	1010	1130	11.2%	2300858	1220	1250	2.4%	2300869	1440	1450	0.7%	2300884	1460	1470	0.7%
Mo	2300844	< 2	< 2	0.0%	2300858	< 2	< 2	0.0%	2300869	< 2	< 2	0.0%	2300884	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

Nb	2300844	< 1	1		2300858	1	1	0.0%	2300869	< 1	< 1	0.0%	2300884	2	2	0.0%
Nd	2300844	1.6	1.9	17.1%	2300858	2.9	2.9	0.0%	2300869	1.8	2.2	20.0%	2300884	3.9	4.3	9.8%
Ni	2300844	867	958	10.0%	2300858	1320	1350	2.2%	2300869	1250	1210	3.3%	2300884	902	904	0.2%
P	2300844	< 0.01	< 0.01	0.0%	2300858	< 0.01	< 0.01	0.0%	2300869	< 0.01	0.01		2300884	< 0.01	< 0.01	0.0%
Pb	2300844	< 5	< 5	0.0%	2300858	< 5	< 5	0.0%	2300869	< 5	< 5	0.0%	2300884	< 5	< 5	0.0%
Pr	2300844	0.280	0.289	3.2%	2300858	0.634	0.678	6.7%	2300869	0.30	0.30	0.0%	2300884	0.75	0.80	6.5%
Rb	2300844	70.7	74.0	4.6%	2300858	61.5	61.6	0.2%	2300869	0.7	0.7	0.0%	2300884	65.5	69.9	6.5%
S	2300844	0.09	0.10	10.5%	2300858	0.27	0.27	0.0%	2300869	0.37	0.37	0.0%	2300884	0.11	0.11	0.0%
Sb	2300844	< 0.1	< 0.1	0.0%	2300858	< 0.1	< 0.1	0.0%	2300869	< 0.1	< 0.1	0.0%	2300884	< 0.1	< 0.1	0.0%
Sc	2300844	12	13	8.0%	2300858	21	22	4.7%	2300869	26	26	0.0%	2300884	20	20	0.0%
Si	2300844	22.3	25.1	11.8%	2300858	23.1	23.2	0.4%	2300869	20.5	20.6	0.5%	2300884	22.2	22.1	0.5%
Sm	2300844	0.6	0.4		2300858	0.9	0.9	0.0%	2300869	0.74	0.77	4.0%	2300884	1.21	1.11	8.6%
Sn	2300844	< 1	< 1	0.0%	2300858	< 1	< 1	0.0%	2300869	< 1	< 1	0.0%	2300884	2	3	
Sr	2300844	40.4	46.7	14.5%	2300858	25.2	24.8	1.6%	2300869	57.5	57.5	0.0%	2300884	69.0	69.1	0.1%
Ta	2300844	< 0.5	< 0.5	0.0%	2300858	< 0.5	< 0.5	0.0%	2300869	< 0.5	< 0.5	0.0%	2300884	3.7	2.9	24.2%
Tb	2300844	0.09	0.09	0.0%	2300858	0.167	0.152	9.4%	2300869	0.19	0.21	10.0%	2300884	0.219	0.205	6.6%
Th	2300844	< 0.1	< 0.1	0.0%	2300858	0.3	0.3	0.0%	2300869	< 0.1	< 0.1	0.0%	2300884	0.4	0.4	0.0%
Ti	2300844	0.09	0.10	10.5%	2300858	0.183	0.185	1.1%	2300869	0.202	0.208	2.9%	2300884	0.24	0.24	0.0%
Tl	2300844	1.0	1.0	0.0%	2300858	0.80	0.88	9.5%	2300869	< 0.5	< 0.5	0.0%	2300884	1.0	1.0	0.0%
Tm	2300844	0.085	0.085	0.0%	2300858	0.13	0.13	0.0%	2300869	0.123	0.139	12.2%	2300884	0.148	0.157	5.9%
U	2300844	0.07	0.07	0.0%	2300858	0.10	0.12	18.2%	2300869	< 0.05	< 0.05	0.0%	2300884	0.157	0.143	9.3%
V	2300844	61	70	13.7%	2300858	106	110	3.7%	2300869	138	137	0.7%	2300884	163	163	0.0%
W	2300844	< 1	< 1	0.0%	2300858	< 1	< 1	0.0%	2300869	< 1	< 1	0.0%	2300884	< 1	< 1	0.0%
Y	2300844	4.6	4.5	2.2%	2300858	6.91	7.28	5.2%	2300869	8.6	8.6	0.0%	2300884	9.0	9.3	3.3%
Yb	2300844	0.5	0.5	0.0%	2300858	0.8	0.8	0.0%	2300869	0.97	0.94	3.1%	2300884	0.9	1.0	10.5%
Zn	2300844	117	138	16.5%	2300858	71	70	1.4%	2300869	54	57	5.4%	2300884	134	133	0.7%
Zr	2300844	8.9	9.1	2.2%	2300858	15.8	15.7	0.6%	2300869	16.5	15.7	5.0%	2300884	15.1	14.2	6.1%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O729241

PROJECT: 2021 Surimeau DDH Batch 16

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.11	96%	90% - 110%					6.94	6.85	99%	90% - 110%	13.0	12.7	98%	90% - 110%
As	26	27	105%	90% - 110%												
Ba	540	531	98%	90% - 110%									1310	1331	102%	90% - 110%
Be	4.0	4	99%	90% - 110%												
Ca	0.907	0.853	94%	90% - 110%					4.01	3.95	99%	90% - 110%	1.42	1.36	95%	90% - 110%
Ce	98	98	100%	90% - 110%	58.2	60.5	104%	90% - 110%								
Co	15	16	104%	90% - 110%												
Cu	150	155	103%	90% - 110%									6.4	5	78%	90% - 110%
Er	3.7	3.9	104%	90% - 110%												
Eu	1.0	1.22	122%	90% - 110%												
Fe	3.77	3.84	102%	90% - 110%					7.56	7.73	102%	90% - 110%	3.27	3.33	102%	90% - 110%
Ga					22.6	22.6	100%	90% - 110%								
Hf	11	10	92%	90% - 110%												
K	2.55	2.46	97%	90% - 110%					2.02	2	99%	90% - 110%	3.68	3.71	101%	90% - 110%
La	44	44	99%	90% - 110%	27.5	27.8	101%	90% - 110%								
Li	47	49	104%	90% - 110%									65.0	70.6	109%	90% - 110%
Lu	0.6	0.5	87%	90% - 110%												
Mg	1.1	1	95%	90% - 110%					2.41	2.34	97%	90% - 110%				
Mn	780	770	99%	90% - 110%												
Mo	14	13	95%	90% - 110%												
Nb	20	19	97%	90% - 110%	22.6	23	102%	90% - 110%								
Nd					27.3	29	106%	90% - 110%								
P													0.061	0.0593	97%	90% - 110%
Pb	31	32	103%	90% - 110%												
Rb	144	144	100%	90% - 110%	85.4	86.1	101%	90% - 110%								
Sb	0.8	0.8	99%	90% - 110%												
Sc	12	12	104%	90% - 110%												
Si	28.4	28.6	101%	90% - 110%					23.65	24.06	102%	90% - 110%	24.4	24.9	102%	90% - 110%
Sm	7.4	8.5	115%	90% - 110%												
Sr	144	151	105%	90% - 110%									310	326	105%	90% - 110%
Ta	1.9	2.2	116%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

Tb	1.2	1.2	101%	90% - 110%												
Th	18.4	18.8	102%	90% - 110%												
Ti	0.527	0.521	99%	90% - 110%									0.222	0.219	99%	90% - 110%
U	5.7	5.4	95%	90% - 110%												
V	77	78	101%	90% - 110%												
W	5	5	99%	90% - 110%												
Y	40	38	95%	90% - 110%	25.3	25.3	100%	90% - 110%								
Yb					2.66	3.14	118%	90% - 110%								
Zn	130	120	92%	90% - 110%									75.4	78.6	104%	90% - 110%
Zr	390	381	98%	90% - 110%	157	161	102%	90% - 110%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O729241

PROJECT: 2021 Surimeau DDH Batch 16

ATTENTION TO: Brian Newton, Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O729241

PROJECT: 2021 Surimeau DDH Batch 16

ATTENTION TO: Brian Newton, Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O729241

PROJECT: 2021 Surimeau DDH Batch 16

ATTENTION TO: Brian Newton, Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Brian Newton, Francis Newton

PROJECT: 2021 Surimeau DDH Batch 14

AGAT WORK ORDER: 21O729242

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Jun 17, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729242

PROJECT: 2021 Surimeau DDH Batch 14

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
46151 (2300894)	3.36
46152 (2300895)	0.70
46153 (2300896)	2.61
46154 (2300897)	2.38
46155 (2300898)	3.94
46156 (2300899)	3.05
46157 (2300900)	2.80
46158 (2300901)	4.36
46159 (2300902)	4.52
46160 (2300903)	3.74
46161 (2300904)	4.15
46162C-DUP (2300905)	-
46163 (2300906)	2.99
46164 (2300907)	1.36
46165 (2300908)	1.54
46166 (2300909)	2.78
46167 (2300910)	4.36
46168 (2300911)	4.45
46169 (2300912)	3.93
46170 (2300913)	2.79
46171 (2300914)	2.51
46172 (2300915)	0.82
46173 (2300916)	3.07
46174 (2300917)	0.74
46175 (2300918)	3.99
46176 (2300919)	2.81
46177 (2300920)	4.06
46178 (2300921)	2.72
46179 (2300922)	2.77
46180 (2300923)	4.40
46181 (2300924)	2.95

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729242

PROJECT: 2021 Surimeau DDH Batch 14

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
46182 (2300925)	2.37
46183 (2300926)	2.92
46184 (2300927)	2.45
46185 (2300928)	3.72
46186 (2300929)	4.12
46187 (2300930)	4.30
46188 (2300931)	2.69
46189 (2300932)	3.22
46190 (2300933)	3.99
46191 (2300934)	1.62
46192 (2300935)	1.63
46193 (2300936)	4.21
46194 (2300937)	3.27
46195C-DUP (2300938)	-
46196 (2300939)	4.19
46197 (2300940)	4.02
46198 (2300941)	4.00
46199 (2300942)	3.94
46200 (2300943)	3.07

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729242

PROJECT: 2021 Surimeau DDH Batch 14

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
46151 (2300894)	<1	7.79	<5	<20	874	<5	1.2	3.23	5.0	68.7	41.2	0.023	1.1	332
46152 (2300895)	<1	0.07	<5	<20	18.9	<5	<0.1	39.1	<0.2	1.1	1.1	<0.005	<0.1	<5
46153 (2300896)	<1	7.37	<5	<20	655	<5	1.3	3.02	5.6	60.9	50.4	0.017	1.1	479
46154 (2300897)	<1	6.91	<5	<20	639	<5	0.5	6.24	<0.2	57.0	43.0	0.045	1.6	339
46155 (2300898)	<1	5.55	<5	<20	948	<5	2.6	1.31	8.7	57.5	65.1	0.014	1.7	779
46156 (2300899)	<1	5.27	<5	<20	923	<5	3.5	0.82	6.7	49.5	93.4	0.016	2.1	690
46157 (2300900)	<1	9.25	<5	<20	691	<5	0.3	1.58	0.3	63.2	29.1	0.030	4.5	510
46158 (2300901)	<1	9.73	<5	<20	579	<5	0.2	1.43	1.3	57.1	32.7	0.030	5.7	127
46159 (2300902)	<1	7.01	<5	<20	487	<5	0.2	0.78	0.2	53.1	22.2	0.021	5.1	53
46160 (2300903)	<1	9.69	<5	<20	570	<5	0.3	1.10	<0.2	59.2	28.5	0.030	6.7	67
46161 (2300904)	<1	9.05	<5	<20	587	<5	0.2	1.25	0.6	66.7	27.6	0.029	4.8	83
46162C-DUP (2300905)	<1	9.31	<5	<20	599	<5	0.1	1.31	0.4	67.0	27.0	0.030	5.5	85
46163 (2300906)	<1	9.33	<5	<20	532	<5	0.1	1.15	4.6	70.1	23.0	0.028	4.0	138
46164 (2300907)	<1	9.03	<5	<20	508	<5	0.3	1.25	2.9	65.7	23.9	0.030	4.0	121
46165 (2300908)	<1	8.89	<5	<20	483	<5	0.3	1.21	4.9	66.3	25.9	0.029	4.5	149
46166 (2300909)	<1	8.61	<5	<20	717	<5	0.2	1.18	2.6	62.1	23.0	0.029	5.4	78
46167 (2300910)	<1	8.93	<5	<20	832	<5	0.3	1.00	1.1	61.4	28.1	0.029	6.0	86
46168 (2300911)	<1	8.53	<5	<20	636	<5	0.2	1.12	0.8	56.3	22.5	0.029	4.2	55
46169 (2300912)	<1	8.88	<5	<20	873	<5	0.4	0.90	<0.2	53.7	24.9	0.033	4.5	45
46170 (2300913)	<1	8.27	<5	<20	605	<5	0.3	1.08	<0.2	57.0	24.0	0.029	5.2	44
46171 (2300914)	<1	9.47	<5	<20	1370	<5	0.2	1.44	0.4	63.8	26.9	0.039	5.4	90
46172 (2300915)	<1	0.30	<5	<20	56.2	<5	<0.1	35.4	<0.2	1.9	1.3	<0.005	<0.1	<5
46173 (2300916)	<1	8.99	7	<20	953	<5	0.2	0.99	0.2	57.5	28.3	0.033	3.7	68
46174 (2300917)	<1	2.19	<5	<20	77.2	<5	<0.1	0.17	<0.2	5.5	14.2	0.033	<0.1	102
46175 (2300918)	<1	8.83	<5	<20	954	<5	0.2	1.04	<0.2	61.4	25.9	0.030	5.0	100
46176 (2300919)	<1	7.80	<5	<20	1050	<5	0.2	1.44	0.3	71.4	22.8	0.034	3.5	73
46177 (2300920)	<1	8.52	<5	<20	789	<5	0.3	1.15	<0.2	57.7	23.9	0.035	4.8	60
46178 (2300921)	<1	8.41	<5	<20	606	<5	0.3	0.87	<0.2	56.5	22.1	0.033	3.1	48
46179 (2300922)	<1	9.05	<5	106	734	<5	0.7	1.07	<0.2	53.1	25.9	0.033	3.6	142
46180 (2300923)	<1	8.13	<5	<20	591	<5	0.3	1.10	<0.2	58.4	23.9	0.036	3.4	61
46181 (2300924)	<1	8.66	<5	<20	650	<5	0.2	1.05	<0.2	54.5	26.1	0.034	5.0	40
46182 (2300925)	<1	8.26	<5	<20	761	<5	0.2	1.13	<0.2	82.2	17.0	0.029	3.9	32

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729242

PROJECT: 2021 Surimeau DDH Batch 14

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
46183 (2300926)	<1	8.56	<5	<20	676	<5	0.6	1.55	<0.2	61.4	24.7	0.033	5.1	51
46184 (2300927)	<1	10.0	<5	<20	955	<5	0.5	1.57	<0.2	59.7	24.8	0.037	5.6	52
46185 (2300928)	<1	8.19	<5	<20	593	<5	1.3	1.54	<0.2	58.3	23.4	0.033	3.5	46
46186 (2300929)	<1	8.30	<5	<20	472	<5	0.4	1.38	<0.2	59.4	23.5	0.035	2.6	47
46187 (2300930)	<1	8.73	<5	<20	745	<5	0.2	1.42	<0.2	62.7	24.5	0.034	3.4	52
46188 (2300931)	<1	8.99	<5	<20	763	<5	0.7	1.06	<0.2	65.7	27.0	0.035	4.6	48
46189 (2300932)	<1	8.61	<5	<20	686	<5	0.4	1.26	0.2	58.9	25.0	0.037	4.0	48
46190 (2300933)	<1	8.02	<5	<20	436	<5	0.2	1.31	0.5	64.7	26.4	0.034	3.3	40
46191 (2300934)	<1	8.62	<5	<20	590	<5	0.2	1.29	0.6	62.3	24.7	0.036	3.4	30
46192 (2300935)	<1	8.49	<5	<20	598	<5	0.2	1.26	0.7	63.1	26.2	0.036	3.0	33
46193 (2300936)	<1	8.39	<5	<20	660	<5	0.2	1.22	0.6	60.8	24.7	0.035	2.9	39
46194 (2300937)	<1	7.63	<5	<20	647	<5	0.4	0.89	0.8	81.1	22.4	0.024	2.8	27
46195C-DUP (2300938)	<1	8.37	<5	<20	747	<5	0.4	0.98	0.6	78.9	21.8	0.033	2.7	33
46196 (2300939)	<1	8.46	<5	<20	679	<5	0.4	1.37	0.3	82.8	21.5	0.029	3.7	37
46197 (2300940)	<1	8.45	<5	<20	1470	<5	0.1	2.90	<0.2	103	26.0	0.024	2.4	36
46198 (2300941)	<1	8.99	<5	<20	522	<5	0.3	1.68	<0.2	78.9	27.0	0.030	2.1	47
46199 (2300942)	<1	9.33	<5	<20	398	<5	0.3	1.29	<0.2	74.7	28.9	0.030	1.2	55
46200 (2300943)	<1	7.88	<5	<20	150	<5	0.3	1.07	<0.2	61.1	25.9	0.031	0.7	79

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729242

PROJECT: 2021 Surimeau DDH Batch 14

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
46151 (2300894)	4.20	2.18	1.99	4.92	20.7	4.98	2	5	0.84	0.6	1.47	32.7	<10	0.35
46152 (2300895)	0.22	0.16	<0.05	0.09	0.29	0.24	<1	<1	0.08	<0.2	<0.05	1.1	<10	<0.05
46153 (2300896)	2.86	1.65	1.61	5.90	19.1	4.25	2	4	0.57	0.6	1.46	29.9	<10	0.31
46154 (2300897)	4.03	1.88	1.60	7.37	18.0	5.22	3	3	0.77	0.3	1.23	26.9	17	0.31
46155 (2300898)	3.75	1.90	1.64	9.58	17.1	4.35	1	3	0.72	0.5	2.59	28.0	28	0.34
46156 (2300899)	3.28	2.01	1.55	13.0	16.8	3.87	1	3	0.71	0.4	2.37	22.6	32	0.37
46157 (2300900)	3.18	1.69	1.44	4.63	24.7	4.46	2	4	0.63	<0.2	2.45	30.4	51	0.26
46158 (2300901)	3.49	1.66	1.38	5.41	26.3	4.21	1	4	0.62	<0.2	2.65	27.1	63	0.26
46159 (2300902)	2.84	1.51	1.00	3.51	19.3	3.55	1	3	0.58	<0.2	1.77	25.6	48	0.23
46160 (2300903)	2.84	1.53	1.21	4.83	23.7	4.22	1	4	0.55	<0.2	2.19	28.8	60	0.25
46161 (2300904)	3.38	1.65	1.31	4.36	21.9	4.35	1	4	0.67	<0.2	1.76	32.8	48	0.22
46162C-DUP (2300905)	3.31	1.72	1.34	4.55	21.9	4.42	1	4	0.65	<0.2	1.83	32.6	49	0.27
46163 (2300906)	3.26	1.75	1.05	4.12	24.6	4.27	1	4	0.64	<0.2	1.55	34.2	45	0.29
46164 (2300907)	3.44	1.60	1.24	4.53	23.0	4.23	1	4	0.66	<0.2	1.63	33.1	48	0.27
46165 (2300908)	3.04	1.64	1.25	4.35	22.7	4.25	1	5	0.60	<0.2	1.56	32.6	43	0.26
46166 (2300909)	3.12	1.40	1.30	4.29	21.5	4.07	1	4	0.55	<0.2	2.09	30.2	50	0.23
46167 (2300910)	3.21	1.40	1.15	4.48	21.7	4.03	1	4	0.59	<0.2	2.27	30.5	51	0.31
46168 (2300911)	3.09	1.53	1.20	4.23	19.8	3.66	1	4	0.54	<0.2	1.79	27.4	44	0.24
46169 (2300912)	2.56	1.33	1.16	4.49	20.5	3.75	1	4	0.51	<0.2	2.64	26.3	47	0.23
46170 (2300913)	2.98	1.48	1.07	4.08	19.8	3.92	1	4	0.58	<0.2	2.16	27.5	42	0.25
46171 (2300914)	2.92	1.67	1.27	5.02	21.5	4.50	1	4	0.62	<0.2	2.66	30.4	47	0.23
46172 (2300915)	0.78	0.44	0.05	0.12	0.95	0.54	1	<1	0.15	<0.2	0.14	1.4	<10	0.07
46173 (2300916)	3.31	1.49	1.13	4.56	22.4	3.85	1	4	0.59	<0.2	2.05	28.2	43	0.21
46174 (2300917)	0.30	0.11	0.20	1.42	5.10	0.44	<1	<1	<0.05	<0.2	0.09	2.7	<10	<0.05
46175 (2300918)	3.52	1.60	1.27	4.29	22.5	4.14	1	4	0.64	<0.2	2.00	29.6	38	0.24
46176 (2300919)	3.54	1.63	1.33	4.49	19.3	5.07	1	5	0.69	<0.2	1.74	34.8	34	0.23
46177 (2300920)	2.79	1.48	1.08	4.24	19.2	3.41	1	4	0.52	<0.2	1.83	28.1	37	0.25
46178 (2300921)	2.78	1.57	1.07	3.84	19.4	3.45	1	4	0.56	<0.2	1.56	27.5	37	0.22
46179 (2300922)	2.68	1.40	1.14	4.30	20.9	3.48	1	4	0.54	<0.2	1.89	25.4	40	0.21
46180 (2300923)	2.62	1.33	1.18	4.30	17.8	3.58	1	4	0.56	<0.2	1.79	29.5	39	0.23
46181 (2300924)	3.28	1.55	0.99	4.33	20.5	3.81	1	4	0.63	<0.2	2.22	26.7	55	0.26
46182 (2300925)	4.89	2.89	0.94	3.40	20.3	5.70	1	5	1.08	<0.2	2.46	40.2	33	0.51

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729242

PROJECT: 2021 Surimeau DDH Batch 14

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
46183 (2300926)	3.09	1.57	1.29	4.20	20.0	3.92	1	4	0.63	<0.2	2.43	30.3	38	0.23
46184 (2300927)	2.83	1.39	1.12	4.86	21.3	3.67	1	4	0.58	<0.2	3.10	29.5	40	0.24
46185 (2300928)	2.54	1.43	1.04	4.02	19.0	3.66	1	5	0.51	<0.2	1.72	28.5	31	0.23
46186 (2300929)	2.76	1.53	1.33	4.03	18.9	3.95	1	5	0.56	<0.2	1.37	28.7	31	0.30
46187 (2300930)	3.18	1.58	1.38	4.48	22.4	4.27	1	4	0.60	<0.2	1.93	30.6	35	0.26
46188 (2300931)	2.96	1.59	1.06	4.75	23.5	4.15	2	4	0.55	<0.2	2.64	30.0	43	0.24
46189 (2300932)	2.59	1.50	1.06	4.21	21.4	3.71	2	4	0.55	<0.2	2.12	27.3	38	0.20
46190 (2300933)	2.72	1.40	1.04	4.26	20.1	4.06	2	4	0.51	<0.2	1.43	30.7	36	0.19
46191 (2300934)	2.83	1.49	0.96	4.30	22.2	3.80	2	4	0.49	<0.2	1.86	28.7	38	0.25
46192 (2300935)	2.74	1.42	1.01	4.29	22.2	4.03	2	4	0.55	<0.2	1.83	29.9	38	0.19
46193 (2300936)	2.89	1.43	1.08	4.17	21.7	3.88	2	4	0.51	<0.2	1.63	27.6	41	0.23
46194 (2300937)	3.76	2.00	0.89	3.50	23.1	4.65	<1	5	0.70	<0.2	1.82	37.3	38	0.30
46195C-DUP (2300938)	3.65	1.80	1.03	3.86	23.9	4.69	2	5	0.67	<0.2	2.03	36.6	42	0.26
46196 (2300939)	4.09	2.01	1.11	4.07	22.9	5.18	2	5	0.71	<0.2	1.90	37.7	40	0.28
46197 (2300940)	4.71	1.86	2.23	5.05	26.2	8.65	3	5	0.83	<0.2	1.42	44.1	33	0.24
46198 (2300941)	3.95	1.68	1.54	4.87	24.0	5.77	3	4	0.66	<0.2	1.29	35.5	40	0.27
46199 (2300942)	3.50	1.98	1.41	4.87	25.9	4.93	2	4	0.68	<0.2	0.95	34.0	36	0.26
46200 (2300943)	3.03	1.57	1.00	4.07	22.7	4.13	2	3	0.64	<0.2	0.41	27.7	32	0.23

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729242

PROJECT: 2021 Surimeau DDH Batch 14

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
46151 (2300894)	0.94	343	17	7	30.3	170	0.06	83	8.98	42.3	2.91	<0.1	20	26.4
46152 (2300895)	1.17	89	<2	<1	0.9	<5	<0.01	<5	0.26	0.9	0.62	<0.1	<5	3.55
46153 (2300896)	0.71	298	14	6	27.6	175	0.05	68	7.74	42.0	3.60	0.1	17	26.8
46154 (2300897)	4.70	1370	5	5	29.2	77	0.14	47	8.20	51.9	3.92	<0.1	35	25.1
46155 (2300898)	0.82	303	16	6	26.0	199	0.04	64	7.58	100	5.78	<0.1	15	23.2
46156 (2300899)	1.01	263	18	6	22.5	275	0.04	56	6.50	97.3	7.57	<0.1	19	21.8
46157 (2300900)	1.91	562	18	8	27.8	121	0.06	30	8.15	103	1.33	<0.1	22	26.9
46158 (2300901)	2.26	627	8	10	26.3	122	0.07	18	7.49	106	0.72	<0.1	21	27.7
46159 (2300902)	1.59	402	6	7	24.1	86	0.02	14	7.06	75.0	0.19	<0.1	15	19.5
46160 (2300903)	2.29	514	11	8	27.2	122	0.05	20	8.05	89.3	0.26	<0.1	20	28.2
46161 (2300904)	2.18	417	13	8	30.4	102	0.07	22	8.55	70.5	0.34	0.2	18	27.6
46162C-DUP (2300905)	2.25	430	12	7	29.5	106	0.07	23	8.66	71.6	0.35	<0.1	19	28.6
46163 (2300906)	2.01	393	8	11	31.6	99	0.06	15	9.28	58.0	0.33	0.1	17	29.2
46164 (2300907)	2.32	470	8	8	29.9	105	0.09	11	8.49	61.7	0.30	<0.1	18	30.1
46165 (2300908)	2.01	427	8	8	29.0	98	0.07	12	8.57	59.1	0.34	<0.1	16	29.5
46166 (2300909)	1.91	531	9	7	27.4	98	0.06	9	8.20	75.5	0.22	<0.1	17	29.0
46167 (2300910)	1.89	527	14	7	28.3	110	0.06	13	7.83	86.9	0.29	<0.1	17	28.4
46168 (2300911)	1.85	467	10	6	25.5	95	0.05	11	7.24	67.1	0.21	<0.1	16	29.5
46169 (2300912)	1.96	499	13	6	23.7	106	0.06	12	7.10	89.4	0.19	<0.1	18	28.9
46170 (2300913)	1.58	466	14	7	25.7	86	0.04	14	7.43	82.7	0.17	<0.1	14	29.1
46171 (2300914)	2.42	563	11	7	30.5	117	0.09	13	8.32	89.5	0.26	<0.1	20	31.2
46172 (2300915)	2.19	102	2	1	1.4	<5	<0.01	<5	0.31	3.1	0.56	<0.1	<5	5.86
46173 (2300916)	1.90	502	10	8	26.1	118	0.05	11	7.47	74.3	0.33	<0.1	17	29.8
46174 (2300917)	0.48	142	25	1	2.8	68	<0.01	<5	0.75	3.2	0.28	<0.1	<5	41.9
46175 (2300918)	1.68	469	10	8	27.2	99	0.06	15	8.06	76.5	0.30	<0.1	16	28.6
46176 (2300919)	2.00	470	15	7	32.7	78	0.11	9	9.64	63.8	0.55	<0.1	16	30.7
46177 (2300920)	1.87	462	13	6	25.4	98	0.07	10	7.44	62.5	0.35	<0.1	15	32.8
46178 (2300921)	1.79	384	13	6	24.5	86	0.06	10	7.25	56.5	0.23	<0.1	14	32.1
46179 (2300922)	1.83	409	13	7	22.9	122	0.03	12	6.80	66.7	0.38	<0.1	14	29.1
46180 (2300923)	1.80	483	12	7	25.2	92	0.07	10	7.37	60.1	0.33	<0.1	14	31.6
46181 (2300924)	2.07	459	15	7	25.6	106	0.06	16	7.04	79.7	0.21	<0.1	17	30.8
46182 (2300925)	1.64	426	15	11	34.9	72	0.05	19	10.2	83.4	0.14	<0.1	12	33.4

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729242

PROJECT: 2021 Surimeau DDH Batch 14

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
46183 (2300926)	1.69	620	12	7	27.9	96	0.07	22	7.58	92.5	0.31	<0.1	16	31.5
46184 (2300927)	1.93	564	15	7	25.8	106	0.06	19	7.80	99.3	0.31	<0.1	17	35.1
46185 (2300928)	1.60	566	13	6	25.1	87	0.06	17	7.20	67.5	0.28	<0.1	14	31.8
46186 (2300929)	1.80	480	14	6	25.7	88	0.07	18	7.49	50.0	0.30	<0.1	14	33.0
46187 (2300930)	1.96	515	17	9	28.0	103	0.07	20	8.13	70.9	0.31	<0.1	16	30.0
46188 (2300931)	2.14	560	12	7	31.3	107	0.08	16	8.22	85.9	0.33	<0.1	18	28.7
46189 (2300932)	1.86	524	14	6	27.4	105	0.06	15	7.05	75.2	0.32	<0.1	16	30.7
46190 (2300933)	1.90	625	13	6	28.5	94	0.07	13	7.78	54.4	0.36	<0.1	15	30.1
46191 (2300934)	1.74	608	14	6	28.5	95	0.06	8	7.78	61.1	0.21	<0.1	16	30.8
46192 (2300935)	1.81	600	14	6	28.0	99	0.07	8	7.43	60.1	0.21	<0.1	16	29.9
46193 (2300936)	1.82	609	14	7	26.1	100	0.06	9	7.05	54.6	0.27	<0.1	16	31.7
46194 (2300937)	1.57	427	12	9	36.3	82	0.04	13	9.65	62.0	0.19	<0.1	13	27.5
46195C-DUP (2300938)	1.79	470	16	9	33.9	95	0.05	14	9.05	64.9	0.23	<0.1	15	29.7
46196 (2300939)	1.93	566	14	9	38.5	81	0.07	18	10.1	69.1	0.29	<0.1	15	30.8
46197 (2300940)	2.37	892	12	9	55.8	73	0.16	23	13.8	51.7	0.33	<0.1	19	29.3
46198 (2300941)	2.20	668	14	8	39.9	101	0.10	17	10.1	39.7	0.31	<0.1	19	29.6
46199 (2300942)	2.24	523	11	8	36.4	113	0.08	19	9.46	24.5	0.32	<0.1	21	28.1
46200 (2300943)	2.04	341	58	7	28.1	105	0.06	12	7.76	15.2	0.58	<0.1	17	26.7

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729242

PROJECT: 2021 Surimeau DDH Batch 14

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
46151 (2300894)	5.6	9	316	0.8	0.71	10.4	0.29	1.0	0.30	3.39	79	<1	20.6	2.2
46152 (2300895)	0.2	<1	84.3	<0.5	<0.05	0.1	<0.01	<0.5	<0.05	0.12	<5	<1	2.7	0.2
46153 (2300896)	4.9	6	271	0.8	0.52	9.2	0.24	1.1	0.24	2.57	69	<1	15.3	1.6
46154 (2300897)	5.7	8	377	<0.5	0.66	5.5	0.47	1.1	0.30	1.66	213	<1	20.0	1.8
46155 (2300898)	5.1	5	111	0.6	0.59	9.6	0.19	1.7	0.30	2.28	63	1	19.1	2.1
46156 (2300899)	4.3	6	80.7	<0.5	0.62	8.0	0.20	1.8	0.31	2.18	69	1	17.1	1.8
46157 (2300900)	5.9	1	254	0.8	0.57	8.5	0.40	1.9	0.26	2.51	146	<1	16.6	1.6
46158 (2300901)	5.0	2	297	0.7	0.59	7.9	0.42	1.2	0.28	2.64	141	<1	16.7	1.7
46159 (2300902)	4.3	1	183	0.6	0.53	7.8	0.30	0.7	0.24	2.28	100	<1	15.8	1.4
46160 (2300903)	5.5	<1	215	0.6	0.57	8.1	0.41	0.8	0.25	2.52	140	<1	15.0	1.5
46161 (2300904)	5.1	<1	333	2.4	0.59	8.5	0.37	0.6	0.24	2.57	135	<1	16.5	1.5
46162C-DUP (2300905)	5.7	<1	343	0.6	0.62	8.6	0.39	0.6	0.26	2.48	139	<1	17.5	1.7
46163 (2300906)	5.2	2	310	0.8	0.60	10.4	0.36	<0.5	0.28	3.22	104	<1	16.0	1.7
46164 (2300907)	5.4	<1	324	0.6	0.63	8.1	0.39	<0.5	0.30	2.61	116	<1	17.8	1.5
46165 (2300908)	5.2	1	330	0.9	0.56	9.1	0.37	<0.5	0.26	2.68	109	<1	16.0	1.5
46166 (2300909)	5.4	<1	312	0.6	0.55	7.8	0.37	0.5	0.26	2.36	115	<1	15.5	1.4
46167 (2300910)	4.9	<1	274	0.7	0.55	8.6	0.38	0.6	0.25	2.61	115	<1	16.1	1.6
46168 (2300911)	4.8	<1	295	0.7	0.50	8.0	0.36	<0.5	0.26	2.43	111	<1	14.2	1.3
46169 (2300912)	4.6	1	216	0.6	0.51	7.8	0.38	0.6	0.21	2.26	125	<1	13.9	1.2
46170 (2300913)	4.9	<1	216	0.7	0.58	7.9	0.35	0.6	0.23	2.59	94	<1	14.7	1.4
46171 (2300914)	5.8	<1	373	0.7	0.64	8.5	0.43	0.6	0.23	2.62	148	<1	15.7	1.5
46172 (2300915)	0.5	<1	74.3	<0.5	0.11	0.5	<0.01	<0.5	0.08	0.42	<5	<1	5.2	0.5
46173 (2300916)	5.1	1	264	0.7	0.55	8.2	0.38	0.5	0.23	2.65	117	<1	14.7	1.4
46174 (2300917)	0.5	<1	77.5	<0.5	0.06	0.3	0.08	<0.5	<0.05	0.17	17	<1	1.4	<0.1
46175 (2300918)	5.3	1	356	0.7	0.60	8.9	0.37	0.6	0.26	2.65	99	<1	16.1	1.4
46176 (2300919)	6.2	<1	463	0.6	0.70	7.7	0.36	<0.5	0.25	2.64	115	<1	16.9	1.5
46177 (2300920)	5.0	<1	320	0.6	0.51	7.7	0.36	<0.5	0.24	2.66	104	<1	14.0	1.4
46178 (2300921)	4.5	<1	259	0.6	0.52	7.7	0.34	<0.5	0.24	2.60	98	<1	14.1	1.4
46179 (2300922)	4.1	<1	321	0.6	0.40	7.6	0.35	<0.5	0.22	2.62	102	<1	13.7	1.2
46180 (2300923)	4.7	<1	238	0.6	0.50	9.2	0.36	<0.5	0.19	3.22	104	<1	13.3	1.3
46181 (2300924)	4.9	1	234	0.7	0.53	7.9	0.36	<0.5	0.27	2.44	119	<1	15.8	1.6
46182 (2300925)	6.6	2	280	1.1	0.86	13.0	0.28	0.5	0.46	3.61	77	1	27.8	2.8

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729242

PROJECT: 2021 Surimeau DDH Batch 14

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
46183 (2300926)	5.4	<1	324	0.7	0.49	8.7	0.35	0.6	0.26	2.60	110	<1	16.0	1.7
46184 (2300927)	5.1	<1	348	0.7	0.50	8.0	0.41	0.7	0.22	2.53	121	1	13.0	1.3
46185 (2300928)	5.0	<1	375	0.6	0.49	8.2	0.34	<0.5	0.19	2.60	98	<1	13.6	1.3
46186 (2300929)	5.1	<1	338	0.6	0.51	8.8	0.34	<0.5	0.23	2.71	100	<1	15.1	1.5
46187 (2300930)	5.6	<1	315	0.7	0.54	8.8	0.37	0.5	0.26	2.86	128	<1	15.4	1.5
46188 (2300931)	4.3	<1	273	<0.5	0.53	8.0	0.40	0.7	0.26	2.21	132	<1	14.1	1.6
46189 (2300932)	4.2	<1	331	<0.5	0.49	7.2	0.35	0.5	0.20	2.21	114	<1	13.3	1.4
46190 (2300933)	4.3	<1	390	<0.5	0.49	7.8	0.35	<0.5	0.21	2.27	107	<1	13.8	1.3
46191 (2300934)	4.6	<1	335	<0.5	0.48	7.3	0.35	<0.5	0.23	2.17	110	<1	13.5	1.4
46192 (2300935)	4.7	<1	321	<0.5	0.48	7.5	0.35	<0.5	0.26	2.31	112	<1	14.6	1.6
46193 (2300936)	4.3	<1	337	<0.5	0.47	7.5	0.35	<0.5	0.23	2.28	109	<1	14.1	1.4
46194 (2300937)	5.6	<1	243	0.6	0.62	12.6	0.29	<0.5	0.31	3.54	80	<1	18.7	2.0
46195C-DUP (2300938)	5.1	1	266	0.7	0.63	12.1	0.31	<0.5	0.30	3.21	96	1	18.1	2.0
46196 (2300939)	6.5	<1	388	0.7	0.68	11.6	0.33	0.6	0.29	3.55	100	<1	18.7	1.9
46197 (2300940)	9.8	1	788	0.5	1.05	8.9	0.39	<0.5	0.28	3.20	125	<1	21.6	1.7
46198 (2300941)	6.7	2	369	0.5	0.73	7.8	0.39	<0.5	0.24	2.58	131	<1	17.0	1.7
46199 (2300942)	6.0	<1	332	0.5	0.73	7.9	0.40	<0.5	0.27	2.48	144	<1	17.5	1.6
46200 (2300943)	4.0	<1	213	<0.5	0.56	7.6	0.33	<0.5	0.23	2.18	121	<1	16.3	1.5

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729242

PROJECT: 2021 Surimeau DDH Batch 14

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
46151 (2300894)	2270	158
46152 (2300895)	8	2.3
46153 (2300896)	2820	120
46154 (2300897)	203	102
46155 (2300898)	4370	108
46156 (2300899)	3300	85.6
46157 (2300900)	166	124
46158 (2300901)	332	136
46159 (2300902)	200	118
46160 (2300903)	169	135
46161 (2300904)	257	160
46162C-DUP (2300905)	277	144
46163 (2300906)	574	156
46164 (2300907)	578	149
46165 (2300908)	676	153
46166 (2300909)	435	137
46167 (2300910)	340	143
46168 (2300911)	206	141
46169 (2300912)	99	125
46170 (2300913)	86	141
46171 (2300914)	207	137
46172 (2300915)	<5	4.6
46173 (2300916)	132	143
46174 (2300917)	34	5.9
46175 (2300918)	167	146
46176 (2300919)	122	158
46177 (2300920)	109	142
46178 (2300921)	67	145
46179 (2300922)	115	152
46180 (2300923)	110	168
46181 (2300924)	67	123
46182 (2300925)	70	152

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729242

PROJECT: 2021 Surimeau DDH Batch 14

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
46183 (2300926)	83	150
46184 (2300927)	100	139
46185 (2300928)	83	161
46186 (2300929)	54	166
46187 (2300930)	85	151
46188 (2300931)	86	141
46189 (2300932)	130	139
46190 (2300933)	257	143
46191 (2300934)	260	132
46192 (2300935)	261	137
46193 (2300936)	322	137
46194 (2300937)	191	168
46195C-DUP (2300938)	226	164
46196 (2300939)	106	170
46197 (2300940)	114	169
46198 (2300941)	85	145
46199 (2300942)	24	127
46200 (2300943)	10	130

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729242

PROJECT: 2021 Surimeau DDH Batch 14

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
46151 (2300894)	90.42
46170 (2300913)	91.52
46190 (2300933)	83.21

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729242

PROJECT: 2021 Surimeau DDH Batch 14

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
46151 (2300894)	88.97
46168 (2300911)	85.00
46186 (2300929)	85.53

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3							
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	2300894	< 1	< 1	0.0%	2300908	< 1	< 1	0.0%	2300919	< 1	< 1	0.0%				
Al	2300894	7.79	7.88	1.1%	2300908	8.89	8.67	2.5%	2300919	7.80	7.82	0.3%	2300934	8.62	8.51	1.3%
As	2300894	< 5	< 5	0.0%	2300908	< 5	< 5	0.0%	2300919	< 5	< 5	0.0%				
B	2300894	< 20	< 20	0.0%	2300908	< 20	< 20	0.0%	2300919	< 20	< 20	0.0%	2300934	< 20	< 20	0.0%
Ba	2300894	874	866	0.9%	2300908	483	488	1.0%	2300919	1050	1050	0.0%	2300934	590	612	3.7%
Be	2300894	< 5	< 5	0.0%	2300908	< 5	< 5	0.0%	2300919	< 5	< 5	0.0%				
Bi	2300894	1.2	1.2	0.0%	2300908	0.3	0.3	0.0%	2300919	0.2	0.2	0.0%				
Ca	2300894	3.23	3.28	1.5%	2300908	1.21	1.17	3.4%	2300919	1.44	1.47	2.1%	2300934	1.29	1.29	0.0%
Cd	2300894	4.96	4.44	11.1%	2300908	4.89	4.54	7.4%	2300919	0.3	0.3	0.0%				
Ce	2300894	68.7	70.3	2.3%	2300908	66.3	62.2	6.4%	2300919	71.4	72.1	1.0%				
Co	2300894	41.2	43.3	5.0%	2300908	25.9	24.5	5.6%	2300919	22.8	22.1	3.1%				
Cr	2300894	0.0226	0.0194	15.2%	2300908	0.0287	0.0285	0.7%	2300919	0.034	0.030	12.5%	2300934	0.036	0.037	2.7%
Cs	2300894	1.1	1.1	0.0%	2300908	4.5	4.2	6.9%	2300919	3.5	3.6	2.8%				
Cu	2300894	332	333	0.3%	2300908	149	146	2.0%	2300919	73	75	2.7%	2300934	30	33	9.5%
Dy	2300894	4.20	3.91	7.2%	2300908	3.04	2.73	10.7%	2300919	3.54	3.77	6.3%				
Er	2300894	2.18	2.26	3.6%	2300908	1.64	1.57	4.4%	2300919	1.63	1.72	5.4%				
Eu	2300894	1.99	1.87	6.2%	2300908	1.25	1.17	6.6%	2300919	1.33	1.48	10.7%				
Fe	2300894	4.92	5.03	2.2%	2300908	4.35	4.24	2.6%	2300919	4.49	4.46	0.7%	2300934	4.30	4.21	2.1%
Ga	2300894	20.7	21.0	1.4%	2300908	22.7	21.5	5.4%	2300919	19.3	18.6	3.7%				
Gd	2300894	4.98	4.97	0.2%	2300908	4.25	4.02	5.6%	2300919	5.07	5.24	3.3%				
Ge	2300894	2	2	0.0%	2300908	1	1	0.0%	2300919	1	1	0.0%				
Hf	2300894	5	5	0.0%	2300908	5	4	22.2%	2300919	5	4	22.2%				
Ho	2300894	0.84	0.79	6.1%	2300908	0.60	0.57	5.1%	2300919	0.686	0.612	11.4%				
In	2300894	0.6	0.6	0.0%	2300908	< 0.2	< 0.2	0.0%	2300919	< 0.2	< 0.2	0.0%				
K	2300894	1.47	1.47	0.0%	2300908	1.56	1.51	3.3%	2300919	1.74	1.72	1.2%	2300934	1.86	1.84	1.1%
La	2300894	32.7	33.4	2.1%	2300908	32.6	31.4	3.8%	2300919	34.8	35.4	1.7%				
Li	2300894	< 10	< 10	0.0%	2300908	43	42	2.4%	2300919	34	35	2.9%	2300934	38	38	0.0%
Lu	2300894	0.35	0.39	10.8%	2300908	0.26	0.23	12.2%	2300919	0.23	0.23	0.0%				
Mg	2300894	0.94	0.95	1.1%	2300908	2.01	1.99	1.0%	2300919	2.00	1.99	0.5%	2300934	1.74	1.80	3.4%
Mn	2300894	343	351	2.3%	2300908	427	420	1.7%	2300919	470	473	0.6%	2300934	608	611	0.5%
Mo	2300894	17	14	19.4%	2300908	8	8	0.0%	2300919	15	12	22.2%				

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

Nb	2300894	7	7	0.0%	2300908	8	8	0.0%	2300919	7	6	15.4%				
Nd	2300894	30.3	32.0	5.5%	2300908	29.0	27.9	3.9%	2300919	32.7	33.8	3.3%				
Ni	2300894	170	165	3.0%	2300908	98	96	2.1%	2300919	78	77	1.3%	2300934	95	99	4.1%
P	2300894	0.06	0.06	0.0%	2300908	0.07	0.06	15.4%	2300919	0.11	0.12	8.7%	2300934	0.06	0.06	0.0%
Pb	2300894	83	85	2.4%	2300908	12	12	0.0%	2300919	9	10	10.5%				
Pr	2300894	8.98	9.31	3.6%	2300908	8.57	8.29	3.3%	2300919	9.64	9.57	0.7%				
Rb	2300894	42.3	41.8	1.2%	2300908	59.1	54.8	7.6%	2300919	63.8	63.0	1.3%				
S	2300894	2.91	2.94	1.0%	2300908	0.34	0.35	2.9%	2300919	0.55	0.56	1.8%	2300934	0.211	0.228	7.7%
Sb	2300894	< 0.1	< 0.1	0.0%	2300908	< 0.1	< 0.1	0.0%	2300919	< 0.1	< 0.1	0.0%				
Sc	2300894	20	20	0.0%	2300908	16	16	0.0%	2300919	16	16	0.0%	2300934	16	16	0.0%
Si	2300894	26.4	26.7	1.1%	2300908	29.5	28.9	2.1%	2300919	30.7	31.0	1.0%	2300934	30.8	30.8	0.0%
Sm	2300894	5.65	5.77	2.1%	2300908	5.2	5.4	3.8%	2300919	6.2	6.4	3.2%				
Sn	2300894	9	8	11.8%	2300908	1	1	0.0%	2300919	< 1	< 1	0.0%				
Sr	2300894	316	323	2.2%	2300908	330	324	1.8%	2300919	463	469	1.3%	2300934	335	332	0.9%
Ta	2300894	0.79	0.71	10.7%	2300908	0.9	0.6		2300919	0.6	0.6	0.0%				
Tb	2300894	0.71	0.69	2.9%	2300908	0.56	0.49	13.3%	2300919	0.695	0.612	12.7%				
Th	2300894	10.4	10.4	0.0%	2300908	9.1	8.4	8.0%	2300919	7.7	7.8	1.3%				
Ti	2300894	0.29	0.29	0.0%	2300908	0.37	0.36	2.7%	2300919	0.36	0.36	0.0%	2300934	0.35	0.35	0.0%
Tl	2300894	1.0	1.0	0.0%	2300908	< 0.5	< 0.5	0.0%	2300919	< 0.5	< 0.5	0.0%				
Tm	2300894	0.304	0.385	23.5%	2300908	0.255	0.252	1.2%	2300919	0.25	0.28	11.3%				
U	2300894	3.39	3.23	4.8%	2300908	2.68	2.67	0.4%	2300919	2.64	2.65	0.4%				
V	2300894	79	80	1.3%	2300908	109	108	0.9%	2300919	115	114	0.9%	2300934	110	116	5.3%
W	2300894	< 1	< 1	0.0%	2300908	< 1	< 1	0.0%	2300919	< 1	< 1	0.0%				
Y	2300894	20.6	20.4	1.0%	2300908	16.0	14.9	7.1%	2300919	16.9	17.9	5.7%				
Yb	2300894	2.2	2.3	4.4%	2300908	1.45	1.41	2.8%	2300919	1.5	1.5	0.0%				
Zn	2300894	2270	2330	2.6%	2300908	676	676	0.0%	2300919	122	124	1.6%	2300934	260	261	0.4%
Zr	2300894	158	170	7.3%	2300908	153	141	8.2%	2300919	158	147	7.2%				

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O729242

PROJECT: 2021 Surimeau DDH Batch 14

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.18	97%	90% - 110%					6.94	6.75	97%	90% - 110%	13.0	12.9	99%	90% - 110%
As	26	27	104%	90% - 110%												
Ba	540	536	99%	90% - 110%									1310	1347	103%	90% - 110%
Ca	0.907	0.847	93%	90% - 110%					4.01	3.94	98%	90% - 110%	1.42	1.4	99%	90% - 110%
Ce	98	98	100%	90% - 110%	58.2	60.6	104%	90% - 110%								
Co	15	15	102%	90% - 110%												
Cu	150	156	104%	90% - 110%									6.4	5	78%	90% - 110%
Er	3.7	4.2	112%	90% - 110%												
Eu	1.0	1.27	127%	90% - 110%												
Fe	3.77	3.85	102%	90% - 110%					7.56	7.63	101%	90% - 110%	3.27	3.38	104%	90% - 110%
Ga					22.6	22.4	99%	90% - 110%								
Hf	11	11	99%	90% - 110%												
K	2.55	2.44	96%	90% - 110%					2.02	1.95	96%	90% - 110%	3.68	3.73	101%	90% - 110%
La	44	44	100%	90% - 110%	27.5	30.3	110%	90% - 110%								
Li	47	49	104%	90% - 110%									65.0	70.4	108%	90% - 110%
Lu	0.6	0.6	106%	90% - 110%												
Mg	1.1	1.1	96%	90% - 110%					2.41	2.36	98%	90% - 110%				
Mn	780	787	101%	90% - 110%												
Mo	14	14	98%	90% - 110%												
Nb	20	19	97%	90% - 110%	22.6	22.3	98%	90% - 110%								
Nd					27.3	29.1	107%	90% - 110%								
P													0.061	0.0583	96%	90% - 110%
Pb	31	34	109%	90% - 110%												
Rb	144	143	99%	90% - 110%	85.4	92.4	108%	90% - 110%								
Sc	12	13	106%	90% - 110%												
Si	28.4	29.1	102%	90% - 110%					23.65	24.04	102%	90% - 110%	24.4	25.4	104%	90% - 110%
Sm	7.4	7.9	107%	90% - 110%												
Sr	144	151	105%	90% - 110%									310	330	106%	90% - 110%
Ta	1.9	2.5	130%	90% - 110%												
Tb	1.2	1.2	103%	90% - 110%												
Th	18.4	19.4	105%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

Ti	0.527	0.524	99%	90% - 110%									0.222	0.222	100%	90% - 110%
U	5.7	5.9	104%	90% - 110%												
V	77	79	102%	90% - 110%												
W	5	5	107%	90% - 110%												
Y	40	42	104%	90% - 110%	25.3	27.9	110%	90% - 110%								
Yb					2.66	2.86	108%	90% - 110%								
Zn	130	123	95%	90% - 110%									75.4	79.4	105%	90% - 110%
Zr	390	382	98%	90% - 110%	157	166	105%	90% - 110%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O729242

PROJECT: 2021 Surimeau DDH Batch 14

ATTENTION TO: Brian Newton, Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O729242

PROJECT: 2021 Surimeau DDH Batch 14

ATTENTION TO: Brian Newton, Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O729242

PROJECT: 2021 Surimeau DDH Batch 14

ATTENTION TO: Brian Newton, Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Brian Newton, Francis Newton

PROJECT: 2021 Surimeau DDH Batch 10

AGAT WORK ORDER: 21O729243

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Jun 22, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729243

PROJECT: 2021 Surimeau DDH Batch 10

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
45951 (2300944)	2.23
45952 (2300945)	0.83
45953 (2300946)	2.91
45954 (2300947)	4.20
45955 (2300948)	0.07
45956 (2300949)	3.08
45957 (2300950)	3.79
45958 (2300951)	2.87
45959 (2300952)	3.83
45960 (2300953)	3.27
45961 (2300954)	2.72
45962 C-DUP (2300955)	-
45963 (2300956)	1.93
45964 (2300957)	1.39
45965 (2300958)	1.16
45966 (2300959)	1.63
45967 (2300960)	2.67
45968 (2300961)	4.70
45969 (2300962)	4.30
45970 (2300963)	4.54
45971 (2300964)	4.22
45972 (2300965)	0.89
45973 (2300966)	4.18
45974 (2300967)	4.36
45975 (2300968)	4.24
45976 (2300969)	4.22
45977 (2300970)	4.28
45978 (2300971)	4.45
45979 (2300972)	4.52
45980 (2300973)	4.34
45981 (2300974)	4.01

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729243

PROJECT: 2021 Surimeau DDH Batch 10

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
45982 (2300975)	4.14
45983 (2300976)	4.65
45984 (2300977)	4.65
45985 (2300978)	4.62
45986 (2300979)	4.12
45987 (2300980)	4.58
45988 (2300981)	4.60
45989 (2300982)	4.31
45990 (2300983)	4.32
45991 (2300984)	2.10
45992 (2300985)	2.23
45993 (2300986)	4.11
45994 (2300987)	4.50
45995 C-DUP (2300988)	-
45996 (2300989)	3.69
45997 (2300990)	3.45
45998 (2300991)	4.54
45999 (2300992)	4.48
46000 (2300993)	4.46

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729243

PROJECT: 2021 Surimeau DDH Batch 10

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
45951 (2300944)	<1	8.61	<5	<20	1910	<5	0.1	2.09	<0.2	118	8.2	<0.005	1.5	21
45952 (2300945)	<1	0.05	<5	<20	23.8	<5	<0.1	37.7	<0.2	1.2	1.3	<0.005	<0.1	6
45953 (2300946)	<1	6.24	<5	28	1160	<5	1.4	3.33	25.0	50.3	153	0.026	6.7	764
45954 (2300947)	<1	4.97	<5	29	315	<5	1.0	5.80	<0.2	6.2	157	0.346	0.9	311
45955 (2300948)	4	1.04	29	71	58.6	<5	0.8	2.38	1.1	14.1	1210	0.022	0.7	14400
45956 (2300949)	<1	5.60	<5	27	630	<5	1.1	5.59	0.8	7.8	172	0.357	6.5	315
45957 (2300950)	<1	5.15	<5	24	179	<5	0.9	7.91	<0.2	7.5	164	0.350	0.4	127
45958 (2300951)	2	5.52	<5	25	321	<5	0.7	6.19	<0.2	10.9	130	0.360	1.2	692
45959 (2300952)	2	5.54	<5	30	95.2	<5	2.1	7.77	9.4	39.7	183	0.026	0.3	821
45960 (2300953)	1	5.40	<5	21	1270	<5	0.6	7.91	<0.2	4.8	144	0.386	0.5	641
45961 (2300954)	<1	5.21	<5	24	51.3	<5	0.1	5.67	<0.2	4.8	137	0.377	4.1	74
45962 C-DUP (2300955)	<1	5.23	<5	29	56.8	<5	<0.1	5.67	<0.2	4.6	141	0.393	4.4	70
45963 (2300956)	<1	5.65	<5	31	53.2	<5	<0.1	7.29	<0.2	4.9	147	0.406	0.7	72
45964 (2300957)	<1	5.42	21	28	122	<5	0.2	8.61	0.2	6.5	217	0.378	2.8	185
45965 (2300958)	<1	5.47	28	28	126	<5	0.2	8.76	0.2	5.9	219	0.376	3.1	183
45966 (2300959)	1	3.58	<5	33	87.6	<5	1.4	9.55	6.3	11.8	257	0.137	0.3	784
45967 (2300960)	<1	5.79	18	26	189	<5	0.1	6.17	<0.2	4.2	159	0.407	3.2	78
45968 (2300961)	<1	5.52	<5	20	101	<5	0.3	9.40	<0.2	4.4	127	0.356	2.8	53
45969 (2300962)	<1	3.31	<5	<20	0.8	<5	0.7	5.81	<0.2	1.3	110	0.232	0.3	63
45970 (2300963)	<1	3.65	<5	<20	3.3	<5	0.5	8.45	<0.2	1.8	107	0.263	0.4	59
45971 (2300964)	<1	3.32	<5	22	<0.5	<5	0.6	4.67	<0.2	1.3	109	0.263	0.4	53
45972 (2300965)	<1	0.30	<5	<20	28.5	<5	<0.1	37.3	<0.2	1.4	1.8	<0.005	<0.1	8
45973 (2300966)	<1	3.82	<5	21	1.5	<5	0.4	4.78	<0.2	1.9	113	0.279	0.4	78
45974 (2300967)	<1	3.01	<5	20	0.8	<5	0.3	5.91	<0.2	1.9	98.4	0.226	0.3	64
45975 (2300968)	<1	3.03	<5	<20	5.0	<5	0.7	6.47	<0.2	2.3	100	0.219	0.4	43
45976 (2300969)	<1	3.25	30	<20	2.7	<5	0.4	7.89	<0.2	2.6	101	0.234	0.3	98
45977 (2300970)	<1	3.82	<5	21	1.3	<5	0.5	5.69	<0.2	1.8	112	0.268	0.5	53
45978 (2300971)	<1	3.78	<5	23	0.9	<5	0.4	5.21	<0.2	1.7	110	0.272	0.4	103
45979 (2300972)	<1	3.10	<5	<20	1.7	<5	0.7	5.03	<0.2	1.8	101	0.224	0.6	41
45980 (2300973)	<1	3.71	<5	20	1.6	<5	0.4	3.86	<0.2	1.5	103	0.270	0.5	46
45981 (2300974)	<1	3.24	<5	21	2.3	<5	0.5	4.77	<0.2	1.7	103	0.233	0.6	44
45982 (2300975)	<1	3.69	<5	<20	1.9	<5	0.4	5.34	<0.2	1.7	110	0.263	0.6	75

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729243

PROJECT: 2021 Surimeau DDH Batch 10

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
45983 (2300976)	<1	3.57	<5	<20	2.1	<5	0.5	5.42	<0.2	1.8	111	0.279	0.6	89
45984 (2300977)	<1	3.74	<5	<20	2.1	<5	0.3	5.47	<0.2	2.3	102	0.264	0.5	76
45985 (2300978)	<1	3.11	<5	21	2.2	<5	0.4	4.92	<0.2	1.7	101	0.231	0.5	30
45986 (2300979)	<1	3.26	<5	<20	142	<5	0.3	7.28	<0.2	1.9	100	0.229	3.5	63
45987 (2300980)	<1	3.59	<5	<20	64.4	<5	0.1	6.84	<0.2	2.5	96.1	0.240	1.8	83
45988 (2300981)	<1	3.82	<5	23	4.6	<5	0.3	3.79	<0.2	1.8	111	0.259	0.8	38
45989 (2300982)	<1	4.29	<5	<20	2.3	<5	0.1	4.22	<0.2	13.3	94.1	0.220	0.5	142
45990 (2300983)	<1	3.29	<5	23	2.9	<5	0.2	4.03	<0.2	2.7	99.3	0.225	0.9	42
45991 (2300984)	<1	3.14	<5	<20	2.5	<5	0.1	4.26	<0.2	2.6	97.4	0.204	0.6	23
45992 (2300985)	<1	3.27	<5	<20	1.9	<5	0.1	4.60	<0.2	2.7	92.3	0.209	0.7	24
45993 (2300986)	<1	3.43	<5	26	2.3	<5	0.3	3.39	<0.2	1.9	104	0.229	0.7	51
45994 (2300987)	<1	3.56	<5	21	2.8	<5	0.2	3.47	<0.2	1.9	107	0.251	0.8	112
45995 C-DUP (2300988)	<1	3.56	<5	22	3.1	<5	0.2	3.57	<0.2	1.9	110	0.242	0.8	104
45996 (2300989)	<1	3.53	<5	<20	2.3	<5	0.2	3.72	<0.2	1.7	105	0.231	0.6	76
45997 (2300990)	<1	4.04	<5	22	1.2	<5	0.2	4.37	<0.2	2.2	106	0.259	0.4	126
45998 (2300991)	<1	3.67	<5	22	0.7	<5	0.2	5.24	<0.2	2.4	108	0.261	0.5	128
45999 (2300992)	<1	3.32	<5	<20	6.9	<5	0.2	5.05	<0.2	2.4	104	0.232	0.4	87
46000 (2300993)	<1	2.83	<5	<20	1.5	<5	0.2	3.96	<0.2	1.8	106	0.221	0.6	27

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729243

PROJECT: 2021 Surimeau DDH Batch 10

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
45951 (2300944)	1.89	0.63	0.80	1.93	27.3	5.80	1	5	0.29	<0.2	1.57	55.9	20	0.06
45952 (2300945)	0.25	0.19	<0.05	0.10	0.25	0.29	1	<1	0.06	<0.2	<0.05	1.4	<10	<0.05
45953 (2300946)	4.42	2.79	1.02	12.7	25.7	5.47	2	3	0.92	4.4	1.95	22.5	62	0.45
45954 (2300947)	3.06	2.03	0.71	10.7	13.6	2.52	4	<1	0.69	<0.2	0.37	3.0	19	0.33
45955 (2300948)	1.08	0.62	0.26	33.3	3.74	1.36	1	<1	0.22	<0.2	0.09	7.2	<10	0.09
45956 (2300949)	2.79	1.77	0.30	12.3	17.9	2.37	4	<1	0.58	<0.2	1.53	3.9	88	0.26
45957 (2300950)	2.68	1.74	0.56	8.38	16.5	2.26	4	<1	0.60	0.2	0.25	3.5	24	0.27
45958 (2300951)	2.70	1.72	0.51	9.45	19.5	2.40	5	1	0.61	<0.2	0.47	5.0	49	0.26
45959 (2300952)	5.54	3.90	1.40	12.3	21.5	5.06	3	4	1.20	1.2	0.12	16.7	<10	0.68
45960 (2300953)	2.64	1.77	<0.05	8.87	13.8	2.01	4	<1	0.57	<0.2	1.29	2.3	23	0.26
45961 (2300954)	2.82	1.86	0.51	9.73	13.9	2.20	5	<1	0.60	<0.2	0.69	2.1	54	0.28
45962 C-DUP (2300955)	2.90	1.93	0.54	10.0	14.0	2.10	5	<1	0.64	<0.2	0.73	2.0	62	0.30
45963 (2300956)	2.87	2.01	0.55	13.2	15.3	2.29	7	<1	0.63	<0.2	0.33	2.2	34	0.30
45964 (2300957)	3.19	2.04	0.62	11.6	14.5	2.53	7	<1	0.65	<0.2	0.52	3.1	46	0.32
45965 (2300958)	3.07	2.01	0.55	11.3	14.8	2.37	7	<1	0.66	<0.2	0.55	2.7	49	0.30
45966 (2300959)	2.80	1.97	0.59	16.2	11.3	2.26	5	1	0.63	0.5	0.16	5.7	20	0.35
45967 (2300960)	2.89	1.89	0.50	10.3	15.2	2.26	3	<1	0.62	<0.2	0.43	1.8	37	0.28
45968 (2300961)	2.58	1.62	0.46	8.26	13.6	2.04	2	<1	0.57	<0.2	0.50	2.0	40	0.25
45969 (2300962)	1.43	0.87	<0.05	7.28	9.04	1.05	3	<1	0.30	<0.2	<0.05	0.5	<10	0.13
45970 (2300963)	1.46	0.93	0.20	7.37	9.07	1.14	2	<1	0.30	<0.2	0.06	0.7	<10	0.14
45971 (2300964)	1.36	0.92	0.06	7.00	9.04	1.02	2	<1	0.29	<0.2	<0.05	0.4	<10	0.12
45972 (2300965)	0.41	0.27	<0.05	0.13	1.04	0.40	2	<1	0.09	<0.2	0.13	1.4	<10	<0.05
45973 (2300966)	1.58	1.05	0.11	7.84	9.25	1.17	2	<1	0.32	<0.2	<0.05	0.7	<10	0.15
45974 (2300967)	1.51	0.97	0.15	7.23	7.07	1.21	2	<1	0.34	<0.2	<0.05	0.7	<10	0.15
45975 (2300968)	1.50	0.93	0.20	6.90	7.58	1.23	2	<1	0.31	<0.2	<0.05	0.9	<10	0.12
45976 (2300969)	1.77	1.11	0.31	7.11	7.75	1.39	2	<1	0.38	<0.2	<0.05	0.9	<10	0.16
45977 (2300970)	1.40	0.87	0.21	7.47	9.66	1.15	2	<1	0.31	<0.2	<0.05	0.6	<10	0.13
45978 (2300971)	1.57	1.04	0.19	7.82	8.97	1.21	2	<1	0.35	<0.2	<0.05	0.6	<10	0.15
45979 (2300972)	1.35	0.83	0.17	7.06	8.22	1.04	2	<1	0.28	<0.2	<0.05	0.7	<10	0.12
45980 (2300973)	1.47	0.94	0.11	7.52	9.12	1.05	2	<1	0.31	<0.2	<0.05	0.5	<10	0.13
45981 (2300974)	1.36	0.90	0.17	7.31	8.21	1.08	2	<1	0.30	<0.2	<0.05	0.6	<10	0.12
45982 (2300975)	1.51	0.94	0.20	7.76	9.05	1.20	2	<1	0.32	<0.2	<0.05	0.5	<10	0.13

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729243

PROJECT: 2021 Surimeau DDH Batch 10

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
45983 (2300976)	1.41	0.91	0.22	7.38	8.96	1.13	2	<1	0.31	<0.2	<0.05	0.6	<10	0.12
45984 (2300977)	1.80	1.21	0.18	7.66	8.89	1.40	2	<1	0.38	<0.2	<0.05	0.8	<10	0.17
45985 (2300978)	1.45	0.90	0.13	7.41	8.33	1.14	2	<1	0.33	<0.2	<0.05	0.6	<10	0.13
45986 (2300979)	1.58	0.99	0.37	6.96	8.86	1.16	2	<1	0.33	<0.2	0.31	0.7	12	0.14
45987 (2300980)	1.94	1.26	0.44	7.44	8.59	1.53	2	<1	0.41	<0.2	0.14	0.8	<10	0.18
45988 (2300981)	1.32	0.75	0.17	7.32	10.0	1.01	2	<1	0.27	<0.2	<0.05	0.6	<10	0.11
45989 (2300982)	2.34	1.53	0.32	7.19	10.3	2.27	2	<1	0.50	<0.2	<0.05	6.0	<10	0.20
45990 (2300983)	1.66	1.01	0.25	7.08	8.70	1.19	2	<1	0.33	<0.2	<0.05	1.0	<10	0.13
45991 (2300984)	1.66	1.12	0.24	6.75	8.16	1.40	2	<1	0.37	<0.2	<0.05	1.0	<10	0.15
45992 (2300985)	1.76	1.07	0.22	6.98	8.32	1.46	2	<1	0.38	<0.2	<0.05	1.0	<10	0.15
45993 (2300986)	1.51	0.91	0.17	7.25	9.17	1.09	2	<1	0.33	<0.2	<0.05	0.6	<10	0.14
45994 (2300987)	1.72	1.12	0.19	7.57	9.07	1.42	2	<1	0.36	<0.2	<0.05	0.6	<10	0.15
45995 C-DUP (2300988)	1.84	1.17	0.20	7.65	9.13	1.36	2	<1	0.38	<0.2	<0.05	0.7	<10	0.16
45996 (2300989)	1.71	1.03	0.20	7.31	9.41	1.33	2	<1	0.35	<0.2	<0.05	0.5	<10	0.15
45997 (2300990)	1.92	1.18	0.25	8.02	10.5	1.44	2	<1	0.40	<0.2	<0.05	0.7	<10	0.16
45998 (2300991)	1.62	0.97	0.29	7.80	9.33	1.33	2	<1	0.33	<0.2	<0.05	0.8	<10	0.15
45999 (2300992)	1.77	1.03	0.19	7.22	8.58	1.37	2	<1	0.35	<0.2	<0.05	0.8	<10	0.15
46000 (2300993)	1.39	0.94	0.15	6.62	7.89	1.07	2	<1	0.30	<0.2	<0.05	0.6	<10	0.13

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729243

PROJECT: 2021 Surimeau DDH Batch 10

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
45951 (2300944)	0.74	256	8	4	55.0	10	0.10	42	14.2	41.6	0.25	<0.1	<5	32.0
45952 (2300945)	1.29	99	<2	<1	1.0	<5	<0.01	<5	0.24	0.4	<0.01	<0.1	<5	4.37
45953 (2300946)	3.79	1740	23	5	26.1	819	0.08	30	6.29	111	6.69	<0.1	19	23.1
45954 (2300947)	4.15	6440	6	2	4.7	1580	0.01	15	0.92	13.6	4.48	<0.1	35	24.5
45955 (2300948)	1.79	575	3	1	6.7	21700	<0.01	46	1.61	4.0	20.8	0.4	9	6.74
45956 (2300949)	4.41	5960	7	1	5.4	1720	<0.01	15	1.06	67.7	4.56	<0.1	38	22.0
45957 (2300950)	3.82	5960	11	2	5.1	2320	0.02	15	1.07	7.5	2.35	<0.1	34	26.0
45958 (2300951)	5.28	5380	5	2	6.7	1570	0.02	24	1.48	23.5	4.45	<0.1	36	25.1
45959 (2300952)	0.72	2540	11	6	21.2	1400	0.05	86	5.06	2.1	7.33	<0.1	17	22.1
45960 (2300953)	2.80	6600	8	2	3.6	1670	<0.01	22	0.68	38.9	4.67	<0.1	37	25.3
45961 (2300954)	4.38	6110	5	1	3.8	1880	<0.01	<5	0.73	26.8	0.59	<0.1	36	27.6
45962 C-DUP (2300955)	4.58	6220	6	2	3.7	1940	<0.01	<5	0.68	29.5	0.56	<0.1	37	27.5
45963 (2300956)	4.42	7130	4	1	3.8	2030	<0.01	<5	0.73	7.3	0.64	<0.1	39	25.8
45964 (2300957)	3.82	7880	6	2	4.8	2510	0.01	10	0.91	22.4	1.81	<0.1	36	23.8
45965 (2300958)	3.94	7220	4	2	4.5	2700	<0.01	9	0.87	24.3	1.83	<0.1	37	23.2
45966 (2300959)	2.35	8790	7	2	6.9	2120	0.01	20	1.52	4.8	7.87	<0.1	18	19.6
45967 (2300960)	4.29	5070	4	2	3.6	2140	<0.01	<5	0.68	24.0	0.38	<0.1	40	26.5
45968 (2300961)	7.84	3170	<2	1	3.5	1250	0.02	<5	0.64	19.2	0.12	<0.1	37	22.4
45969 (2300962)	15.2	1360	<2	1	1.5	1490	<0.01	<5	0.24	0.5	0.31	<0.1	22	22.0
45970 (2300963)	13.9	1650	<2	1	1.8	1360	<0.01	<5	0.30	1.0	0.31	<0.1	25	20.6
45971 (2300964)	16.7	1210	<2	1	1.4	1440	<0.01	<5	0.23	0.7	0.16	<0.1	24	22.2
45972 (2300965)	1.84	107	<2	1	1.2	<5	<0.01	<5	0.27	3.8	<0.01	<0.1	<5	6.87
45973 (2300966)	16.7	1390	<2	1	1.8	1300	<0.01	<5	0.32	0.6	0.24	<0.1	26	20.3
45974 (2300967)	16.0	1440	<2	1	1.8	1170	<0.01	<5	0.32	0.5	0.20	<0.1	24	20.6
45975 (2300968)	16.7	1400	<2	1	2.0	1370	<0.01	<5	0.38	0.6	0.13	<0.1	20	19.9
45976 (2300969)	15.4	1500	<2	1	2.3	1180	0.01	<5	0.41	0.9	0.29	<0.1	24	18.3
45977 (2300970)	16.4	1410	<2	1	1.7	1380	<0.01	<5	0.29	1.4	0.14	<0.1	24	18.9
45978 (2300971)	16.0	1320	<2	1	1.8	1250	<0.01	<5	0.29	1.1	0.26	<0.1	26	20.1
45979 (2300972)	16.2	1390	<2	1	1.8	1370	<0.01	<5	0.30	1.1	0.08	<0.1	21	19.8
45980 (2300973)	16.6	1240	<2	1	1.6	1280	<0.01	<5	0.26	0.7	0.08	<0.1	26	19.7
45981 (2300974)	17.0	1350	<2	<1	1.7	1350	<0.01	<5	0.29	1.4	0.07	<0.1	22	20.3
45982 (2300975)	16.9	1330	<2	1	1.8	1350	<0.01	<5	0.30	1.0	0.13	<0.1	24	20.5

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729243

PROJECT: 2021 Surimeau DDH Batch 10

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
45983 (2300976)	16.4	1300	<2	1	1.8	1450	<0.01	<5	0.29	1.0	0.17	<0.1	25	19.5
45984 (2300977)	16.1	1380	<2	1	2.4	1190	<0.01	<5	0.38	0.7	0.11	<0.1	26	19.5
45985 (2300978)	16.6	1360	<2	<1	1.7	1300	<0.01	<5	0.29	1.0	0.03	<0.1	23	21.1
45986 (2300979)	13.7	1350	<2	<1	1.9	1130	<0.01	<5	0.33	16.9	0.13	<0.1	23	18.7
45987 (2300980)	14.7	1370	<2	1	2.5	899	0.01	<5	0.42	7.4	0.19	<0.1	25	19.1
45988 (2300981)	17.1	1290	<2	<1	1.7	1480	<0.01	<5	0.29	1.5	0.03	<0.1	23	20.3
45989 (2300982)	15.7	1170	<2	2	8.1	1000	0.04	<5	1.81	0.8	0.12	<0.1	27	19.2
45990 (2300983)	16.4	1340	<2	<1	2.2	1170	<0.01	<5	0.41	1.1	0.01	<0.1	23	19.3
45991 (2300984)	16.0	1290	<2	1	2.4	1040	<0.01	<5	0.41	0.9	<0.01	<0.1	21	18.4
45992 (2300985)	16.5	1330	<2	1	2.4	1060	<0.01	<5	0.44	0.8	<0.01	<0.1	20	18.6
45993 (2300986)	16.4	1250	<2	2	2.0	1210	<0.01	<5	0.31	1.0	0.03	<0.1	22	20.1
45994 (2300987)	16.2	1170	<2	1	2.1	1140	<0.01	<5	0.34	1.0	0.14	<0.1	26	20.9
45995 C-DUP (2300988)	15.8	1190	<2	1	2.2	1140	<0.01	<5	0.35	1.0	0.13	<0.1	26	21.4
45996 (2300989)	15.3	1200	<2	1	2.1	1150	<0.01	<5	0.32	1.1	0.10	<0.1	24	20.8
45997 (2300990)	15.4	1390	<2	1	2.3	1030	<0.01	<5	0.37	0.8	0.23	<0.1	28	20.1
45998 (2300991)	14.7	1390	<2	2	2.2	1160	<0.01	<5	0.38	0.6	0.32	<0.1	26	19.1
45999 (2300992)	14.6	1330	<2	1	2.4	1080	0.01	<5	0.39	0.6	0.14	<0.1	23	17.3
46000 (2300993)	15.4	1240	<2	1	1.8	1250	<0.01	<5	0.29	0.8	0.01	<0.1	21	18.6

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729243

PROJECT: 2021 Surimeau DDH Batch 10

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
45951 (2300944)	8.5	<1	1490	1.6	0.60	7.8	0.30	0.6	0.08	2.35	41	<1	7.5	0.5
45952 (2300945)	0.2	<1	82.4	3.0	<0.05	0.2	<0.01	<0.5	<0.05	0.20	<5	<1	3.1	0.2
45953 (2300946)	5.6	7	251	3.0	0.78	4.2	0.33	4.5	0.40	1.44	133	<1	24.5	2.8
45954 (2300947)	1.7	2	92.3	3.9	0.44	0.2	0.29	0.6	0.32	0.06	217	<1	19.2	2.1
45955 (2300948)	1.4	<1	30.8	<0.5	0.19	1.1	0.11	<0.5	0.09	0.24	74	5	5.0	0.6
45956 (2300949)	1.6	5	155	<0.5	0.42	0.2	0.31	3.6	0.26	0.18	245	<1	15.6	1.8
45957 (2300950)	1.5	6	165	3.3	0.39	0.3	0.29	<0.5	0.25	0.16	226	<1	15.2	1.7
45958 (2300951)	1.9	16	129	2.1	0.42	0.5	0.32	1.6	0.25	0.16	237	<1	15.7	1.7
45959 (2300952)	4.5	8	183	3.5	0.85	2.7	0.29	<0.5	0.59	0.79	65	<1	31.9	4.1
45960 (2300953)	1.3	<1	120	3.2	0.39	0.1	0.31	1.9	0.27	<0.05	229	<1	15.1	1.8
45961 (2300954)	1.4	<1	46.4	2.1	0.39	0.1	0.29	1.9	0.26	<0.05	228	<1	17.6	1.8
45962 C-DUP (2300955)	1.4	<1	45.7	5.2	0.41	0.1	0.30	2.1	0.28	<0.05	236	<1	15.6	1.9
45963 (2300956)	1.4	<1	40.6	3.2	0.42	<0.1	0.31	0.6	0.29	<0.05	249	<1	15.7	1.9
45964 (2300957)	1.7	<1	132	2.7	0.45	0.2	0.31	1.9	0.30	0.07	232	<1	13.9	2.0
45965 (2300958)	1.5	<1	128	3.6	0.43	0.1	0.30	2.1	0.29	0.06	235	<1	14.3	1.9
45966 (2300959)	1.8	2	161	2.4	0.41	0.7	0.17	<0.5	0.29	0.23	110	<1	15.3	2.1
45967 (2300960)	1.4	<1	128	3.5	0.40	<0.1	0.33	2.0	0.26	<0.05	254	<1	15.7	1.8
45968 (2300961)	1.2	<1	221	3.1	0.38	0.1	0.31	0.7	0.25	<0.05	247	<1	11.9	1.6
45969 (2300962)	0.6	8	46.9	2.9	0.19	<0.1	0.19	<0.5	0.11	<0.05	139	<1	6.7	0.8
45970 (2300963)	0.7	<1	114	3.8	0.22	<0.1	0.21	<0.5	0.14	<0.05	158	<1	6.1	0.9
45971 (2300964)	0.6	<1	37.1	3.4	0.21	<0.1	0.20	<0.5	0.12	<0.05	151	<1	6.8	0.9
45972 (2300965)	0.3	<1	84.7	1.9	0.07	0.2	<0.01	<0.5	<0.05	0.38	<5	<1	2.5	0.3
45973 (2300966)	0.7	<1	81.8	3.5	0.23	<0.1	0.23	<0.5	0.14	<0.05	171	<1	6.5	0.9
45974 (2300967)	0.7	<1	132	3.5	0.23	<0.1	0.17	<0.5	0.14	<0.05	139	<1	7.9	0.9
45975 (2300968)	0.7	<1	196	3.1	0.22	<0.1	0.17	<0.5	0.14	<0.05	131	<1	6.9	0.9
45976 (2300969)	0.9	<1	225	3.5	0.25	<0.1	0.19	<0.5	0.16	<0.05	149	<1	8.5	1.0
45977 (2300970)	0.7	<1	169	3.5	0.19	<0.1	0.21	<0.5	0.13	<0.05	163	<1	6.3	0.8
45978 (2300971)	0.8	<1	101	3.1	0.23	<0.1	0.22	<0.5	0.15	<0.05	173	<1	8.1	1.0
45979 (2300972)	0.6	<1	139	4.3	0.19	<0.1	0.17	<0.5	0.12	<0.05	137	<1	6.1	0.8
45980 (2300973)	0.6	<1	84.2	2.0	0.21	<0.1	0.21	<0.5	0.14	<0.05	166	<1	6.1	0.8
45981 (2300974)	0.7	<1	133	2.5	0.20	<0.1	0.18	<0.5	0.13	<0.05	144	<1	7.9	0.8
45982 (2300975)	0.7	<1	143	2.2	0.22	<0.1	0.22	<0.5	0.14	<0.05	161	<1	7.4	0.9

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729243

PROJECT: 2021 Surimeau DDH Batch 10

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
45983 (2300976)	0.6	<1	150	3.2	0.21	<0.1	0.20	<0.5	0.13	<0.05	158	<1	8.0	0.8
45984 (2300977)	0.9	<1	149	2.2	0.27	<0.1	0.21	<0.5	0.16	<0.05	166	<1	10.8	1.1
45985 (2300978)	0.7	<1	122	1.9	0.22	<0.1	0.18	<0.5	0.13	<0.05	141	<1	8.4	0.9
45986 (2300979)	0.8	<1	157	2.3	0.22	0.1	0.19	0.5	0.14	<0.05	144	<1	8.2	0.9
45987 (2300980)	1.0	<1	147	3.4	0.28	0.1	0.21	<0.5	0.18	<0.05	162	<1	10.3	1.2
45988 (2300981)	0.7	<1	79.8	1.7	0.18	<0.1	0.20	<0.5	0.12	0.06	156	<1	7.2	0.8
45989 (2300982)	2.0	<1	73.9	3.1	0.36	1.1	0.27	<0.5	0.21	0.27	176	<1	9.5	1.4
45990 (2300983)	0.8	<1	120	1.8	0.22	<0.1	0.18	<0.5	0.14	<0.05	143	<1	7.8	0.9
45991 (2300984)	0.8	<1	146	2.6	0.25	<0.1	0.17	<0.5	0.14	<0.05	134	<1	9.0	1.0
45992 (2300985)	0.8	<1	161	3.5	0.25	<0.1	0.18	<0.5	0.15	<0.05	139	<1	7.2	1.0
45993 (2300986)	0.8	<1	61.6	6.9	0.23	<0.1	0.19	<0.5	0.13	<0.05	145	<1	7.3	0.9
45994 (2300987)	0.9	<1	29.2	2.8	0.25	<0.1	0.19	<0.5	0.14	<0.05	158	<1	7.8	1.0
45995 C-DUP (2300988)	0.8	<1	28.6	2.5	0.27	<0.1	0.19	<0.5	0.15	<0.05	156	<1	9.8	1.0
45996 (2300989)	0.8	<1	27.8	3.4	0.24	<0.1	0.19	<0.5	0.16	<0.05	152	<1	7.6	1.1
45997 (2300990)	0.9	<1	47.1	2.5	0.27	<0.1	0.24	<0.5	0.17	<0.05	175	<1	6.8	1.1
45998 (2300991)	0.9	<1	66.4	5.1	0.23	<0.1	0.23	<0.5	0.15	<0.05	165	<1	7.2	0.9
45999 (2300992)	0.9	<1	104	2.9	0.26	<0.1	0.20	<0.5	0.15	<0.05	146	<1	8.3	1.0
46000 (2300993)	0.7	<1	78.1	2.8	0.21	<0.1	0.17	<0.5	0.12	<0.05	128	<1	6.1	0.8

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729243

PROJECT: 2021 Surimeau DDH Batch 10

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
45951 (2300944)	92	195
45952 (2300945)	<5	2.5
45953 (2300946)	12000	107
45954 (2300947)	195	25.4
45955 (2300948)	54	33.0
45956 (2300949)	598	29.4
45957 (2300950)	211	27.6
45958 (2300951)	187	34.2
45959 (2300952)	4600	136
45960 (2300953)	219	26.1
45961 (2300954)	154	24.7
45962 C-DUP (2300955)	120	25.4
45963 (2300956)	166	25.8
45964 (2300957)	300	27.3
45965 (2300958)	291	27.8
45966 (2300959)	2390	35.3
45967 (2300960)	152	27.3
45968 (2300961)	121	26.2
45969 (2300962)	82	15.9
45970 (2300963)	66	17.5
45971 (2300964)	59	17.6
45972 (2300965)	<5	4.2
45973 (2300966)	67	20.8
45974 (2300967)	63	13.6
45975 (2300968)	57	10.9
45976 (2300969)	58	15.9
45977 (2300970)	62	19.6
45978 (2300971)	66	20.5
45979 (2300972)	66	14.1
45980 (2300973)	63	19.6
45981 (2300974)	60	16.9
45982 (2300975)	60	14.5

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729243

PROJECT: 2021 Surimeau DDH Batch 10

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
45983 (2300976)	61	14.2
45984 (2300977)	64	20.9
45985 (2300978)	63	16.7
45986 (2300979)	61	17.2
45987 (2300980)	62	19.7
45988 (2300981)	61	17.3
45989 (2300982)	68	27.3
45990 (2300983)	83	16.9
45991 (2300984)	53	16.1
45992 (2300985)	55	15.8
45993 (2300986)	62	12.6
45994 (2300987)	66	18.2
45995 C-DUP (2300988)	67	15.8
45996 (2300989)	64	13.5
45997 (2300990)	66	20.1
45998 (2300991)	66	12.6
45999 (2300992)	59	16.0
46000 (2300993)	53	15.2

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729243

PROJECT: 2021 Surimeau DDH Batch 10

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 22, 2021 | SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
45951 (2300944)		82.16
45970 (2300963)		77.29
45990 (2300983)		80.19

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729243

PROJECT: 2021 Surimeau DDH Batch 10

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 22, 2021 | SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
45951 (2300944)		85.06
45970 (2300963)		85.83
45989 (2300982)		86.04

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O729243

PROJECT: 2021 Surimeau DDH Batch 10

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2300944	< 1	< 1	0.0%	2300958	< 1	< 1	0.0%	2300969	< 1	< 1	0.0%	2300984	< 1	< 1	0.0%
Al	2300944	8.61	8.77	1.8%	2300958	5.47	5.41	1.1%	2300969	3.25	3.37	3.6%	2300984	3.14	3.23	2.8%
As	2300944	< 5	< 5	0.0%	2300958	28	25	11.3%	2300969	30	41	31.0%	2300984	< 5	< 5	0.0%
B	2300944	< 20	< 20	0.0%	2300958	28	25	11.3%	2300969	< 20	< 20	0.0%	2300984	< 20	< 20	0.0%
Ba	2300944	1910	1910	0.0%	2300958	126	121	4.0%	2300969	2.7	2.1	25.0%	2300984	2.5	2.5	0.0%
Be	2300944	< 5	< 5	0.0%	2300958	< 5	< 5	0.0%	2300969	< 5	< 5	0.0%	2300984	< 5	< 5	0.0%
Bi	2300944	0.13	0.16	20.7%	2300958	0.2	0.2	0.0%	2300969	0.4	0.4	0.0%	2300984	0.1	< 0.1	
Ca	2300944	2.09	2.10	0.5%	2300958	8.76	8.75	0.1%	2300969	7.89	7.96	0.9%	2300984	4.26	4.29	0.7%
Cd	2300944	< 0.2	< 0.2	0.0%	2300958	0.2	0.2	0.0%	2300969	< 0.2	< 0.2	0.0%	2300984	< 0.2	< 0.2	0.0%
Ce	2300944	118	117	0.9%	2300958	5.91	5.74	2.9%	2300969	2.59	2.45	5.6%	2300984	2.6	2.6	0.0%
Co	2300944	8.21	7.21	13.0%	2300958	219	220	0.5%	2300969	101	100	1.0%	2300984	97.4	94.0	3.6%
Cr	2300944	0.005	0.006	18.2%	2300958	0.376	0.362	3.8%	2300969	0.234	0.241	2.9%	2300984	0.204	0.208	1.9%
Cs	2300944	1.5	1.5	0.0%	2300958	3.05	2.99	2.0%	2300969	0.3	0.3	0.0%	2300984	0.6	0.6	0.0%
Cu	2300944	21	21	0.0%	2300958	183	172	6.2%	2300969	98	100	2.0%	2300984	23	22	4.4%
Dy	2300944	1.89	1.87	1.1%	2300958	3.07	3.06	0.3%	2300969	1.77	1.67	5.8%	2300984	1.66	1.73	4.1%
Er	2300944	0.63	0.63	0.0%	2300958	2.01	2.09	3.9%	2300969	1.11	1.11	0.0%	2300984	1.12	1.07	4.6%
Eu	2300944	0.801	0.784	2.1%	2300958	0.548	0.523	4.7%	2300969	0.313	0.318	1.6%	2300984	0.236	0.219	7.5%
Fe	2300944	1.93	1.91	1.0%	2300958	11.3	11.2	0.9%	2300969	7.11	7.31	2.8%	2300984	6.75	6.82	1.0%
Ga	2300944	27.3	27.5	0.7%	2300958	14.8	14.7	0.7%	2300969	7.75	7.66	1.2%	2300984	8.16	8.24	1.0%
Gd	2300944	5.80	5.76	0.7%	2300958	2.37	2.40	1.3%	2300969	1.39	1.34	3.7%	2300984	1.40	1.34	4.4%
Ge	2300944	1	1	0.0%	2300958	7	7	0.0%	2300969	2	2	0.0%	2300984	2	2	0.0%
Hf	2300944	5	6	18.2%	2300958	< 1	1		2300969	< 1	< 1	0.0%	2300984	< 1	< 1	0.0%
Ho	2300944	0.286	0.272	5.0%	2300958	0.66	0.64	3.1%	2300969	0.378	0.354	6.6%	2300984	0.37	0.37	0.0%
In	2300944	< 0.2	< 0.2	0.0%	2300958	< 0.2	< 0.2	0.0%	2300969	< 0.2	< 0.2	0.0%	2300984	< 0.2	< 0.2	0.0%
K	2300944	1.57	1.62	3.1%	2300958	0.554	0.562	1.4%	2300969	< 0.05	< 0.05	0.0%	2300984	< 0.05	< 0.05	0.0%
La	2300944	55.9	56.2	0.5%	2300958	2.7	2.6	3.8%	2300969	0.9	0.9	0.0%	2300984	1.0	1.0	0.0%
Li	2300944	20	19	5.1%	2300958	49	47	4.2%	2300969	< 10	< 10	0.0%	2300984	< 10	< 10	0.0%
Lu	2300944	0.06	0.06	0.0%	2300958	0.30	0.30	0.0%	2300969	0.157	0.151	3.9%	2300984	0.151	0.141	6.8%
Mg	2300944	0.736	0.713	3.2%	2300958	3.94	3.75	4.9%	2300969	15.4	15.6	1.3%	2300984	16.0	15.9	0.6%
Mn	2300944	256	255	0.4%	2300958	7220	7210	0.1%	2300969	1500	1530	2.0%	2300984	1290	1300	0.8%
Mo	2300944	8	8	0.0%	2300958	4	4	0.0%	2300969	< 2	< 2	0.0%	2300984	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

Nb	2300944	4	4	0.0%	2300958	2	1		2300969	1	1	0.0%	2300984	1	1	0.0%
Nd	2300944	55.0	53.3	3.1%	2300958	4.5	4.5	0.0%	2300969	2.3	2.3	0.0%	2300984	2.43	2.49	2.4%
Ni	2300944	10	6		2300958	2700	2610	3.4%	2300969	1180	1220	3.3%	2300984	1040	1070	2.8%
P	2300944	0.100	0.106	5.8%	2300958	< 0.01	< 0.01	0.0%	2300969	0.01	0.01	0.0%	2300984	< 0.01	< 0.01	0.0%
Pb	2300944	42	41	2.4%	2300958	9	10	10.5%	2300969	< 5	< 5	0.0%	2300984	< 5	< 5	0.0%
Pr	2300944	14.2	14.0	1.4%	2300958	0.866	0.814	6.2%	2300969	0.41	0.40	2.5%	2300984	0.41	0.42	2.4%
Rb	2300944	41.6	41.4	0.5%	2300958	24.3	24.0	1.2%	2300969	0.93	1.03	10.2%	2300984	0.9	0.9	0.0%
S	2300944	0.25	0.25	0.0%	2300958	1.83	1.75	4.5%	2300969	0.29	0.29	0.0%	2300984	< 0.01	< 0.01	0.0%
Sb	2300944	< 0.1	< 0.1	0.0%	2300958	< 0.1	< 0.1	0.0%	2300969	< 0.1	< 0.1	0.0%	2300984	< 0.1	< 0.1	0.0%
Sc	2300944	< 5	< 5	0.0%	2300958	37	36	2.7%	2300969	24	24	0.0%	2300984	21	21	0.0%
Si	2300944	32.0	32.5	1.6%	2300958	23.2	23.0	0.9%	2300969	18.3	18.7	2.2%	2300984	18.4	18.6	1.1%
Sm	2300944	8.5	8.3	2.4%	2300958	1.54	1.61	4.4%	2300969	0.86	0.80	7.2%	2300984	0.85	0.90	5.7%
Sn	2300944	< 1	< 1	0.0%	2300958	< 1	< 1	0.0%	2300969	< 1	< 1	0.0%	2300984	< 1	< 1	0.0%
Sr	2300944	1490	1510	1.3%	2300958	128	126	1.6%	2300969	225	228	1.3%	2300984	146	147	0.7%
Ta	2300944	1.64	1.86	12.6%	2300958	3.57	2.68	28.5%	2300969	3.52	2.64	28.6%	2300984	2.6	2.9	10.9%
Tb	2300944	0.598	0.571	4.6%	2300958	0.43	0.44	2.3%	2300969	0.25	0.25	0.0%	2300984	0.25	0.25	0.0%
Th	2300944	7.81	7.65	2.1%	2300958	0.1	0.1	0.0%	2300969	< 0.1	< 0.1	0.0%	2300984	< 0.1	< 0.1	0.0%
Ti	2300944	0.30	0.30	0.0%	2300958	0.30	0.30	0.0%	2300969	0.195	0.205	5.0%	2300984	0.17	0.17	0.0%
Tl	2300944	0.6	0.6	0.0%	2300958	2.1	2.1	0.0%	2300969	< 0.5	< 0.5	0.0%	2300984	< 0.5	< 0.5	0.0%
Tm	2300944	0.081	0.075	7.7%	2300958	0.29	0.29	0.0%	2300969	0.162	0.144	11.8%	2300984	0.145	0.157	7.9%
U	2300944	2.35	2.25	4.3%	2300958	0.06	0.07	15.4%	2300969	< 0.05	< 0.05	0.0%	2300984	< 0.05	< 0.05	0.0%
V	2300944	41	40	2.5%	2300958	235	227	3.5%	2300969	149	150	0.7%	2300984	134	140	4.4%
W	2300944	< 1	< 1	0.0%	2300958	< 1	< 1	0.0%	2300969	< 1	< 1	0.0%	2300984	< 1	< 1	0.0%
Y	2300944	7.5	8.7	14.8%	2300958	14.3	16.0	11.2%	2300969	8.50	6.75	23.0%	2300984	9.01	7.93	12.8%
Yb	2300944	0.5	0.5	0.0%	2300958	1.94	1.99	2.5%	2300969	1.0	1.0	0.0%	2300984	1.0	1.0	0.0%
Zn	2300944	92	93	1.1%	2300958	291	289	0.7%	2300969	58	59	1.7%	2300984	53	52	1.9%
Zr	2300944	195	199	2.0%	2300958	27.8	27.1	2.6%	2300969	15.9	12.9	20.8%	2300984	16.1	15.9	1.3%

AGAT Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O729243

PROJECT: 2021 Surimeau DDH Batch 10

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.73	103%	90% - 110%					6.94	7.55	109%	90% - 110%	13.0	13.5	104%	90% - 110%
As	26	28	107%	90% - 110%												
Ba	540	559	104%	90% - 110%									1310	1376	105%	90% - 110%
Be	4.0	3.9	97%	90% - 110%												
Ca	0.907	0.927	102%	90% - 110%					4.01	4.37	109%	90% - 110%	1.42	1.45	102%	90% - 110%
Ce	98	108	110%	90% - 110%	58.2	62.1	106%	90% - 110%								
Co	15	15	100%	90% - 110%												
Cu	150	164	109%	90% - 110%												
Er	3.7	4.4	119%	90% - 110%												
Eu	1.0	1.03	103%	90% - 110%												
Fe	3.77	3.85	102%	90% - 110%					7.56	8.02	106%	90% - 110%	3.27	3.31	101%	90% - 110%
Ga					22.6	23.4	103%	90% - 110%								
Hf	11	11	100%	90% - 110%												
K	2.55	2.57	101%	90% - 110%					2.02	2.12	105%	90% - 110%	3.68	3.78	103%	90% - 110%
La	44	45	102%	90% - 110%	27.5	29.6	107%	90% - 110%								
Li	47	50	106%	90% - 110%									65.0	68.4	105%	90% - 110%
Lu	0.6	0.6	106%	90% - 110%												
Mg	1.1	1.2	105%	90% - 110%					2.41	2.64	110%	90% - 110%				
Mn	780	831	107%	90% - 110%												
Mo	14	15	107%	90% - 110%												
Nb	20	19	93%	90% - 110%	22.6	23.4	103%	90% - 110%								
Nd					27.3	30.3	110%	90% - 110%								
Ni	32	33	103%	90% - 110%												
P													0.061	0.056	91%	90% - 110%
Pb	31	32	103%	90% - 110%												
Rb	144	151	105%	90% - 110%	85.4	90.1	105%	90% - 110%								
Sb	0.8	0.9	112%	90% - 110%												
Sc	12	13	107%	90% - 110%												
Si	28.4	29	102%	90% - 110%					23.65	24.92	105%	90% - 110%	24.4	24.6	101%	90% - 110%
Sm	7.4	8.8	119%	90% - 110%												
Sr	144	156	109%	90% - 110%									310	330	106%	90% - 110%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

Ta	1.9	1.7	90%	90% - 110%												
Tb	1.2	1.3	112%	90% - 110%												
Th	18.4	20	108%	90% - 110%												
Ti	0.527	0.552	105%	90% - 110%									0.222	0.227	102%	90% - 110%
U	5.7	6.1	108%	90% - 110%												
V	77	83	108%	90% - 110%												
W	5	6	117%	90% - 110%												
Y	40	37	92%	90% - 110%	25.3	26.2	104%	90% - 110%								
Yb					2.66	3.38	127%	90% - 110%								
Zn	130	137	105%	90% - 110%									75.4	82.6	110%	90% - 110%
Zr	390	406	104%	90% - 110%	157	160	102%	90% - 110%								

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC
AGAT WORK ORDER: 21O729243
PROJECT: 2021 Surimeau DDH Batch 10
ATTENTION TO: Brian Newton, Francis Newton
SAMPLING SITE:
SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O729243

PROJECT: 2021 Surimeau DDH Batch 10

ATTENTION TO: Brian Newton, Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O729243

PROJECT: 2021 Surimeau DDH Batch 10

ATTENTION TO: Brian Newton, Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Brian Newton, Francis Newton

PROJECT: 2021 Surimeau DDH Batch 12

AGAT WORK ORDER: 21O729244

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Jun 17, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729244

PROJECT: 2021 Surimeau DDH Batch 12

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
46051 (2300994)	3.57
46052 (2300995)	1.02
46053 (2300996)	1.14
46054 (2300997)	2.81
46055 (2300998)	2.37
46056 (2300999)	3.14
46057 (2301000)	3.69
46058 (2301001)	3.13
46059 (2301002)	4.76
46060 (2301003)	4.04
46061 (2301004)	2.30
46062 C-DUP (2301005)	-
46063 (2301006)	2.42
46064 (2301007)	1.14
46065 (2301008)	1.38
46066 (2301009)	3.05
46067 (2301010)	2.72
46068 (2301011)	3.13
46069 (2301012)	3.99
46070 (2301013)	4.79
46071 (2301014)	3.22
46072 (2301015)	0.86
46073 (2301016)	2.86
46074 (2301017)	4.36
46075 (2301018)	4.82
46076 (2301019)	4.46
46077 (2301020)	2.96
46078 (2301021)	2.15
46079 (2301022)	2.56
46080 (2301023)	2.71
46081 (2301024)	3.52

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729244

PROJECT: 2021 Surimeau DDH Batch 12

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
46082 (2301025)	2.90
46083 (2301026)	2.50
46084 (2301027)	3.00
46085 (2301028)	2.51
46086 (2301029)	2.60
46087 (2301030)	2.00
46088 (2301031)	4.23
46089 (2301032)	2.75
46090 (2301033)	3.26
46091 (2301034)	1.42
46092 (2301035)	1.17
46093 (2301036)	4.10
46094 (2301037)	4.63
46095 C-DUP (2301038)	-
46096 (2301039)	4.16
46097 (2301040)	4.61
46098 (2301041)	4.39
46099 (2301042)	4.44
46100 (2301043)	4.63

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729244

PROJECT: 2021 Surimeau DDH Batch 12

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
46051 (2300994)	<1	4.08	<5	<20	9.2	<5	0.5	5.97	<0.2	9.2	90.8	0.204	0.4	31
46052 (2300995)	<1	0.11	<5	<20	58.4	<5	<0.1	34.7	<0.2	1.2	2.0	<0.005	<0.1	<5
46053 (2300996)	<1	9.32	<5	<20	1430	<5	0.5	2.67	<0.2	70.9	82.4	0.112	11.3	40
46054 (2300997)	<1	3.19	<5	<20	20.2	<5	1.1	6.25	<0.2	4.7	89.1	0.222	0.3	62
46055 (2300998)	<1	3.83	<5	<20	2.6	<5	0.8	4.57	<0.2	1.7	93.7	0.233	0.4	59
46056 (2300999)	<1	3.48	<5	<20	3.8	<5	1.1	5.29	<0.2	2.2	87.8	0.229	0.3	58
46057 (2301000)	<1	4.23	<5	<20	2.4	<5	0.7	4.44	<0.2	1.8	89.8	0.259	0.2	55
46058 (2301001)	<1	4.05	<5	<20	2.4	<5	0.9	5.33	<0.2	1.7	100	0.298	0.2	61
46059 (2301002)	<1	3.13	<5	<20	2.3	<5	1.2	6.38	0.3	1.9	94.9	0.218	0.1	72
46060 (2301003)	<1	3.19	<5	<20	20.3	<5	1.5	6.33	<0.2	1.4	91.6	0.222	1.1	126
46061 (2301004)	<1	2.98	<5	<20	438	<5	1.6	5.45	0.2	1.6	96.1	0.214	20.0	159
46062 C-DUP (2301005)	<1	3.17	<5	<20	464	<5	1.7	5.59	0.2	1.8	101	0.226	23.1	168
46063 (2301006)	<1	4.33	<5	<20	501	<5	3.8	4.64	2.3	24.8	83.5	0.188	21.3	262
46064 (2301007)	<1	7.17	<5	<20	263	<5	4.9	2.27	9.8	60.0	97.8	0.011	0.3	711
46065 (2301008)	<1	6.97	<5	<20	268	<5	5.9	2.15	9.8	66.1	112	0.010	0.4	723
46066 (2301009)	<1	8.12	<5	<20	322	<5	1.2	3.26	8.6	73.8	70.0	0.012	<0.1	473
46067 (2301010)	<1	8.42	<5	<20	335	<5	1.1	3.27	4.2	74.5	96.2	0.016	0.1	868
46068 (2301011)	<1	8.85	<5	<20	355	<5	0.8	2.98	12.7	74.7	109	0.019	<0.1	932
46069 (2301012)	<1	7.04	<5	<20	641	<5	1.6	3.74	<0.2	5.9	228	0.520	1.4	593
46070 (2301013)	<1	6.04	<5	<20	140	<5	0.9	9.07	<0.2	4.2	198	0.442	<0.1	238
46071 (2301014)	<1	5.78	<5	<20	272	<5	1.4	6.94	<0.2	3.6	245	0.481	1.4	276
46072 (2301015)	<1	0.03	<5	<20	15.9	<5	<0.1	37.5	<0.2	0.9	1.3	<0.005	<0.1	<5
46073 (2301016)	<1	6.60	<5	<20	98.8	<5	0.9	7.64	<0.2	4.5	189	0.443	<0.1	126
46074 (2301017)	<1	6.26	<5	<20	51.2	<5	0.5	8.26	<0.2	4.5	208	0.452	<0.1	103
46075 (2301018)	<1	6.44	<5	<20	39.9	<5	0.2	7.91	<0.2	3.4	160	0.374	0.2	98
46076 (2301019)	<1	6.09	<5	<20	111	<5	0.2	7.36	<0.2	4.3	127	0.261	0.3	60
46077 (2301020)	<1	6.17	<5	<20	61.4	<5	0.3	7.77	0.2	3.6	171	0.257	0.2	84
46078 (2301021)	<1	5.99	<5	<20	136	<5	0.4	4.97	<0.2	4.1	213	0.376	6.2	179
46079 (2301022)	<1	5.92	<5	<20	111	<5	0.4	6.03	2.0	5.5	148	0.391	1.2	782
46080 (2301023)	<1	7.72	<5	<20	313	<5	0.4	2.36	5.1	49.9	55.2	0.028	1.0	695
46081 (2301024)	<1	8.01	<5	<20	444	<5	0.4	2.86	0.2	53.7	34.4	0.029	0.5	782
46082 (2301025)	1	7.72	6	<20	457	<5	1.2	2.99	1.6	52.2	68.5	0.027	1.0	1840

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729244

PROJECT: 2021 Surimeau DDH Batch 12

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
46083 (2301026)	<1	7.71	9	<20	386	<5	0.7	1.75	1.4	49.0	53.8	0.029	1.8	1500
46084 (2301027)	4	6.67	<5	<20	173	<5	25.1	1.40	59.3	40.3	203	0.014	1.0	2520
46085 (2301028)	1	6.58	5	<20	472	<5	8.0	0.92	39.2	48.1	198	0.013	1.0	2180
46086 (2301029)	<1	6.46	<5	<20	500	<5	4.8	1.02	27.0	55.6	143	0.021	1.2	1400
46087 (2301030)	<1	9.13	<5	<20	469	<5	1.0	1.98	15.5	61.5	81.4	0.030	1.4	963
46088 (2301031)	<1	3.60	<5	<20	346	<5	0.5	7.56	6.5	112	110	0.380	10.1	395
46089 (2301032)	<1	3.12	<5	<20	413	<5	1.0	5.13	1.2	5.5	82.7	0.171	12.3	201
46090 (2301033)	<1	3.53	<5	<20	202	<5	0.4	5.10	<0.2	11.9	82.6	0.166	7.1	67
46091 (2301034)	<1	2.14	<5	<20	234	<5	0.3	7.03	<0.2	2.7	80.2	0.201	6.7	65
46092 (2301035)	<1	2.14	<5	<20	227	<5	0.4	7.35	<0.2	2.7	77.3	0.204	6.4	66
46093 (2301036)	<1	2.24	<5	<20	181	<5	0.3	7.12	0.4	2.2	80.0	0.195	2.9	61
46094 (2301037)	<1	3.26	<5	<20	3.0	<5	0.4	5.47	<0.2	2.4	90.0	0.232	0.2	66
46095 C-DUP (2301038)	<1	3.29	<5	<20	2.8	<5	0.4	5.48	<0.2	2.2	90.3	0.218	0.1	63
46096 (2301039)	<1	3.01	<5	<20	2.0	<5	0.5	4.75	<0.2	2.0	90.0	0.212	0.2	65
46097 (2301040)	<1	3.39	<5	<20	1.5	<5	0.6	3.67	0.2	6.5	98.4	0.200	0.3	41
46098 (2301041)	<1	3.52	<5	<20	1.8	<5	4.2	4.75	<0.2	2.2	89.8	0.228	0.1	80
46099 (2301042)	<1	2.95	<5	<20	2.0	<5	1.0	4.60	<0.2	1.6	97.3	0.209	0.3	20
46100 (2301043)	<1	2.85	<5	<20	1.6	<5	0.5	6.33	<0.2	1.4	89.6	0.214	0.2	59

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729244

PROJECT: 2021 Surimeau DDH Batch 12

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
46051 (2300994)	1.69	0.95	0.46	7.82	8.97	1.86	2	<1	0.39	<0.2	<0.05	4.3	<10	0.13
46052 (2300995)	0.18	0.19	<0.05	0.15	0.40	0.23	1	<1	0.06	<0.2	0.05	1.2	<10	<0.05
46053 (2300996)	5.13	2.36	3.19	11.9	18.2	6.54	2	4	1.01	<0.2	1.45	34.1	88	0.41
46054 (2300997)	1.69	1.03	0.55	7.36	7.77	1.34	4	<1	0.38	<0.2	<0.05	1.9	<10	0.14
46055 (2300998)	1.43	0.82	0.16	7.42	9.25	1.14	4	<1	0.29	<0.2	<0.05	0.7	<10	0.15
46056 (2300999)	1.60	0.96	0.15	7.97	8.02	1.28	4	<1	0.34	<0.2	<0.05	0.8	<10	0.16
46057 (2301000)	1.50	0.96	0.14	8.35	9.84	1.14	3	<1	0.35	<0.2	<0.05	0.6	<10	0.17
46058 (2301001)	1.44	0.89	0.13	8.02	9.22	1.08	5	<1	0.32	<0.2	<0.05	0.5	<10	0.13
46059 (2301002)	1.34	0.86	0.32	7.22	7.66	0.94	5	<1	0.29	<0.2	<0.05	0.7	<10	0.12
46060 (2301003)	1.24	0.82	0.33	7.21	9.19	1.15	4	<1	0.29	<0.2	0.14	0.5	14	0.14
46061 (2301004)	1.38	0.66	0.17	6.44	11.9	1.00	4	<1	0.27	<0.2	2.49	0.6	99	0.13
46062 C-DUP (2301005)	1.32	0.90	0.18	6.70	12.7	1.07	4	<1	0.27	<0.2	2.65	0.6	106	0.12
46063 (2301006)	1.76	1.03	0.56	8.06	18.4	1.95	3	1	0.39	<0.2	2.30	12.3	127	0.19
46064 (2301007)	3.33	1.66	1.95	9.76	17.6	4.02	1	3	0.67	0.9	0.43	28.3	<10	0.32
46065 (2301008)	3.76	1.84	1.84	11.0	17.9	4.45	2	4	0.70	1.1	0.42	31.1	10	0.40
46066 (2301009)	3.83	1.95	1.77	7.36	19.8	4.98	1	4	0.77	1.1	0.08	35.9	<10	0.35
46067 (2301010)	3.75	2.00	1.86	9.83	17.1	5.01	1	4	0.77	0.4	0.11	35.8	10	0.36
46068 (2301011)	4.58	2.23	1.97	9.05	18.8	5.29	1	4	0.87	1.3	0.12	36.5	13	0.45
46069 (2301012)	3.21	1.96	0.70	10.7	16.1	2.39	2	1	0.73	<0.2	0.50	2.8	75	0.34
46070 (2301013)	2.88	1.67	0.56	9.02	14.2	2.13	3	<1	0.60	<0.2	0.12	1.7	25	0.32
46071 (2301014)	2.63	1.60	0.52	12.8	14.2	2.21	3	1	0.60	<0.2	0.45	1.4	51	0.25
46072 (2301015)	0.19	0.14	<0.05	0.08	0.16	0.23	1	<1	0.05	<0.2	<0.05	1.1	<10	<0.05
46073 (2301016)	2.72	1.80	0.66	8.84	14.7	2.48	2	<1	0.59	<0.2	0.10	1.8	19	0.32
46074 (2301017)	2.81	1.75	0.56	9.13	14.3	2.38	4	<1	0.67	<0.2	0.17	1.9	19	0.26
46075 (2301018)	2.65	1.55	0.53	8.70	13.7	1.98	3	<1	0.57	<0.2	0.26	1.3	20	0.27
46076 (2301019)	2.62	1.58	0.49	7.57	14.6	2.11	3	1	0.58	<0.2	0.56	1.8	35	0.26
46077 (2301020)	2.55	1.53	0.53	6.44	13.9	2.08	4	1	0.58	<0.2	0.35	1.4	16	0.22
46078 (2301021)	2.28	1.27	0.53	9.47	15.3	1.83	6	1	0.50	<0.2	1.56	1.9	96	0.21
46079 (2301022)	2.60	1.62	0.85	7.98	15.8	2.15	7	<1	0.56	0.5	0.52	2.4	61	0.27
46080 (2301023)	2.38	1.22	0.99	4.28	18.0	3.33	4	4	0.49	1.0	0.70	23.8	33	0.20
46081 (2301024)	2.45	1.20	1.00	3.90	19.7	3.49	3	4	0.49	<0.2	0.94	25.6	27	0.22
46082 (2301025)	2.55	1.20	0.99	5.15	19.1	3.62	4	3	0.48	0.3	1.61	25.8	36	0.19

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729244

PROJECT: 2021 Surimeau DDH Batch 12

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
46083 (2301026)	2.48	1.16	1.12	4.27	21.7	3.21	3	3	0.46	0.2	1.86	24.0	64	0.22
46084 (2301027)	3.62	1.95	1.68	10.2	45.3	3.90	1	4	0.72	11.3	1.38	18.1	35	0.33
46085 (2301028)	4.24	2.18	1.64	10.1	36.1	4.67	2	4	0.82	8.2	4.08	22.5	31	0.44
46086 (2301029)	4.20	2.16	1.68	8.37	28.6	4.71	2	3	0.80	5.5	2.49	28.2	32	0.33
46087 (2301030)	4.64	2.48	2.32	5.16	30.1	5.52	2	5	0.91	2.8	1.04	27.8	41	0.43
46088 (2301031)	4.94	2.60	3.05	8.46	15.5	7.29	6	10	1.01	1.7	1.57	50.7	60	0.52
46089 (2301032)	1.19	0.72	0.19	6.22	11.4	1.01	7	<1	0.29	0.3	2.13	2.5	62	0.10
46090 (2301033)	1.69	0.90	0.26	6.73	10.6	1.64	6	<1	0.34	<0.2	0.98	5.8	46	0.15
46091 (2301034)	1.92	1.05	0.48	6.34	5.84	1.40	5	<1	0.40	<0.2	1.05	0.8	36	0.21
46092 (2301035)	1.79	1.11	0.46	6.50	5.81	1.39	8	<1	0.42	<0.2	1.03	0.8	35	0.16
46093 (2301036)	1.67	0.85	0.33	6.56	6.18	1.09	6	<1	0.36	<0.2	0.42	0.7	17	0.15
46094 (2301037)	1.39	0.95	0.28	7.08	8.77	1.07	3	<1	0.31	<0.2	<0.05	0.9	<10	0.16
46095 C-DUP (2301038)	1.26	0.82	0.25	7.07	8.87	1.03	3	<1	0.31	<0.2	<0.05	1.0	<10	0.16
46096 (2301039)	1.27	0.83	0.23	7.09	8.23	1.13	3	<1	0.28	<0.2	<0.05	0.7	<10	0.12
46097 (2301040)	1.47	0.83	0.16	7.07	9.71	1.46	2	<1	0.30	<0.2	<0.05	2.9	<10	0.12
46098 (2301041)	1.37	0.79	0.22	7.32	8.97	1.27	3	<1	0.31	<0.2	<0.05	0.9	<10	0.13
46099 (2301042)	1.01	0.64	0.17	6.88	7.56	0.77	3	<1	0.24	<0.2	<0.05	0.7	<10	0.10
46100 (2301043)	1.10	0.63	0.24	6.93	7.08	0.74	3	<1	0.26	<0.2	<0.05	0.6	<10	0.11

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729244

PROJECT: 2021 Surimeau DDH Batch 12

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
46051 (2300994)	13.8	1470	<2	1	6.0	1020	0.02	<5	1.37	1.2	0.64	<0.1	25	20.4
46052 (2300995)	1.54	93	<2	<1	1.0	9	<0.01	<5	0.21	1.2	0.60	<0.1	<5	3.06
46053 (2300996)	11.1	1470	<2	5	39.2	355	0.20	14	9.62	60.7	1.10	<0.1	49	14.1
46054 (2300997)	13.4	1560	<2	<1	3.5	1100	<0.01	<5	0.71	1.3	1.42	<0.1	25	21.3
46055 (2300998)	15.0	1250	<2	<1	2.2	1060	<0.01	<5	0.35	0.6	1.63	<0.1	27	21.2
46056 (2300999)	14.7	1430	<2	<1	2.0	974	0.01	<5	0.43	0.6	2.12	<0.1	26	21.6
46057 (2301000)	14.7	1340	<2	<1	1.6	934	<0.01	<5	0.38	0.8	2.39	<0.1	28	20.5
46058 (2301001)	15.9	1350	<2	<1	2.0	1390	<0.01	8	0.32	0.4	2.23	<0.1	29	21.8
46059 (2301002)	13.9	1410	<2	<1	1.6	1200	<0.01	7	0.33	0.5	2.31	<0.1	23	22.1
46060 (2301003)	13.9	1640	<2	<1	1.4	1340	<0.01	7	0.33	4.9	2.51	<0.1	23	22.6
46061 (2301004)	13.0	1490	<2	<1	1.8	1320	<0.01	10	0.35	114	2.16	<0.1	22	22.9
46062 C-DUP (2301005)	13.3	1540	<2	<1	1.9	1360	<0.01	18	0.30	122	2.24	<0.1	23	23.7
46063 (2301006)	11.9	1520	29	3	12.0	1020	<0.01	85	3.26	108	2.49	<0.1	26	22.5
46064 (2301007)	1.00	372	18	7	28.8	509	0.07	62	7.74	10.5	5.75	<0.1	19	23.1
46065 (2301008)	0.88	343	15	7	31.5	577	0.06	81	8.33	11.1	6.48	<0.1	18	22.1
46066 (2301009)	0.90	495	103	7	35.5	316	0.05	27	9.11	0.7	3.86	<0.1	18	28.0
46067 (2301010)	0.89	866	389	8	35.4	566	0.02	33	9.48	0.5	5.28	<0.1	19	26.4
46068 (2301011)	0.86	810	118	7	35.1	650	0.05	35	9.54	0.4	5.17	<0.1	21	26.3
46069 (2301012)	3.33	2330	22	1	5.2	3370	<0.01	30	0.92	18.7	5.20	<0.1	51	24.6
46070 (2301013)	3.39	4630	23	2	3.5	2570	0.02	23	0.71	1.2	3.87	<0.1	40	23.4
46071 (2301014)	5.50	5670	12	1	3.4	3590	<0.01	18	0.57	16.5	4.88	<0.1	47	23.1
46072 (2301015)	1.43	100	<2	<1	1.0	<5	<0.01	<5	0.20	0.4	0.59	<0.1	<5	3.15
46073 (2301016)	2.78	5640	14	2	4.1	2610	0.02	26	0.76	0.7	3.82	<0.1	39	25.5
46074 (2301017)	3.56	5870	8	1	3.8	1740	0.01	16	0.77	2.1	1.74	<0.1	42	24.9
46075 (2301018)	4.41	4410	4	<1	3.2	1290	0.01	10	0.63	3.5	0.60	<0.1	41	25.6
46076 (2301019)	4.44	3740	<2	<1	4.0	873	<0.01	11	0.68	15.0	0.53	<0.1	43	24.5
46077 (2301020)	3.67	3960	5	<1	3.2	1280	0.02	11	0.72	9.8	0.72	<0.1	40	25.9
46078 (2301021)	4.92	3880	4	1	3.6	2060	<0.01	11	0.60	80.3	3.00	<0.1	42	24.6
46079 (2301022)	4.72	3180	11	1	4.1	1460	0.01	20	0.83	21.0	3.96	<0.1	40	24.8
46080 (2301023)	1.37	489	11	5	24.8	257	0.05	27	6.37	27.1	2.58	<0.1	14	30.4
46081 (2301024)	1.36	480	10	6	26.3	173	0.06	31	6.73	31.4	2.26	<0.1	14	32.2
46082 (2301025)	1.27	574	16	5	26.0	341	0.06	46	6.83	54.1	3.13	<0.1	13	29.8

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729244

PROJECT: 2021 Surimeau DDH Batch 12

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
46083 (2301026)	1.37	345	11	5	23.7	244	0.05	41	6.15	81.9	2.77	<0.1	13	30.3
46084 (2301027)	0.55	516	18	5	21.8	651	0.04	809	5.62	49.2	7.54	0.1	17	21.4
46085 (2301028)	0.51	373	18	6	27.3	569	0.04	240	7.06	86.5	6.92	<0.1	16	22.5
46086 (2301029)	0.61	340	18	6	28.8	563	0.04	165	7.33	66.8	5.60	<0.1	14	23.6
46087 (2301030)	0.94	276	61	8	31.6	297	0.05	117	8.30	43.4	3.13	<0.1	16	28.8
46088 (2301031)	10.2	2000	82	4	55.6	848	0.31	12	14.4	67.1	2.40	<0.1	64	20.9
46089 (2301032)	12.3	1200	2	<1	3.4	1120	<0.01	24	0.71	83.8	1.45	<0.1	18	23.4
46090 (2301033)	13.8	1230	<2	<1	7.5	1110	0.02	10	1.45	38.8	1.37	<0.1	22	22.0
46091 (2301034)	12.0	1550	<2	<1	2.8	1170	<0.01	7	0.54	45.0	1.18	<0.1	21	24.1
46092 (2301035)	12.4	1600	<2	<1	2.7	1170	<0.01	6	0.56	40.0	1.21	<0.1	21	24.9
46093 (2301036)	12.5	1450	<2	<1	2.3	1110	<0.01	<5	0.37	18.5	0.66	<0.1	21	24.1
46094 (2301037)	12.9	1280	<2	<1	1.5	1100	<0.01	8	0.37	0.9	0.87	<0.1	25	20.4
46095 C-DUP (2301038)	12.6	1280	<2	<1	1.8	1030	<0.01	<5	0.40	0.4	0.81	<0.1	23	20.7
46096 (2301039)	14.7	1330	<2	<1	2.0	1270	<0.01	<5	0.39	0.5	0.58	<0.1	22	22.2
46097 (2301040)	15.6	1220	<2	<1	4.2	1430	0.03	<5	0.93	0.7	0.37	<0.1	23	22.0
46098 (2301041)	14.1	1170	<2	<1	2.3	1010	<0.01	<5	0.40	0.6	1.04	<0.1	25	21.2
46099 (2301042)	15.2	1310	<2	<1	1.2	1530	<0.01	<5	0.27	0.7	0.43	<0.1	20	20.4
46100 (2301043)	14.1	1280	<2	<1	1.4	1260	<0.01	<5	0.22	0.5	0.99	<0.1	21	19.6

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729244

PROJECT: 2021 Surimeau DDH Batch 12

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
46051 (2300994)	1.4	1	55.1	<0.5	0.24	0.6	0.24	<0.5	0.15	0.24	150	<1	10.0	1.1
46052 (2300995)	0.2	<1	74.0	<0.5	<0.05	0.1	<0.01	<0.5	<0.05	0.08	<5	<1	2.5	0.2
46053 (2300996)	7.1	5	55.0	<0.5	0.87	6.6	0.73	2.3	0.38	1.30	381	<1	24.7	2.6
46054 (2300997)	1.0	1	37.4	<0.5	0.20	0.3	0.23	<0.5	0.16	0.13	127	<1	9.7	1.1
46055 (2300998)	0.6	<1	15.6	<0.5	0.17	<0.1	0.21	<0.5	0.13	<0.05	140	<1	7.5	0.9
46056 (2300999)	0.7	<1	18.8	<0.5	0.22	0.1	0.21	<0.5	0.16	<0.05	135	<1	9.1	0.9
46057 (2301000)	0.8	<1	15.4	<0.5	0.22	<0.1	0.23	<0.5	0.16	<0.05	152	<1	7.8	0.9
46058 (2301001)	0.7	1	20.3	<0.5	0.17	<0.1	0.22	<0.5	0.12	<0.05	158	<1	7.8	0.8
46059 (2301002)	0.5	3	21.4	<0.5	0.16	<0.1	0.18	<0.5	0.12	<0.05	121	<1	7.1	0.8
46060 (2301003)	0.5	3	16.6	<0.5	0.15	<0.1	0.18	<0.5	0.11	<0.05	119	<1	7.4	0.9
46061 (2301004)	0.6	3	19.7	<0.5	0.15	0.1	0.16	4.1	0.12	0.07	107	<1	7.3	0.8
46062 C-DUP (2301005)	0.5	2	21.4	<0.5	0.15	0.2	0.17	4.4	0.14	0.09	112	<1	7.6	0.9
46063 (2301006)	1.8	5	66.6	<0.5	0.30	2.8	0.23	4.1	0.14	0.92	150	<1	9.8	1.0
46064 (2301007)	4.8	7	174	<0.5	0.56	8.6	0.23	<0.5	0.32	2.32	51	<1	17.3	2.0
46065 (2301008)	4.9	7	172	0.5	0.60	9.4	0.24	<0.5	0.33	2.52	47	<1	18.6	2.1
46066 (2301009)	5.5	4	104	0.6	0.65	10.6	0.24	<0.5	0.33	2.77	63	<1	19.6	2.1
46067 (2301010)	4.9	5	264	0.5	0.68	10.9	0.28	<0.5	0.33	2.88	76	<1	19.1	2.2
46068 (2301011)	5.5	8	163	0.5	0.71	9.7	0.31	<0.5	0.39	2.77	85	<1	23.5	2.6
46069 (2301012)	1.5	7	189	<0.5	0.49	0.2	0.41	1.4	0.34	0.22	233	<1	17.8	2.1
46070 (2301013)	1.0	7	258	<0.5	0.41	0.1	0.32	<0.5	0.26	0.39	206	<1	16.0	1.6
46071 (2301014)	1.0	6	97.6	<0.5	0.37	0.1	0.36	1.4	0.29	0.20	256	<1	14.6	1.9
46072 (2301015)	0.2	<1	77.5	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.06	<5	<1	2.2	0.1
46073 (2301016)	1.5	4	210	<0.5	0.33	0.1	0.34	<0.5	0.30	1.01	189	<1	17.7	1.7
46074 (2301017)	1.1	2	143	<0.5	0.37	0.1	0.35	<0.5	0.29	0.27	239	<1	17.4	1.8
46075 (2301018)	1.1	<1	97.3	<0.5	0.36	0.1	0.35	<0.5	0.24	<0.05	233	<1	14.8	1.6
46076 (2301019)	1.2	<1	109	<0.5	0.35	0.1	0.35	0.5	0.26	<0.05	244	<1	14.3	1.7
46077 (2301020)	1.3	<1	91.2	<0.5	0.35	<0.1	0.34	<0.5	0.24	<0.05	231	<1	14.7	1.6
46078 (2301021)	1.1	4	85.2	<0.5	0.30	0.2	0.34	8.5	0.23	0.05	236	<1	12.9	1.5
46079 (2301022)	1.2	12	99.3	<0.5	0.35	0.2	0.33	1.6	0.25	0.11	228	<1	15.0	1.6
46080 (2301023)	3.5	6	81.5	<0.5	0.43	6.7	0.31	2.8	0.19	2.10	93	<1	12.2	1.4
46081 (2301024)	4.3	7	83.5	0.5	0.41	7.5	0.32	2.5	0.20	2.28	97	<1	13.0	1.4
46082 (2301025)	4.1	9	98.0	<0.5	0.43	6.9	0.32	4.3	0.22	2.16	90	<1	12.6	1.3

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729244

PROJECT: 2021 Surimeau DDH Batch 12

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
46083 (2301026)	3.7	9	54.5	<0.5	0.41	6.8	0.31	6.9	0.18	2.03	92	<1	12.4	1.3
46084 (2301027)	4.2	64	45.6	<0.5	0.57	3.3	0.28	3.7	0.32	1.01	77	<1	16.8	2.0
46085 (2301028)	4.4	52	37.6	<0.5	0.70	4.8	0.30	6.4	0.40	1.56	89	1	22.2	2.5
46086 (2301029)	5.1	34	45.0	0.7	0.67	5.5	0.29	5.0	0.36	1.74	79	<1	20.7	2.5
46087 (2301030)	5.7	17	251	0.8	0.76	8.1	0.41	3.7	0.37	2.65	93	<1	24.6	2.6
46088 (2301031)	8.2	23	59.8	<0.5	0.90	15.7	0.36	3.4	0.40	5.11	330	<1	25.2	2.9
46089 (2301032)	0.9	4	17.4	<0.5	0.16	0.7	0.15	4.6	0.11	0.18	95	<1	6.8	0.8
46090 (2301033)	1.2	1	17.7	<0.5	0.22	1.0	0.21	2.2	0.14	0.14	130	<1	8.0	1.0
46091 (2301034)	0.9	7	23.4	<0.5	0.22	<0.1	0.11	2.2	0.16	0.08	169	<1	10.7	1.3
46092 (2301035)	1.0	7	24.4	<0.5	0.21	0.1	0.11	2.1	0.17	0.07	174	<1	10.0	1.2
46093 (2301036)	0.7	4	21.5	<0.5	0.17	<0.1	0.13	0.9	0.15	<0.05	144	<1	9.4	1.0
46094 (2301037)	0.5	1	15.9	<0.5	0.19	<0.1	0.20	<0.5	0.14	<0.05	131	<1	8.1	0.9
46095 C-DUP (2301038)	0.7	1	16.3	<0.5	0.19	<0.1	0.20	<0.5	0.15	<0.05	124	<1	7.3	0.9
46096 (2301039)	0.4	<1	15.7	<0.5	0.19	<0.1	0.18	<0.5	0.11	0.07	109	<1	7.5	0.8
46097 (2301040)	0.9	<1	12.7	<0.5	0.20	0.6	0.22	<0.5	0.14	0.08	121	<1	7.9	0.8
46098 (2301041)	0.7	<1	15.1	<0.5	0.20	<0.1	0.20	<0.5	0.13	<0.05	124	<1	8.5	0.9
46099 (2301042)	0.4	<1	53.8	<0.5	0.12	<0.1	0.16	<0.5	0.09	<0.05	104	<1	5.6	0.7
46100 (2301043)	0.4	<1	62.0	<0.5	0.13	<0.1	0.17	<0.5	0.11	<0.05	102	<1	6.0	0.7

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729244

PROJECT: 2021 Surimeau DDH Batch 12

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
46051 (2300994)	70	25.2
46052 (2300995)	6	2.1
46053 (2300996)	126	121
46054 (2300997)	71	17.3
46055 (2300998)	89	16.0
46056 (2300999)	58	18.1
46057 (2301000)	69	22.5
46058 (2301001)	67	15.5
46059 (2301002)	71	14.8
46060 (2301003)	103	14.3
46061 (2301004)	167	14.7
46062 C-DUP (2301005)	175	15.3
46063 (2301006)	1720	39.8
46064 (2301007)	5020	118
46065 (2301008)	5040	128
46066 (2301009)	4450	150
46067 (2301010)	1580	153
46068 (2301011)	6370	162
46069 (2301012)	525	37.0
46070 (2301013)	257	27.5
46071 (2301014)	286	32.6
46072 (2301015)	<5	1.5
46073 (2301016)	149	27.0
46074 (2301017)	132	28.5
46075 (2301018)	97	28.3
46076 (2301019)	84	29.8
46077 (2301020)	125	27.8
46078 (2301021)	337	32.3
46079 (2301022)	1270	30.8
46080 (2301023)	2910	127
46081 (2301024)	169	142
46082 (2301025)	814	133

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729244

PROJECT: 2021 Surimeau DDH Batch 12

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
46083 (2301026)	856	127
46084 (2301027)	35100	132
46085 (2301028)	22400	136
46086 (2301029)	15400	124
46087 (2301030)	6310	170
46088 (2301031)	2970	365
46089 (2301032)	842	19.6
46090 (2301033)	187	28.8
46091 (2301034)	184	12.8
46092 (2301035)	191	12.7
46093 (2301036)	153	15.9
46094 (2301037)	110	15.7
46095 C-DUP (2301038)	113	16.6
46096 (2301039)	94	14.1
46097 (2301040)	91	27.5
46098 (2301041)	70	17.4
46099 (2301042)	60	11.5
46100 (2301043)	57	14.0

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729244

PROJECT: 2021 Surimeau DDH Batch 12

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
46051 (2300994)		78.41
46070 (2301013)		78.85
46090 (2301033)		83.99

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O729244

PROJECT: 2021 Surimeau DDH Batch 12

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 02, 2021 | DATE RECEIVED: Apr 02, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
46051 (2300994)	86.57
46070 (2301013)	85.53
46088 (2301031)	86.00

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O729244

PROJECT: 2021 Surimeau DDH Batch 12

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2300994	< 1	< 1	0.0%	2301008	< 1	< 1	0.0%	2301019	< 1	< 1	0.0%	2301034	< 1	< 1	0.0%
Al	2300994	4.08	3.98	2.5%	2301008	6.97	6.88	1.3%	2301019	6.09	6.21	2.0%	2301034	2.14	2.14	0.0%
As	2300994	< 5	< 5	0.0%	2301008	< 5	< 5	0.0%	2301019	< 5	< 5	0.0%	2301034	< 5	< 5	0.0%
B	2300994	< 20	< 20	0.0%	2301008	< 20	< 20	0.0%	2301019	< 20	< 20	0.0%	2301034	< 20	< 20	0.0%
Ba	2300994	9.23	8.94	3.2%	2301008	268	263	1.9%	2301019	111	111	0.0%	2301034	234	237	1.3%
Be	2300994	< 5	< 5	0.0%	2301008	< 5	< 5	0.0%	2301019	< 5	< 5	0.0%	2301034	< 5	< 5	0.0%
Bi	2300994	0.45	0.44	2.2%	2301008	5.9	5.9	0.0%	2301019	0.2	0.2	0.0%	2301034	0.3	0.3	0.0%
Ca	2300994	5.97	5.83	2.4%	2301008	2.15	2.11	1.9%	2301019	7.36	7.55	2.5%	2301034	7.03	7.17	2.0%
Cd	2300994	< 0.2	< 0.2	0.0%	2301008	9.76	8.88	9.4%	2301019	< 0.2	< 0.2	0.0%	2301034	< 0.2	< 0.2	0.0%
Ce	2300994	9.2	8.3	10.3%	2301008	66.1	63.7	3.7%	2301019	4.28	4.11	4.1%	2301034	2.7	2.7	0.0%
Co	2300994	90.8	89.0	2.0%	2301008	112	112	0.0%	2301019	127	125	1.6%	2301034	80.2	78.5	2.1%
Cr	2300994	0.204	0.199	2.5%	2301008	0.010	0.010	0.0%	2301019	0.261	0.258	1.2%	2301034	0.201	0.204	1.5%
Cs	2300994	0.36	0.28	25.0%	2301008	0.4	0.2		2301019	0.3	0.3	0.0%	2301034	6.74	7.01	3.9%
Cu	2300994	31	30	3.3%	2301008	723	696	3.8%	2301019	60	65	8.0%	2301034	65	67	3.0%
Dy	2300994	1.69	1.81	6.9%	2301008	3.76	3.36	11.2%	2301019	2.62	2.58	1.5%	2301034	1.92	1.83	4.8%
Er	2300994	0.95	0.98	3.1%	2301008	1.84	1.76	4.4%	2301019	1.58	1.50	5.2%	2301034	1.05	1.12	6.5%
Eu	2300994	0.46	0.57	21.4%	2301008	1.84	2.03	9.8%	2301019	0.492	0.521	5.7%	2301034	0.481	0.451	6.4%
Fe	2300994	7.82	7.65	2.2%	2301008	11.0	10.6	3.7%	2301019	7.57	7.69	1.6%	2301034	6.34	6.44	1.6%
Ga	2300994	8.97	9.24	3.0%	2301008	17.9	17.6	1.7%	2301019	14.6	14.8	1.4%	2301034	5.84	5.86	0.3%
Gd	2300994	1.86	1.84	1.1%	2301008	4.45	4.44	0.2%	2301019	2.11	2.07	1.9%	2301034	1.40	1.45	3.5%
Ge	2300994	2	2	0.0%	2301008	2	1		2301019	3	3	0.0%	2301034	5	6	18.2%
Hf	2300994	< 1	< 1	0.0%	2301008	4	3	28.6%	2301019	1	< 1		2301034	< 1	< 1	0.0%
Ho	2300994	0.391	0.364	7.2%	2301008	0.70	0.69	1.4%	2301019	0.58	0.53	9.0%	2301034	0.400	0.407	1.7%
In	2300994	< 0.2	< 0.2	0.0%	2301008	1.1	0.9	20.0%	2301019	< 0.2	< 0.2	0.0%	2301034	< 0.2	< 0.2	0.0%
K	2300994	< 0.05	< 0.05	0.0%	2301008	0.42	0.41	2.4%	2301019	0.558	0.566	1.4%	2301034	1.05	1.09	3.7%
La	2300994	4.25	3.77	12.0%	2301008	31.1	30.5	1.9%	2301019	1.8	1.8	0.0%	2301034	0.8	0.8	0.0%
Li	2300994	< 10	< 10	0.0%	2301008	10	10	0.0%	2301019	35	36	2.8%	2301034	36	37	2.7%
Lu	2300994	0.134	0.163	19.5%	2301008	0.40	0.35	13.3%	2301019	0.26	0.26	0.0%	2301034	0.206	0.190	8.1%
Mg	2300994	13.8	13.1	5.2%	2301008	0.88	0.88	0.0%	2301019	4.44	4.45	0.2%	2301034	12.0	12.3	2.5%
Mn	2300994	1470	1440	2.1%	2301008	343	339	1.2%	2301019	3740	3820	2.1%	2301034	1550	1570	1.3%
Mo	2300994	< 2	< 2	0.0%	2301008	15	15	0.0%	2301019	< 2	< 2	0.0%	2301034	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

Nb	2300994	1	1	0.0%	2301008	7	7	0.0%	2301019	< 1	< 1	0.0%	2301034	< 1	< 1	0.0%
Nd	2300994	6.02	5.14	15.8%	2301008	31.5	30.0	4.9%	2301019	3.99	3.92	1.8%	2301034	2.8	2.7	3.6%
Ni	2300994	1020	1000	2.0%	2301008	577	570	1.2%	2301019	873	863	1.2%	2301034	1170	1180	0.9%
P	2300994	0.02	0.02	0.0%	2301008	0.065	0.067	3.0%	2301019	< 0.01	0.01		2301034	< 0.01	< 0.01	0.0%
Pb	2300994	< 5	< 5	0.0%	2301008	81	83	2.4%	2301019	11	7		2301034	7	7	0.0%
Pr	2300994	1.37	1.28	6.8%	2301008	8.33	8.17	1.9%	2301019	0.684	0.721	5.3%	2301034	0.535	0.497	7.4%
Rb	2300994	1.24	1.04	17.5%	2301008	11.1	11.1	0.0%	2301019	15.0	16.0	6.5%	2301034	45.0	43.3	3.9%
S	2300994	0.637	0.608	4.7%	2301008	6.48	6.37	1.7%	2301019	0.526	0.520	1.1%	2301034	1.18	1.21	2.5%
Sb	2300994	< 0.1	< 0.1	0.0%	2301008	< 0.1	< 0.1	0.0%	2301019	< 0.1	< 0.1	0.0%	2301034	< 0.1	< 0.1	0.0%
Sc	2300994	25	25	0.0%	2301008	18	18	0.0%	2301019	43	42	2.4%	2301034	21	22	4.7%
Si	2300994	20.4	20.1	1.5%	2301008	22.1	21.6	2.3%	2301019	24.5	24.8	1.2%	2301034	24.1	24.5	1.6%
Sm	2300994	1.41	1.13	22.0%	2301008	4.93	5.16	4.6%	2301019	1.2	1.4	15.4%	2301034	0.9	0.9	0.0%
Sn	2300994	1	1	0.0%	2301008	7	7	0.0%	2301019	< 1	< 1	0.0%	2301034	7	7	0.0%
Sr	2300994	55.1	52.4	5.0%	2301008	172	170	1.2%	2301019	109	111	1.8%	2301034	23.4	23.7	1.3%
Ta	2300994	< 0.5	< 0.5	0.0%	2301008	0.5	0.5	0.0%	2301019	< 0.5	< 0.5	0.0%	2301034	< 0.5	< 0.5	0.0%
Tb	2300994	0.241	0.259	7.2%	2301008	0.60	0.54	10.5%	2301019	0.35	0.36	2.8%	2301034	0.221	0.228	3.1%
Th	2300994	0.6	0.6	0.0%	2301008	9.4	9.4	0.0%	2301019	0.1	0.1	0.0%	2301034	< 0.1	0.1	
Ti	2300994	0.238	0.233	2.1%	2301008	0.24	0.24	0.0%	2301019	0.353	0.359	1.7%	2301034	0.11	0.11	0.0%
Tl	2300994	< 0.5	< 0.5	0.0%	2301008	< 0.5	< 0.5	0.0%	2301019	0.55	0.55	0.0%	2301034	2.2	2.2	0.0%
Tm	2300994	0.154	0.145	6.0%	2301008	0.33	0.30	9.5%	2301019	0.26	0.26	0.0%	2301034	0.161	0.179	10.6%
U	2300994	0.235	0.182	25.4%	2301008	2.52	2.55	1.2%	2301019	< 0.05	< 0.05	0.0%	2301034	0.08	0.08	0.0%
V	2300994	150	146	2.7%	2301008	47	48	2.1%	2301019	244	243	0.4%	2301034	169	171	1.2%
W	2300994	< 1	< 1	0.0%	2301008	< 1	< 1	0.0%	2301019	< 1	< 1	0.0%	2301034	< 1	< 1	0.0%
Y	2300994	10.0	9.6	4.1%	2301008	18.6	17.7	5.0%	2301019	14.3	14.9	4.1%	2301034	10.7	10.8	0.9%
Yb	2300994	1.05	1.03	1.9%	2301008	2.11	2.20	4.2%	2301019	1.7	1.7	0.0%	2301034	1.3	1.2	8.0%
Zn	2300994	70	66	5.9%	2301008	5040	4940	2.0%	2301019	84	85	1.2%	2301034	184	188	2.2%
Zr	2300994	25.2	23.9	5.3%	2301008	128	121	5.6%	2301019	29.8	29.8	0.0%	2301034	12.8	12.9	0.8%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O729244

PROJECT: 2021 Surimeau DDH Batch 12

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.56	101%	90% - 110%					6.94	6.8	98%	90% - 110%	13.0	12.9	99%	90% - 110%
As	26	28	106%	90% - 110%												
Ba	540	536	99%	90% - 110%									1310	1255	96%	90% - 110%
Be	4.0	3.4	84%	90% - 110%												
Ca	0.907	0.924	102%	90% - 110%					4.01	3.93	98%	90% - 110%	1.42	1.38	97%	90% - 110%
Ce	98	102	104%	90% - 110%	58.2	59.5	102%	90% - 110%								
Co	15	15	103%	90% - 110%												
Cu	150	159	106%	90% - 110%									6.4	5	77%	90% - 110%
Er	3.7	3.8	102%	90% - 110%												
Eu	1.0	1.24	124%	90% - 110%												
Fe	3.77	4.12	109%	90% - 110%					7.56	7.67	101%	90% - 110%	3.27	3.38	104%	90% - 110%
Ga					22.6	22.8	101%	90% - 110%								
Hf	11	11	96%	90% - 110%												
K	2.55	2.67	105%	90% - 110%					2.02	2.07	103%	90% - 110%	3.68	3.84	104%	90% - 110%
La	44	45	103%	90% - 110%	27.5	28.6	104%	90% - 110%								
Li	47	51	110%	90% - 110%									65.0	70.1	108%	90% - 110%
Lu	0.6	0.6	101%	90% - 110%												
Mg	1.1	1.1	96%	90% - 110%					2.41	2.36	98%	90% - 110%				
Mn	780	821	105%	90% - 110%												
Mo	14	14	100%	90% - 110%												
Nb	20	21	103%	90% - 110%	22.6	23.4	103%	90% - 110%								
Nd					27.3	28.7	105%	90% - 110%								
Ni	32	35	109%	90% - 110%												
P													0.061	0.051	84%	90% - 110%
Pb	31	32	103%	90% - 110%												
Rb	144	145	100%	90% - 110%	85.4	85.5	100%	90% - 110%								
Sb	0.8	0.8	94%	90% - 110%												
Sc	12	13	107%	90% - 110%												
Si	28.4	30.6	108%	90% - 110%					23.65	24.12	102%	90% - 110%	24.4	25.3	104%	90% - 110%
Sm	7.4	8	109%	90% - 110%												
Sr	144	157	109%	90% - 110%									310	323	104%	90% - 110%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Brian Newton, Francis Newton

Ta	1.9	2.2	114%	90% - 110%												
Tb	1.2	1.2	102%	90% - 110%												
Th	18.4	19.4	105%	90% - 110%												
Ti	0.527	0.553	105%	90% - 110%									0.222	0.22	99%	90% - 110%
U	5.7	5.4	95%	90% - 110%												
V	77	79	103%	90% - 110%												
W	5	6	120%	90% - 110%												
Y	40	38	94%	90% - 110%	25.3	24.8	98%	90% - 110%								
Yb					2.66	2.89	109%	90% - 110%								
Zn	130	139	107%	90% - 110%									75.4	79.9	106%	90% - 110%
Zr	390	390	100%	90% - 110%	157	158	100%	90% - 110%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O729244

PROJECT: 2021 Surimeau DDH Batch 12

ATTENTION TO: Brian Newton, Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O729244

PROJECT: 2021 Surimeau DDH Batch 12

ATTENTION TO: Brian Newton, Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O729244

PROJECT: 2021 Surimeau DDH Batch 12

ATTENTION TO: Brian Newton, Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 17

AGAT WORK ORDER: 21O731075

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Sep 21, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731075

PROJECT: 2021 Surimeau DDH Batch 17

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
46301 (2322046)	5.27
46302 (2322047)	0.64
46303 (2322048)	4.79
46304 (2322049)	5.06
46305 (2322050)	4.84
46306 (2322051)	4.97
46307 (2322052)	3.42
46308 (2322053)	4.80
46309 (2322054)	1.70
46310 (2322055)	4.67
46311 (2322056)	5.29
46312 C-DUP (2322057)	-
46313 (2322058)	5.19
46314 (2322059)	2.44
46315 (2322060)	2.34
46316 (2322061)	3.20
46317 (2322062)	3.48
46318 (2322063)	5.66
46319 (2322064)	4.91
46320 (2322065)	3.24
46321 (2322066)	4.96
46322 (2322067)	0.65
46323 (2322068)	5.23
46324 (2322069)	4.82
46325 (2322070)	5.64
46326 (2322071)	5.08
46327 (2322072)	5.08
46328 (2322073)	4.49
46329 (2322074)	5.20
46330 (2322075)	1.67
46331 (2322076)	1.78

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731075

PROJECT: 2021 Surimeau DDH Batch 17

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
46332 (2322077)	2.43
46333 (2322078)	3.43
46334 (2322079)	5.04
46335 (2322080)	5.21
46336 (2322081)	3.05
46337 (2322082)	3.41
46338 (2322083)	3.06
46339 (2322084)	2.97
46340 (2322085)	2.88
46341 (2322086)	1.91
46342 (2322087)	1.59
46343 (2322088)	2.88
46344 (2322089)	2.87
46345 C-DUP (2322090)	-
46346 (2322091)	2.94
46347 (2322092)	4.68
46348 (2322093)	5.22
46349 (2322094)	5.34
46350 (2322095)	4.61

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731075

PROJECT: 2021 Surimeau DDH Batch 17

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
46301 (2322046)	<1	4.31	<5	<20	3.7	<5	0.2	4.85	<0.2	1.5	103	0.244	0.7	63
46302 (2322047)	<1	0.13	<5	<20	29.3	<5	<0.1	36.0	<0.2	1.0	0.5	<0.005	<0.1	<5
46303 (2322048)	<1	3.09	<5	<20	4.0	<5	0.5	4.48	<0.2	1.2	103	0.214	0.5	26
46304 (2322049)	<1	2.90	<5	<20	4.0	<5	0.4	4.63	<0.2	1.3	93.9	0.201	0.6	34
46305 (2322050)	<1	3.89	<5	<20	221	<5	0.2	5.33	0.2	2.0	90.6	0.242	9.5	43
46306 (2322051)	<1	3.88	<5	<20	173	<5	0.2	5.38	<0.2	2.6	95.2	0.245	6.8	71
46307 (2322052)	<1	3.12	<5	<20	3.6	<5	0.3	4.25	<0.2	2.2	95.9	0.207	0.9	41
46308 (2322053)	<1	2.83	<5	<20	4.4	<5	0.3	4.30	<0.2	2.7	91.7	0.192	0.9	<5
46309 (2322054)	<1	2.86	<5	<20	3.9	<5	0.4	3.73	<0.2	1.8	93.9	0.202	0.7	13
46310 (2322055)	<1	3.64	<5	<20	2.7	<5	0.2	4.16	<0.2	1.8	100	0.237	0.7	59
46311 (2322056)	<1	3.03	<5	<20	3.5	<5	0.4	4.14	<0.2	1.5	95.8	0.212	0.7	16
46312 C-DUP (2322057)	<1	3.05	<5	<20	3.3	<5	0.4	4.08	<0.2	1.4	93.3	0.213	0.7	16
46313 (2322058)	<1	2.94	<5	<20	2.3	<5	0.3	4.54	<0.2	1.6	93.8	0.196	0.7	23
46314 (2322059)	<1	3.05	<5	<20	2.6	<5	0.3	6.24	<0.2	2.2	91.5	0.202	0.3	50
46315 (2322060)	<1	3.02	<5	<20	2.5	<5	0.3	6.12	<0.2	2.1	90.4	0.203	0.6	44
46316 (2322061)	<1	3.26	<5	<20	3.4	<5	0.3	6.22	<0.2	1.6	91.3	0.210	0.4	60
46317 (2322062)	<1	3.03	<5	<20	12.5	<5	0.3	6.93	<0.2	1.8	92.9	0.205	0.7	38
46318 (2322063)	<1	3.85	<5	<20	33.6	<5	0.1	6.11	<0.2	1.6	90.0	0.239	1.0	<5
46319 (2322064)	<1	4.58	<5	<20	194	<5	0.3	6.54	<0.2	2.4	89.4	0.210	4.9	<5
46320 (2322065)	<1	4.51	<5	<20	75.9	<5	0.2	6.78	<0.2	3.4	88.1	0.231	2.2	<5
46321 (2322066)	<1	3.76	<5	<20	4.3	<5	0.2	6.54	<0.2	2.4	88.8	0.234	0.4	18
46322 (2322067)	<1	0.04	<5	<20	23.3	<5	<0.1	35.0	<0.2	0.7	0.5	<0.005	<0.1	<5
46323 (2322068)	<1	3.09	<5	<20	2.7	<5	0.4	6.13	<0.2	1.4	101	0.261	0.6	65
46324 (2322069)	<1	3.35	<5	<20	2.8	<5	0.6	4.94	<0.2	1.4	101	0.237	0.6	67
46325 (2322070)	<1	3.00	<5	<20	3.2	<5	0.4	3.85	<0.2	1.5	97.1	0.221	0.7	34
46326 (2322071)	<1	3.01	<5	<20	2.5	<5	0.4	4.12	<0.2	4.2	98.6	0.206	0.8	39
46327 (2322072)	<1	3.05	<5	<20	2.3	<5	0.4	4.44	<0.2	5.9	93.3	0.208	0.3	47
46328 (2322073)	2	3.61	<5	<20	3.4	<5	0.4	3.98	<0.2	2.0	99.8	0.231	0.5	52
46329 (2322074)	<1	3.46	<5	<20	2.6	<5	0.3	3.99	<0.2	3.2	93.6	0.221	0.3	53
46330 (2322075)	<1	3.84	<5	<20	218	<5	0.4	4.17	<0.2	15.8	82.0	0.184	4.1	34
46331 (2322076)	<1	10.5	<5	<20	1290	<5	<0.1	2.13	<0.2	100	8.0	0.006	4.8	13
46332 (2322077)	<1	3.94	<5	<20	225	<5	0.3	4.11	<0.2	8.9	90.7	0.186	2.1	23

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731075

PROJECT: 2021 Surimeau DDH Batch 17

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
46333 (2322078)	<1	3.50	<5	<20	8.4	<5	0.3	3.89	<0.2	2.1	92.7	0.219	0.5	34
46334 (2322079)	<1	3.34	<5	<20	2.4	<5	0.4	4.16	<0.2	1.6	93.1	0.218	0.4	40
46335 (2322080)	<1	2.96	<5	<20	2.4	<5	0.4	5.11	<0.2	1.7	92.5	0.201	0.1	45
46336 (2322081)	<1	3.03	<5	<20	55.3	<5	0.4	5.90	0.2	1.9	90.2	0.179	3.2	57
46337 (2322082)	<1	3.50	<5	<20	184	<5	0.4	5.07	0.9	4.3	92.9	0.204	10.9	164
46338 (2322083)	<1	8.00	<5	<20	195	<5	2.2	1.30	8.1	64.5	75.7	0.019	2.5	604
46339 (2322084)	1	6.43	<5	<20	33.7	<5	5.2	0.63	23.0	52.6	99.9	0.009	<0.1	782
46340 (2322085)	1	7.11	<5	<20	78.0	<5	3.7	0.88	6.6	57.1	65.8	0.019	0.3	584
46341 (2322086)	<1	7.69	<5	<20	316	<5	0.8	2.20	1.6	50.0	30.9	0.026	0.3	393
46342 (2322087)	<1	7.56	<5	<20	298	<5	0.7	1.78	1.7	48.7	30.9	0.024	<0.1	353
46343 (2322088)	<1	7.71	<5	<20	479	<5	1.3	3.06	11.5	58.9	60.8	0.022	0.1	881
46344 (2322089)	<1	7.40	<5	<20	177	<5	2.6	1.61	22.1	47.0	83.5	0.023	0.1	1090
46345 C-DUP (2322090)	1	7.39	<5	<20	176	<5	2.5	1.62	21.7	47.6	85.9	0.020	0.2	1130
46346 (2322091)	2	7.01	<5	<20	96.8	<5	2.0	5.32	30.2	40.4	144	0.015	<0.1	2110
46347 (2322092)	<1	5.74	<5	<20	109	<5	0.9	6.55	0.2	3.9	160	0.404	<0.1	641
46348 (2322093)	<1	6.18	<5	<20	123	<5	0.9	5.51	0.2	3.3	153	0.411	3.6	64
46349 (2322094)	<1	6.25	<5	<20	95.3	<5	0.7	5.00	<0.2	3.0	179	0.442	2.9	58
46350 (2322095)	<1	2.62	<5	<20	2.4	<5	0.3	5.79	<0.2	1.2	86.4	0.180	0.2	21

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731075

PROJECT: 2021 Surimeau DDH Batch 17

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
46301 (2322046)	1.33	0.85	0.29	8.60	8.06	1.16	1	<1	0.30	<0.2	<0.05	0.5	<10	0.14
46302 (2322047)	0.18	0.21	<0.05	0.13	0.42	0.23	<1	<1	0.05	<0.2	0.05	1.1	<10	<0.05
46303 (2322048)	1.08	0.63	0.18	6.98	7.32	0.84	1	<1	0.25	<0.2	<0.05	0.4	<10	0.07
46304 (2322049)	1.22	0.50	0.29	6.87	6.75	0.83	2	<1	0.23	<0.2	<0.05	0.4	<10	0.08
46305 (2322050)	1.57	1.07	0.28	7.78	8.09	1.29	2	<1	0.33	<0.2	1.02	0.6	27	0.17
46306 (2322051)	1.80	1.12	0.35	7.75	7.60	1.35	2	<1	0.40	<0.2	0.77	1.0	22	0.19
46307 (2322052)	1.24	0.73	0.16	7.05	6.80	0.91	2	<1	0.21	<0.2	<0.05	0.6	<10	0.10
46308 (2322053)	1.29	0.94	0.18	6.82	6.75	1.10	1	<1	0.27	<0.2	<0.05	1.2	<10	0.18
46309 (2322054)	1.09	0.74	0.11	6.70	6.75	0.75	1	<1	0.22	<0.2	<0.05	0.7	<10	0.09
46310 (2322055)	1.27	0.72	0.22	7.76	7.69	1.11	1	<1	0.29	<0.2	<0.05	0.6	<10	0.12
46311 (2322056)	1.29	0.61	0.15	7.08	6.58	0.84	1	<1	0.22	<0.2	<0.05	0.5	<10	0.12
46312 C-DUP (2322057)	0.87	0.91	0.19	7.03	6.57	0.83	1	<1	0.24	<0.2	<0.05	0.5	<10	0.12
46313 (2322058)	1.28	0.64	0.16	6.58	6.65	1.04	2	<1	0.26	<0.2	<0.05	0.6	<10	0.13
46314 (2322059)	1.73	0.85	0.18	7.13	6.56	1.14	1	<1	0.35	<0.2	<0.05	0.8	<10	0.11
46315 (2322060)	1.41	1.10	0.31	7.01	6.84	1.18	2	<1	0.40	<0.2	<0.05	0.7	<10	0.20
46316 (2322061)	1.36	0.93	0.27	7.18	7.28	1.02	2	<1	0.28	<0.2	<0.05	0.5	<10	0.14
46317 (2322062)	1.34	0.81	0.34	6.96	6.65	0.95	1	<1	0.29	<0.2	<0.05	0.7	<10	0.13
46318 (2322063)	1.58	0.94	<0.05	7.97	9.32	1.19	1	<1	0.32	<0.2	0.12	0.5	11	0.10
46319 (2322064)	1.82	1.12	<0.05	8.08	9.60	1.32	1	<1	0.35	<0.2	0.60	0.8	30	0.15
46320 (2322065)	2.43	1.66	0.15	8.44	8.98	1.61	1	<1	0.45	<0.2	0.25	1.0	17	0.19
46321 (2322066)	1.69	0.88	<0.05	7.95	7.58	1.23	2	<1	0.31	<0.2	<0.05	0.8	<10	0.16
46322 (2322067)	0.23	0.13	<0.05	0.14	0.14	0.22	1	<1	<0.05	<0.2	<0.05	1.1	<10	<0.05
46323 (2322068)	1.43	0.91	<0.05	7.21	6.79	1.01	2	<1	0.30	<0.2	<0.05	0.5	<10	0.08
46324 (2322069)	1.19	0.94	<0.05	7.25	7.46	0.90	2	<1	0.27	<0.2	<0.05	0.5	<10	0.09
46325 (2322070)	1.20	0.74	<0.05	7.16	6.80	0.83	2	<1	0.25	<0.2	<0.05	0.6	<10	0.12
46326 (2322071)	1.53	0.74	<0.05	7.30	6.63	1.08	2	<1	0.27	<0.2	<0.05	1.8	<10	0.13
46327 (2322072)	1.21	0.90	<0.05	7.12	7.05	1.05	2	<1	0.30	<0.2	<0.05	3.0	<10	0.12
46328 (2322073)	1.41	0.85	<0.05	7.63	7.86	0.97	2	<1	0.23	<0.2	<0.05	0.6	<10	0.09
46329 (2322074)	1.42	0.80	<0.05	7.11	8.51	1.08	2	<1	0.32	<0.2	<0.05	1.5	<10	0.12
46330 (2322075)	1.36	0.77	<0.05	6.85	10.8	1.71	2	1	0.27	<0.2	0.46	7.2	25	0.12
46331 (2322076)	2.71	0.77	2.13	3.39	21.7	5.88	<1	7	0.37	<0.2	1.05	43.8	43	0.05
46332 (2322077)	1.45	0.69	<0.05	6.94	10.3	1.54	3	1	0.34	<0.2	0.33	3.7	18	0.12

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731075

PROJECT: 2021 Surimeau DDH Batch 17

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
46333 (2322078)	1.07	0.75	<0.05	7.22	9.27	0.94	3	<1	0.26	<0.2	<0.05	0.8	<10	0.12
46334 (2322079)	1.32	0.83	<0.05	7.22	8.45	1.03	3	<1	0.28	<0.2	<0.05	0.7	<10	0.11
46335 (2322080)	1.28	0.68	<0.05	6.55	7.88	0.95	3	<1	0.26	<0.2	<0.05	0.8	<10	0.09
46336 (2322081)	1.42	0.87	<0.05	6.81	8.60	1.02	4	<1	0.28	<0.2	0.39	0.6	16	0.10
46337 (2322082)	1.48	0.87	<0.05	7.37	13.2	1.18	5	<1	0.34	<0.2	1.27	1.8	43	0.11
46338 (2322083)	3.76	2.06	1.77	5.96	22.5	4.68	1	4	0.74	1.4	0.43	30.8	20	0.37
46339 (2322084)	3.99	2.48	1.01	7.55	20.3	4.24	<1	3	0.79	4.4	0.08	24.5	<10	0.35
46340 (2322085)	2.90	1.97	1.28	5.40	22.5	3.80	1	4	0.66	1.5	0.16	27.4	<10	0.23
46341 (2322086)	2.40	1.30	0.89	2.96	22.2	3.27	2	3	0.53	0.3	0.39	23.2	<10	0.24
46342 (2322087)	2.19	1.41	1.15	2.91	22.2	3.21	2	3	0.47	<0.2	0.33	23.4	<10	0.21
46343 (2322088)	3.52	1.84	1.41	6.03	26.4	4.30	3	3	0.62	2.5	0.35	27.1	<10	0.24
46344 (2322089)	3.25	1.66	1.29	5.91	29.1	3.84	1	3	0.61	4.2	0.16	21.7	<10	0.26
46345 C-DUP (2322090)	3.21	1.62	1.49	5.93	29.6	3.92	1	3	0.64	4.4	0.16	21.7	<10	0.26
46346 (2322091)	3.44	2.22	1.71	8.93	24.5	4.00	1	3	0.74	6.4	0.13	18.3	<10	0.37
46347 (2322092)	2.80	1.63	0.41	9.79	12.6	1.88	2	1	0.57	<0.2	0.12	1.8	14	0.24
46348 (2322093)	2.86	1.86	0.14	8.71	13.6	2.04	2	<1	0.58	<0.2	0.71	1.3	44	0.24
46349 (2322094)	2.47	1.30	0.19	9.96	12.2	1.88	2	<1	0.61	<0.2	0.53	1.2	33	0.22
46350 (2322095)	1.29	0.86	<0.05	6.25	6.38	0.82	2	<1	0.27	<0.2	<0.05	0.2	<10	0.09

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731075

PROJECT: 2021 Surimeau DDH Batch 17

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
46301 (2322046)	13.5	1230	<2	<1	1.6	988	<0.01	<5	0.23	1.3	0.14	<0.1	26	21.5
46302 (2322047)	1.33	90	<2	<1	0.8	<5	<0.01	<5	0.16	0.6	<0.01	<0.1	<5	4.17
46303 (2322048)	15.3	1280	<2	<1	1.1	1240	<0.01	<5	0.20	1.0	0.08	<0.1	22	20.7
46304 (2322049)	15.0	1240	<2	<1	1.1	1200	<0.01	<5	0.20	1.0	0.06	<0.1	21	21.3
46305 (2322050)	13.4	1290	<2	<1	2.3	882	<0.01	<5	0.29	42.5	0.10	<0.1	28	20.2
46306 (2322051)	13.2	1200	<2	<1	2.2	851	0.01	9	0.35	31.8	0.15	<0.1	28	19.6
46307 (2322052)	15.2	1260	<2	<1	1.9	1200	<0.01	<5	0.21	1.1	0.09	<0.1	21	21.6
46308 (2322053)	15.9	1240	<2	<1	2.5	1230	<0.01	<5	0.39	1.0	0.02	<0.1	20	20.4
46309 (2322054)	15.2	1190	<2	<1	1.4	1220	<0.01	<5	0.18	0.8	0.04	<0.1	20	20.8
46310 (2322055)	15.2	1100	<2	<1	1.9	1060	<0.01	<5	0.28	0.5	0.12	<0.1	26	20.1
46311 (2322056)	15.5	1250	<2	<1	1.4	1200	<0.01	<5	0.14	1.2	0.05	<0.1	22	20.9
46312 C-DUP (2322057)	15.5	1260	<2	<1	1.5	1200	<0.01	<5	0.29	0.4	0.04	<0.1	22	20.7
46313 (2322058)	13.4	1120	<2	<1	1.6	1090	<0.01	<5	0.30	0.3	0.06	<0.1	21	19.6
46314 (2322059)	14.5	1250	<2	<1	2.2	1010	<0.01	<5	0.27	0.6	0.10	<0.1	22	20.2
46315 (2322060)	14.4	1220	<2	<1	2.0	1030	<0.01	<5	0.35	<0.2	0.10	<0.1	22	19.4
46316 (2322061)	14.4	1170	<2	<1	2.0	1120	<0.01	<5	0.23	0.4	0.13	<0.1	22	20.7
46317 (2322062)	13.1	1270	<2	<1	1.7	1040	<0.01	<5	0.36	2.0	0.09	<0.1	22	19.1
46318 (2322063)	13.8	1360	<2	<1	1.9	794	<0.01	<5	0.29	3.8	<0.01	<0.1	29	20.0
46319 (2322064)	12.4	1650	<2	<1	2.4	549	<0.01	<5	0.44	22.4	<0.01	<0.1	29	18.1
46320 (2322065)	12.6	1700	<2	<1	3.1	562	<0.01	<5	0.50	9.9	<0.01	<0.1	32	18.8
46321 (2322066)	13.4	1540	<2	<1	2.1	701	<0.01	<5	0.33	0.8	0.09	<0.1	26	20.0
46322 (2322067)	1.87	129	<2	<1	0.9	<5	<0.01	<5	0.21	<0.2	<0.01	<0.1	<5	5.79
46323 (2322068)	14.2	1140	<2	<1	1.7	1120	<0.01	<5	0.28	0.5	0.39	<0.1	23	21.7
46324 (2322069)	15.0	1200	<2	<1	0.9	1220	<0.01	<5	0.23	0.9	0.32	<0.1	22	20.1
46325 (2322070)	15.5	1230	<2	<1	1.5	1200	<0.01	<5	0.23	0.6	0.17	<0.1	21	21.3
46326 (2322071)	15.5	1280	<2	<1	3.1	1190	<0.01	<5	0.60	0.8	0.20	<0.1	22	21.6
46327 (2322072)	15.0	1280	<2	<1	3.5	1100	<0.01	<5	0.97	0.7	0.28	<0.1	22	20.9
46328 (2322073)	15.6	1320	<2	<1	1.8	1130	<0.01	<5	0.24	1.0	0.31	<0.1	24	19.7
46329 (2322074)	15.4	1240	<2	<1	2.3	1010	<0.01	<5	0.56	0.2	0.37	<0.1	25	21.4
46330 (2322075)	14.3	1210	<2	1	8.8	1050	0.01	25	2.22	17.1	0.38	<0.1	20	23.0
46331 (2322076)	2.11	415	18	7	49.4	17	0.07	50	12.1	41.8	<0.01	<0.1	<5	28.0
46332 (2322077)	14.1	1190	<2	1	6.3	1000	<0.01	<5	1.36	11.5	0.70	<0.1	21	22.3

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731075

PROJECT: 2021 Surimeau DDH Batch 17

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
46333 (2322078)	15.5	1230	<2	<1	2.0	1010	<0.01	<5	0.29	0.3	0.90	<0.1	23	22.1
46334 (2322079)	15.1	1180	<2	<1	1.6	1050	<0.01	<5	0.31	0.2	1.24	<0.1	23	21.4
46335 (2322080)	14.4	1210	<2	<1	1.7	1140	<0.01	<5	0.22	0.2	1.18	<0.1	20	23.1
46336 (2322081)	13.7	1460	<2	<1	1.6	1020	<0.01	<5	0.29	13.1	1.33	<0.1	21	23.3
46337 (2322082)	13.6	1690	6	<1	2.9	993	<0.01	5	0.66	45.6	1.52	<0.1	22	22.8
46338 (2322083)	1.49	386	15	7	28.7	221	0.04	59	7.96	19.2	2.93	<0.1	21	25.4
46339 (2322084)	0.45	235	14	6	25.3	296	0.03	43	6.73	1.7	4.50	<0.1	15	21.2
46340 (2322085)	0.68	242	8	5	26.8	181	0.03	67	6.96	2.6	2.80	<0.1	14	26.9
46341 (2322086)	0.66	402	3	5	23.9	92	0.04	62	6.18	11.8	1.41	<0.1	13	30.8
46342 (2322087)	0.68	370	3	5	21.5	87	0.04	48	6.01	9.3	1.40	<0.1	14	30.5
46343 (2322088)	1.64	734	5	5	29.4	128	0.06	75	6.98	9.9	3.16	<0.1	21	27.3
46344 (2322089)	0.37	334	7	6	23.5	240	0.04	150	5.62	3.6	3.58	<0.1	14	28.2
46345 C-DUP (2322090)	0.37	340	8	5	22.8	246	0.05	152	5.66	2.9	3.61	<0.1	14	27.9
46346 (2322091)	0.37	772	15	5	21.9	722	0.03	133	5.68	2.0	5.54	<0.1	15	23.6
46347 (2322092)	3.35	3160	29	<1	3.4	1580	<0.01	17	0.61	1.0	3.23	<0.1	41	24.6
46348 (2322093)	5.62	3190	<2	<1	2.8	1690	<0.01	12	0.59	28.4	0.55	<0.1	43	25.7
46349 (2322094)	11.5	2360	<2	<1	2.4	2000	<0.01	5	0.44	17.8	0.36	<0.1	45	19.8
46350 (2322095)	14.2	1170	<2	<1	1.3	1050	<0.01	<5	0.26	0.8	0.18	<0.1	21	24.0

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731075

PROJECT: 2021 Surimeau DDH Batch 17

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
46301 (2322046)	0.9	<1	59.1	<0.5	0.21	0.1	0.23	<0.5	0.13	<0.05	161	<1	10.1	0.7
46302 (2322047)	<0.1	<1	82.7	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.08	<5	<1	2.8	0.2
46303 (2322048)	0.3	<1	103	<0.5	0.14	<0.1	0.17	<0.5	0.09	<0.05	114	<1	5.9	0.6
46304 (2322049)	0.5	<1	92.0	<0.5	0.12	<0.1	0.15	<0.5	0.11	<0.05	111	<1	5.4	0.5
46305 (2322050)	1.3	<1	77.1	<0.5	0.22	<0.1	0.22	0.7	0.13	<0.05	156	<1	9.2	1.0
46306 (2322051)	0.9	<1	91.9	<0.5	0.26	<0.1	0.22	0.6	0.16	<0.05	166	<1	9.6	1.1
46307 (2322052)	0.5	<1	67.8	<0.5	0.14	0.1	0.16	<0.5	0.09	<0.05	108	<1	6.3	0.7
46308 (2322053)	0.7	<1	120	<0.5	0.18	0.2	0.16	<0.5	0.12	0.14	109	<1	7.4	0.9
46309 (2322054)	0.5	<1	67.3	<0.5	0.12	<0.1	0.16	<0.5	0.10	<0.05	106	<1	5.4	0.5
46310 (2322055)	0.7	<1	65.8	<0.5	0.20	<0.1	0.21	<0.5	0.10	<0.05	155	<1	8.3	0.8
46311 (2322056)	0.6	<1	81.9	<0.5	0.15	<0.1	0.17	<0.5	0.10	<0.05	118	<1	5.9	0.7
46312 C-DUP (2322057)	0.5	<1	79.7	<0.5	0.15	<0.1	0.17	<0.5	0.09	<0.05	118	<1	5.9	0.7
46313 (2322058)	0.6	<1	91.4	<0.5	0.17	<0.1	0.16	<0.5	0.13	<0.05	118	<1	7.5	0.7
46314 (2322059)	1.2	<1	130	<0.5	0.20	<0.1	0.18	<0.5	0.13	<0.05	125	<1	9.1	0.8
46315 (2322060)	0.9	<1	124	<0.5	0.20	<0.1	0.17	<0.5	0.14	<0.05	131	<1	9.9	0.8
46316 (2322061)	0.5	<1	84.1	<0.5	0.17	<0.1	0.17	<0.5	0.13	<0.05	125	<1	7.0	0.8
46317 (2322062)	0.7	<1	105	<0.5	0.17	<0.1	0.17	<0.5	0.13	<0.05	121	<1	8.0	0.7
46318 (2322063)	0.5	<1	73.4	<0.5	0.21	<0.1	0.24	<0.5	0.13	<0.05	168	<1	9.3	0.9
46319 (2322064)	1.4	<1	125	<0.5	0.23	<0.1	0.25	0.6	0.16	<0.05	171	<1	9.8	1.0
46320 (2322065)	0.7	<1	111	<0.5	0.28	<0.1	0.26	<0.5	0.21	<0.05	188	<1	13.2	1.4
46321 (2322066)	0.7	<1	93.1	<0.5	0.21	<0.1	0.22	<0.5	0.14	<0.05	150	<1	9.8	0.9
46322 (2322067)	0.2	<1	79.6	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.10	<5	<1	1.8	<0.1
46323 (2322068)	0.6	<1	68.7	<0.5	0.17	<0.1	0.17	<0.5	0.12	<0.05	129	<1	7.2	0.8
46324 (2322069)	0.4	<1	94.9	<0.5	0.17	<0.1	0.18	<0.5	0.11	<0.05	126	<1	6.3	0.7
46325 (2322070)	0.8	<1	67.7	<0.5	0.14	<0.1	0.17	<0.5	0.10	<0.05	114	<1	6.7	0.7
46326 (2322071)	1.2	<1	75.7	<0.5	0.17	0.3	0.17	<0.5	0.12	0.05	118	<1	8.7	0.9
46327 (2322072)	0.4	<1	83.1	<0.5	0.18	0.4	0.18	<0.5	0.10	0.06	122	<1	7.5	0.8
46328 (2322073)	0.7	<1	91.4	<0.5	0.15	<0.1	0.20	<0.5	0.12	<0.05	141	<1	6.7	0.7
46329 (2322074)	0.8	<1	37.3	<0.5	0.17	0.1	0.19	<0.5	0.11	<0.05	138	<1	7.8	0.7
46330 (2322075)	2.0	<1	67.5	<0.5	0.23	1.2	0.19	<0.5	0.11	0.35	119	<1	6.7	0.8
46331 (2322076)	8.2	4	1990	<0.5	0.63	9.5	0.34	0.6	0.11	3.19	59	<1	12.3	0.6
46332 (2322077)	1.6	1	87.3	<0.5	0.21	1.4	0.19	<0.5	0.10	0.38	116	<1	8.8	0.7

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731075

PROJECT: 2021 Surimeau DDH Batch 17

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
46333 (2322078)	0.6	<1	22.5	<0.5	0.15	0.1	0.19	<0.5	0.11	<0.05	137	<1	6.7	0.6
46334 (2322079)	0.6	<1	17.3	<0.5	0.17	<0.1	0.19	<0.5	0.13	<0.05	133	<1	7.2	0.6
46335 (2322080)	0.4	<1	16.7	<0.5	0.16	<0.1	0.16	<0.5	0.10	<0.05	116	<1	7.7	0.8
46336 (2322081)	0.6	3	20.6	<0.5	0.18	0.1	0.15	<0.5	0.09	0.06	129	<1	8.8	0.7
46337 (2322082)	1.0	5	18.9	<0.5	0.19	0.2	0.19	1.2	0.15	0.14	138	<1	8.0	0.9
46338 (2322083)	5.3	10	254	0.7	0.67	8.3	0.31	<0.5	0.36	2.55	85	<1	20.8	2.1
46339 (2322084)	5.0	10	69.3	0.6	0.67	6.3	0.24	<0.5	0.35	1.79	50	<1	20.7	2.3
46340 (2322085)	4.5	11	59.4	0.6	0.53	7.3	0.26	<0.5	0.29	2.20	72	<1	15.3	1.7
46341 (2322086)	4.4	11	107	0.5	0.43	6.7	0.29	<0.5	0.22	1.99	84	<1	11.3	1.3
46342 (2322087)	3.8	12	96.9	<0.5	0.44	6.9	0.29	<0.5	0.22	2.20	89	<1	12.4	1.1
46343 (2322088)	4.8	21	256	<0.5	0.56	5.9	0.39	<0.5	0.25	1.60	132	<1	18.5	1.6
46344 (2322089)	5.1	18	73.4	0.6	0.52	6.2	0.30	<0.5	0.24	1.87	79	<1	16.9	1.6
46345 C-DUP (2322090)	4.3	19	73.3	0.5	0.55	5.8	0.30	<0.5	0.25	1.87	78	<1	17.4	1.7
46346 (2322091)	4.5	25	95.3	<0.5	0.60	4.6	0.31	<0.5	0.31	1.35	84	<1	18.6	1.8
46347 (2322092)	1.3	5	85.1	<0.5	0.33	0.1	0.32	<0.5	0.25	0.07	239	<1	13.7	1.5
46348 (2322093)	1.0	4	102	<0.5	0.36	0.1	0.34	1.3	0.25	<0.05	242	<1	16.5	1.6
46349 (2322094)	1.4	2	24.6	<0.5	0.35	<0.1	0.37	<0.5	0.21	<0.05	263	<1	15.1	1.3
46350 (2322095)	0.6	<1	12.7	<0.5	0.14	<0.1	0.13	<0.5	0.11	<0.05	111	<1	6.2	0.7

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731075

PROJECT: 2021 Surimeau DDH Batch 17

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
46301 (2322046)	61	19.2
46302 (2322047)	<5	2.6
46303 (2322048)	54	12.5
46304 (2322049)	53	14.7
46305 (2322050)	62	16.8
46306 (2322051)	64	18.6
46307 (2322052)	57	10.6
46308 (2322053)	60	38.6
46309 (2322054)	63	13.7
46310 (2322055)	62	14.5
46311 (2322056)	55	17.5
46312 C-DUP (2322057)	54	13.3
46313 (2322058)	47	13.3
46314 (2322059)	51	13.7
46315 (2322060)	50	16.3
46316 (2322061)	64	10.0
46317 (2322062)	52	11.0
46318 (2322063)	59	19.8
46319 (2322064)	68	23.1
46320 (2322065)	65	20.1
46321 (2322066)	61	15.4
46322 (2322067)	7	1.5
46323 (2322068)	61	17.1
46324 (2322069)	52	16.3
46325 (2322070)	53	13.6
46326 (2322071)	51	13.5
46327 (2322072)	53	14.3
46328 (2322073)	60	14.0
46329 (2322074)	61	14.0
46330 (2322075)	103	41.4
46331 (2322076)	59	251
46332 (2322077)	62	43.7

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731075

PROJECT: 2021 Surimeau DDH Batch 17

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
46333 (2322078)	54	17.9
46334 (2322079)	62	15.4
46335 (2322080)	73	14.8
46336 (2322081)	124	16.1
46337 (2322082)	574	18.2
46338 (2322083)	4370	150
46339 (2322084)	13100	130
46340 (2322085)	3650	133
46341 (2322086)	958	131
46342 (2322087)	870	130
46343 (2322088)	6470	126
46344 (2322089)	11200	127
46345 C-DUP (2322090)	11600	130
46346 (2322091)	15400	132
46347 (2322092)	416	32.4
46348 (2322093)	127	29.1
46349 (2322094)	97	30.6
46350 (2322095)	52	12.6

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731075

PROJECT: 2021 Surimeau DDH Batch 17

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
46301 (2322046)	80.37
46320 (2322065)	88.21
46340 (2322085)	87.56

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731075

PROJECT: 2021 Surimeau DDH Batch 17

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
46301 (2322046)		86.64
46320 (2322065)		85.19
46338 (2322083)		90.87

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O731075

PROJECT: 2021 Surimeau DDH Batch 17

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2322046	< 1	< 1	0.0%	2322060	< 1	< 1	0.0%	2322071	< 1	< 1	0.0%	2322086	< 1	< 1	0.0%
Al	2322046	4.31	3.78	13.1%	2322060	3.02	3.03	0.3%	2322071	3.01	2.99	0.7%	2322086	7.69	7.67	0.3%
As	2322046	< 5	< 5	0.0%	2322060	< 5	< 5	0.0%	2322071	< 5	< 5	0.0%	2322086	< 5	< 5	0.0%
B	2322046	< 20	< 20	0.0%	2322060	< 20	< 20	0.0%	2322071	< 20	< 20	0.0%	2322086	< 20	< 20	0.0%
Ba	2322046	3.74	4.32	14.4%	2322060	2.5	1.9	27.3%	2322071	2.5	2.3	8.3%	2322086	316	318	0.6%
Be	2322046	< 5	< 5	0.0%	2322060	< 5	< 5	0.0%	2322071	< 5	< 5	0.0%	2322086	< 5	< 5	0.0%
Bi	2322046	0.2	0.3		2322060	0.3	0.3	0.0%	2322071	0.38	0.45	16.9%	2322086	0.79	0.88	10.8%
Ca	2322046	4.85	4.55	6.4%	2322060	6.12	6.17	0.8%	2322071	4.12	4.15	0.7%	2322086	2.20	2.21	0.5%
Cd	2322046	< 0.2	0.2		2322060	< 0.2	< 0.2	0.0%	2322071	< 0.2	< 0.2	0.0%	2322086	1.6	2.1	27.0%
Ce	2322046	1.46	1.55	6.0%	2322060	2.1	2.3	9.1%	2322071	4.2	3.8	10.0%	2322086	50.0	48.9	2.2%
Co	2322046	103	99.7	3.3%	2322060	90.4	92.5	2.3%	2322071	98.6	96.6	2.0%	2322086	30.9	30.3	2.0%
Cr	2322046	0.244	0.243	0.4%	2322060	0.203	0.207	2.0%	2322071	0.206	0.209	1.4%	2322086	0.026	0.026	0.0%
Cs	2322046	0.68	0.76	11.1%	2322060	0.6	0.5	18.2%	2322071	0.76	0.58	26.9%	2322086	0.3	0.3	0.0%
Cu	2322046	63	64	1.6%	2322060	44	43	2.3%	2322071	39	31	22.9%	2322086	393	396	0.8%
Dy	2322046	1.33	1.51	12.7%	2322060	1.41	1.31	7.4%	2322071	1.53	1.22	22.5%	2322086	2.40	2.67	10.7%
Er	2322046	0.845	0.804	5.0%	2322060	1.10	0.815	29.8%	2322071	0.74	0.73	1.4%	2322086	1.30	1.28	1.6%
Eu	2322046	0.29	0.20	36.7%	2322060	0.312	0.397	24.0%	2322071	< 0.05	< 0.05	0.0%	2322086	0.89	0.81	9.4%
Fe	2322046	8.60	8.05	6.6%	2322060	7.01	7.06	0.7%	2322071	7.30	7.39	1.2%	2322086	2.96	2.92	1.4%
Ga	2322046	8.06	7.84	2.8%	2322060	6.84	6.66	2.7%	2322071	6.63	6.93	4.4%	2322086	22.2	23.1	4.0%
Gd	2322046	1.16	1.15	0.9%	2322060	1.18	1.20	1.7%	2322071	1.08	1.07	0.9%	2322086	3.27	3.32	1.5%
Ge	2322046	1	2		2322060	2	1		2322071	2	2	0.0%	2322086	2	2	0.0%
Hf	2322046	< 1	< 1	0.0%	2322060	< 1	< 1	0.0%	2322071	< 1	< 1	0.0%	2322086	3	4	28.6%
Ho	2322046	0.305	0.305	0.0%	2322060	0.40	0.36	10.5%	2322071	0.273	0.299	9.1%	2322086	0.53	0.51	3.8%
In	2322046	< 0.2	< 0.2	0.0%	2322060	< 0.2	< 0.2	0.0%	2322071	< 0.2	< 0.2	0.0%	2322086	0.3	0.3	0.0%
K	2322046	< 0.05	< 0.05	0.0%	2322060	< 0.05	< 0.05	0.0%	2322071	< 0.05	< 0.05	0.0%	2322086	0.388	0.382	1.6%
La	2322046	0.5	0.6	18.2%	2322060	0.7	0.7	0.0%	2322071	1.8	1.5	18.2%	2322086	23.2	23.1	0.4%
Li	2322046	< 10	< 10	0.0%	2322060	< 10	< 10	0.0%	2322071	< 10	< 10	0.0%	2322086	< 10	< 10	0.0%
Lu	2322046	0.14	0.16	13.3%	2322060	0.20	0.12		2322071	0.130	0.121	7.2%	2322086	0.237	0.195	19.4%
Mg	2322046	13.5	14.5	7.1%	2322060	14.4	14.6	1.4%	2322071	15.5	15.9	2.5%	2322086	0.66	0.67	1.5%
Mn	2322046	1230	1080	13.0%	2322060	1220	1220	0.0%	2322071	1280	1270	0.8%	2322086	402	403	0.2%
Mo	2322046	< 2	< 2	0.0%	2322060	< 2	< 2	0.0%	2322071	< 2	< 2	0.0%	2322086	3	3	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2322046	< 1	< 1	0.0%	2322060	< 1	< 1	0.0%	2322071	< 1	< 1	0.0%	2322086	5	5	0.0%
Nd	2322046	1.61	1.69	4.8%	2322060	2.0	2.1	4.9%	2322071	3.1	3.1	0.0%	2322086	23.9	22.3	6.9%
Ni	2322046	988	1010	2.2%	2322060	1030	1050	1.9%	2322071	1190	1190	0.0%	2322086	92	92	0.0%
P	2322046	< 0.01	< 0.01	0.0%	2322060	< 0.01	< 0.01	0.0%	2322071	< 0.01	< 0.01	0.0%	2322086	0.04	0.04	0.0%
Pb	2322046	< 5	< 5	0.0%	2322060	< 5	< 5	0.0%	2322071	< 5	< 5	0.0%	2322086	62	62	0.0%
Pr	2322046	0.23	0.26	12.2%	2322060	0.35	0.38	8.2%	2322071	0.60	0.55	8.7%	2322086	6.18	5.89	4.8%
Rb	2322046	1.3	0.9		2322060	< 0.2	0.3		2322071	0.8	0.8	0.0%	2322086	11.8	11.4	3.4%
S	2322046	0.14	0.14	0.0%	2322060	0.102	0.106	3.8%	2322071	0.199	0.193	3.1%	2322086	1.41	1.38	2.2%
Sb	2322046	< 0.1	< 0.1	0.0%	2322060	< 0.1	< 0.1	0.0%	2322071	< 0.1	< 0.1	0.0%	2322086	< 0.1	< 0.1	0.0%
Sc	2322046	26	27	3.8%	2322060	22	23	4.4%	2322071	22	22	0.0%	2322086	13	13	0.0%
Si	2322046	21.5	20.1	6.7%	2322060	19.4	19.7	1.5%	2322071	21.6	21.8	0.9%	2322086	30.8	30.6	0.7%
Sm	2322046	0.9	0.8	11.8%	2322060	0.90	0.82	9.3%	2322071	1.16	0.89	26.3%	2322086	4.4	4.1	7.1%
Sn	2322046	< 1	< 1	0.0%	2322060	< 1	< 1	0.0%	2322071	< 1	< 1	0.0%	2322086	11	11	0.0%
Sr	2322046	59.1	55.1	7.0%	2322060	124	124	0.0%	2322071	75.7	77.0	1.7%	2322086	107	107	0.0%
Ta	2322046	< 0.5	< 0.5	0.0%	2322060	< 0.5	< 0.5	0.0%	2322071	< 0.5	< 0.5	0.0%	2322086	0.5	0.5	0.0%
Tb	2322046	0.206	0.198	4.0%	2322060	0.20	0.20	0.0%	2322071	0.17	0.17	0.0%	2322086	0.427	0.422	1.2%
Th	2322046	0.1	< 0.1		2322060	< 0.1	< 0.1	0.0%	2322071	0.27	0.23	16.0%	2322086	6.73	7.12	5.6%
Ti	2322046	0.23	0.22	4.4%	2322060	0.17	0.17	0.0%	2322071	0.17	0.17	0.0%	2322086	0.29	0.29	0.0%
Tl	2322046	< 0.5	< 0.5	0.0%	2322060	< 0.5	< 0.5	0.0%	2322071	< 0.5	< 0.5	0.0%	2322086	< 0.5	< 0.5	0.0%
Tm	2322046	0.13	0.13	0.0%	2322060	0.14	0.15	6.9%	2322071	0.12	0.12	0.0%	2322086	0.217	0.182	17.5%
U	2322046	< 0.05	< 0.05	0.0%	2322060	< 0.05	< 0.05	0.0%	2322071	0.052	0.060	14.3%	2322086	1.99	2.05	3.0%
V	2322046	161	162	0.6%	2322060	131	133	1.5%	2322071	118	121	2.5%	2322086	84	87	3.5%
W	2322046	< 1	< 1	0.0%	2322060	< 1	< 1	0.0%	2322071	< 1	< 1	0.0%	2322086	< 1	< 1	0.0%
Y	2322046	10.1	9.2	9.3%	2322060	9.86	9.08	8.2%	2322071	8.7	7.7	12.2%	2322086	11.3	13.2	15.5%
Yb	2322046	0.7	0.8	13.3%	2322060	0.81	0.89	9.4%	2322071	0.9	0.7	25.0%	2322086	1.3	1.4	7.4%
Zn	2322046	61	54	12.2%	2322060	50	46	8.3%	2322071	51	53	3.8%	2322086	958	975	1.8%
Zr	2322046	19.2	22.6	16.3%	2322060	16.3	19.7	18.9%	2322071	13.5	15.5	13.8%	2322086	131	134	2.3%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O731075

PROJECT: 2021 Surimeau DDH Batch 17

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.2	97%	90% - 110%					6.94	6.92	100%	90% - 110%	13.0	12.7	98%	90% - 110%
As	26	27	102%	90% - 110%												
Ba	540	485	90%	90% - 110%									1310	1272	97%	90% - 110%
Be	4.0	3.4	86%	90% - 110%												
Ca	0.907	0.829	91%	90% - 110%					4.01	3.88	97%	90% - 110%	1.42	1.33	94%	90% - 110%
Ce	98	96	98%	90% - 110%	58.2	62	106%	90% - 110%								
Co	15	16	105%	90% - 110%												
Cu	150	155	103%	90% - 110%												
Er	3.7	4.2	112%	90% - 110%												
Fe	3.77	3.77	100%	90% - 110%					7.56	7.63	101%	90% - 110%	3.27	3.2	98%	90% - 110%
Ga					22.6	23.3	103%	90% - 110%								
Hf	11	10	94%	90% - 110%												
K	2.55	2.57	101%	90% - 110%					2.02	2.1	104%	90% - 110%	3.68	3.81	104%	90% - 110%
La	44	43	98%	90% - 110%	27.5	29.4	107%	90% - 110%								
Li	47	50	107%	90% - 110%									65.0	71.4	110%	90% - 110%
Lu	0.6	0.5	87%	90% - 110%												
Mg	1.1	1	94%	90% - 110%					2.41	2.38	99%	90% - 110%				
Mn	780	758	97%	90% - 110%												
Mo	14	14	99%	90% - 110%												
Nb	20	20	98%	90% - 110%	22.6	22.4	99%	90% - 110%								
Nd					27.3	29.4	108%	90% - 110%								
Ni	32	32	100%	90% - 110%												
Pb	31	30	97%	90% - 110%												
Rb	144	146	102%	90% - 110%	85.4	84.7	99%	90% - 110%								
Sb	0.8	0.8	106%	90% - 110%												
Sc	12	12	104%	90% - 110%												
Si	28.4	28.7	101%	90% - 110%					23.65	24.22	102%	90% - 110%	24.4	24.9	102%	90% - 110%
Sm	7.4	7.9	107%	90% - 110%												
Sr	144	151	105%	90% - 110%									310	315	102%	90% - 110%
Ta	1.9	2.4	128%	90% - 110%												
Tb	1.2	1.1	96%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Th	18.4	17.2	94%	90% - 110%												
Ti	0.527	0.509	97%	90% - 110%									0.222	0.209	94%	90% - 110%
U	5.7	5.3	92%	90% - 110%												
V	77	76	98%	90% - 110%												
W	5	5	106%	90% - 110%												
Y	40	39	98%	90% - 110%	25.3	24.5	97%	90% - 110%								
Yb					2.66	2.8	105%	90% - 110%								
Zn	130	117	90%	90% - 110%									75.4	73.9	98%	90% - 110%
Zr	390	383	98%	90% - 110%	157	153	98%	90% - 110%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O731075

PROJECT: 2021 Surimeau DDH Batch 17

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC
AGAT WORK ORDER: 21O731075
PROJECT: 2021 Surimeau DDH Batch 17
ATTENTION TO: Francis Newton
SAMPLING SITE:
SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O731075

PROJECT: 2021 Surimeau DDH Batch 17

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 18

AGAT WORK ORDER: 21O731080

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Sep 20, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731080

PROJECT: 2021 Surimeau DDH Batch 18

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 20, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
46351 (2322103)	4.33
46352 (2322104)	1.07
46353 (2322105)	4.55
46354 (2322106)	3.57
46355 (2322107)	4.29
46356 (2322108)	3.96
46357 (2322109)	4.51
46358 (2322110)	4.62
46359 (2322111)	4.01
46360 (2322112)	4.21
46361 (2322113)	3.93
46362 C-DUP (2322114)	-
46363 (2322115)	2.59
46364 (2322116)	2.33
46365 (2322117)	2.09
46366 (2322118)	4.06
46367 (2322119)	3.17
46368 (2322120)	4.47
46369 (2322121)	3.02
46370 (2322122)	2.90
46371 (2322123)	4.56
46372 (2322124)	0.81
46373 (2322125)	4.44
46374 (2322126)	4.36
46375 (2322127)	4.56
46376 (2322128)	4.36
46377 (2322129)	4.33
46378 (2322130)	4.07
46379 (2322131)	4.67
46380 (2322132)	4.41
46381 (2322133)	4.41

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731080

PROJECT: 2021 Surimeau DDH Batch 18

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 20, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
46382 (2322134)	4.23
46383 (2322135)	4.17
46384 (2322136)	4.14
46385 (2322137)	4.10
46386 (2322138)	4.33
46387 (2322139)	3.73
46388 (2322140)	4.18
46389 (2322141)	4.21
46390 (2322142)	3.96
46391 (2322143)	2.22
46392 (2322144)	2.06
46393 (2322145)	4.45
46394 (2322146)	4.62
46395 C-DUP (2322147)	-
46396 (2322148)	4.18
46397 (2322149)	4.35
46398 (2322150)	4.39
46399 (2322151)	4.98
46400 (2322152)	3.04

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731080

PROJECT: 2021 Surimeau DDH Batch 18

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 20, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
46351 (2322103)	<1	3.20	<5	<20	<0.5	<5	0.3	4.78	0.3	1.2	97.1	0.232	0.3	35
46352 (2322104)	<1	0.09	<5	<20	30.5	<5	<0.1	37.5	<0.2	1.0	0.9	<0.005	0.1	<5
46353 (2322105)	<1	3.63	<5	<20	<0.5	<5	0.3	5.08	<0.2	1.6	97.8	0.241	0.4	59
46354 (2322106)	<1	3.38	<5	<20	<0.5	<5	0.3	5.48	<0.2	1.8	95.7	0.236	0.3	46
46355 (2322107)	<1	3.02	<5	<20	<0.5	<5	0.3	5.65	<0.2	1.7	86.1	0.211	0.4	18
46356 (2322108)	<1	2.48	5	<20	<0.5	<5	0.3	9.72	<0.2	3.2	81.9	0.191	0.2	32
46357 (2322109)	<1	3.83	<5	<20	<0.5	<5	0.6	4.57	<0.2	1.4	111	0.277	0.5	37
46358 (2322110)	<1	3.24	<5	<20	<0.5	<5	0.4	7.69	0.2	5.9	84.9	0.200	0.4	20
46359 (2322111)	<1	3.39	<5	<20	<0.5	<5	0.5	4.55	<0.2	1.4	103	0.252	0.4	30
46360 (2322112)	<1	3.63	<5	<20	<0.5	<5	0.5	4.29	0.3	1.4	103	0.255	0.4	29
46361 (2322113)	<1	3.30	<5	<20	<0.5	<5	0.3	6.67	0.2	2.2	93.7	0.238	0.3	39
46362 C-DUP (2322114)	<1	3.23	<5	<20	<0.5	<5	0.4	6.44	<0.2	2.2	94.4	0.234	0.5	36
46363 (2322115)	<1	4.94	<5	<20	367	<5	0.7	18.6	<0.2	4.6	93.1	0.306	0.5	23
46364 (2322116)	<1	4.17	<5	<20	122	<5	1.0	15.0	<0.2	6.4	104	0.274	0.3	82
46365 (2322117)	<1	4.43	<5	<20	127	<5	0.5	16.1	<0.2	3.8	113	0.325	0.1	58
46366 (2322118)	<1	4.30	<5	<20	68.7	<5	0.3	15.6	<0.2	3.1	126	0.318	0.1	57
46367 (2322119)	<1	3.01	<5	<20	257	<5	0.3	18.9	<0.2	2.2	69.5	0.210	6.3	27
46368 (2322120)	<1	3.42	<5	<20	122	<5	0.3	8.38	<0.2	1.5	92.0	0.237	5.2	48
46369 (2322121)	<1	3.49	<5	<20	126	<5	0.4	6.23	0.3	1.5	96.6	0.251	4.9	27
46370 (2322122)	<1	3.13	<5	<20	360	<5	0.3	6.86	<0.2	1.6	88.4	0.218	13.5	<5
46371 (2322123)	<1	3.48	<5	<20	133	<5	0.4	6.93	0.2	2.0	98.0	0.252	5.4	80
46372 (2322124)	<1	0.23	<5	<20	28.9	<5	<0.1	35.0	<0.2	0.9	2.9	0.011	0.6	<5
46373 (2322125)	<1	2.66	<5	<20	<0.5	<5	0.6	3.55	0.2	1.2	102	0.220	0.5	<5
46374 (2322126)	<1	3.14	<5	<20	<0.5	<5	0.5	5.10	<0.2	1.5	93.6	0.218	0.5	25
46375 (2322127)	<1	2.87	<5	<20	8.6	<5	0.3	9.74	0.2	2.6	88.5	0.214	0.4	48
46376 (2322128)	<1	3.10	<5	<20	<0.5	<5	0.2	6.06	0.4	2.1	88.3	0.211	0.3	18
46377 (2322129)	<1	3.19	<5	<20	<0.5	<5	0.2	5.60	<0.2	1.8	91.7	0.242	0.5	38
46378 (2322130)	<1	3.16	<5	<20	<0.5	<5	0.2	6.94	<0.2	2.2	84.3	0.220	0.5	43
46379 (2322131)	<1	3.25	<5	<20	<0.5	<5	0.2	5.15	<0.2	1.5	87.9	0.233	0.4	22
46380 (2322132)	<1	3.21	<5	<20	8.9	<5	0.1	8.31	<0.2	1.6	88.5	0.225	0.3	36
46381 (2322133)	<1	4.72	<5	<20	184	<5	<0.1	13.9	0.3	3.2	116	0.308	0.2	81
46382 (2322134)	<1	2.57	<5	<20	0.7	<5	0.2	11.2	<0.2	1.5	86.7	0.196	0.4	44

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731080

PROJECT: 2021 Surimeau DDH Batch 18

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 20, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
46383 (2322135)	<1	4.47	<5	<20	108	<5	0.3	8.98	<0.2	3.0	114	0.303	1.6	29
46384 (2322136)	<1	5.28	<5	<20	70.5	<5	0.2	13.2	0.3	4.6	106	0.345	0.2	23
46385 (2322137)	<1	4.07	<5	<20	31.6	<5	0.5	8.25	<0.2	2.6	120	0.295	0.4	60
46386 (2322138)	<1	2.33	<5	<20	<0.5	<5	0.5	5.33	<0.2	1.2	95.4	0.190	0.3	6
46387 (2322139)	<1	3.32	<5	<20	<0.5	<5	0.3	3.15	<0.2	1.4	109	0.229	0.5	7
46388 (2322140)	1	3.45	<5	<20	<0.5	<5	0.4	3.69	<0.2	1.5	105	0.237	0.3	8
46389 (2322141)	<1	2.32	<5	<20	<0.5	<5	0.7	7.42	0.2	1.8	93.6	0.183	0.3	33
46390 (2322142)	<1	2.60	<5	<20	<0.5	<5	0.2	5.65	<0.2	1.2	83.1	0.200	0.2	22
46391 (2322143)	<1	4.22	<5	<20	0.9	<5	0.1	6.78	<0.2	2.4	88.0	0.246	0.2	81
46392 (2322144)	2	4.23	<5	<20	<0.5	<5	0.1	6.83	0.3	2.5	91.3	0.245	0.2	73
46393 (2322145)	<1	2.95	<5	<20	<0.5	<5	0.2	7.06	0.2	1.4	90.3	0.197	0.3	28
46394 (2322146)	<1	3.79	<5	<20	6.7	<5	0.4	7.33	<0.2	3.7	114	0.251	0.4	25
46395 C-DUP (2322147)	<1	3.87	<5	<20	7.0	<5	0.4	7.45	<0.2	3.6	116	0.254	0.3	23
46396 (2322148)	<1	2.73	<5	<20	2.2	<5	0.3	7.04	<0.2	1.4	94.2	0.193	0.1	37
46397 (2322149)	<1	3.64	<5	<20	82.0	<5	0.2	8.63	<0.2	1.8	105	0.241	0.5	<5
46398 (2322150)	<1	4.00	<5	<20	17.9	<5	0.3	6.21	<0.2	2.1	109	0.265	0.3	36
46399 (2322151)	<1	2.66	<5	<20	<0.5	<5	0.6	3.81	<0.2	1.8	97.7	0.204	0.1	13
46400 (2322152)	<1	2.42	<5	<20	<0.5	<5	0.5	3.26	0.3	1.7	92.2	0.189	0.3	12

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731080

PROJECT: 2021 Surimeau DDH Batch 18

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 20, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
46351 (2322103)	1.19	0.82	<0.05	7.27	7.95	0.80	4	<1	0.22	<0.2	<0.05	0.4	<10	0.10
46352 (2322104)	0.27	0.19	<0.05	0.17	1.00	0.24	2	<1	<0.05	<0.2	0.06	1.4	<10	<0.05
46353 (2322105)	1.04	0.87	0.13	7.45	8.43	0.89	4	<1	0.23	<0.2	<0.05	0.6	<10	0.16
46354 (2322106)	1.29	0.98	0.15	7.80	5.44	1.06	2	<1	0.27	<0.2	<0.05	0.6	<10	0.11
46355 (2322107)	1.16	0.76	0.16	7.43	6.02	0.95	2	<1	0.26	<0.2	<0.05	0.7	<10	0.12
46356 (2322108)	2.00	1.28	0.55	6.56	6.16	1.28	2	<1	0.38	<0.2	<0.05	1.2	<10	0.12
46357 (2322109)	1.04	0.82	0.08	7.84	6.97	0.85	3	<1	0.24	<0.2	<0.05	0.4	<10	0.10
46358 (2322110)	1.55	0.86	0.47	6.86	6.35	1.61	2	<1	0.37	<0.2	<0.05	2.5	<10	0.13
46359 (2322111)	1.16	0.50	0.16	7.35	6.03	0.67	3	<1	0.21	<0.2	<0.05	0.4	<10	0.12
46360 (2322112)	0.84	0.61	0.16	7.90	6.88	0.76	2	<1	0.25	<0.2	<0.05	0.3	<10	0.08
46361 (2322113)	1.50	0.92	0.15	7.56	5.85	1.28	1	<1	0.31	<0.2	<0.05	0.7	<10	0.17
46362 C-DUP (2322114)	1.40	1.07	0.23	7.35	7.29	1.18	3	<1	0.37	<0.2	<0.05	0.9	<10	0.18
46363 (2322115)	2.69	1.93	0.56	5.90	11.1	2.05	2	<1	0.58	<0.2	0.24	2.4	11	0.28
46364 (2322116)	2.66	1.75	0.43	6.81	9.10	1.73	1	<1	0.55	<0.2	0.16	2.8	<10	0.22
46365 (2322117)	2.70	1.57	0.53	7.08	11.7	2.10	2	<1	0.56	<0.2	0.12	2.1	<10	0.33
46366 (2322118)	2.22	1.65	0.40	5.75	8.46	1.79	1	<1	0.56	<0.2	0.09	1.4	<10	0.23
46367 (2322119)	1.42	1.09	0.36	5.69	5.99	0.96	1	<1	0.29	<0.2	0.90	1.0	35	0.17
46368 (2322120)	1.40	0.93	0.17	7.44	10.1	1.07	<1	<1	0.23	<0.2	0.63	0.5	25	0.09
46369 (2322121)	0.95	0.93	0.15	7.32	9.40	1.03	3	<1	0.23	<0.2	0.57	0.4	21	0.11
46370 (2322122)	1.20	0.92	0.22	6.99	8.79	0.90	1	<1	0.24	<0.2	1.65	0.6	43	0.11
46371 (2322123)	1.24	0.76	0.19	7.35	5.33	1.04	3	<1	0.26	<0.2	0.61	0.7	19	0.14
46372 (2322124)	0.28	0.31	<0.05	0.33	0.54	0.29	1	<1	0.06	<0.2	0.09	1.1	<10	<0.05
46373 (2322125)	0.84	0.71	0.12	6.93	3.97	0.79	2	<1	0.16	<0.2	<0.05	0.5	<10	0.08
46374 (2322126)	1.15	0.73	0.14	7.22	8.83	1.15	2	<1	0.29	<0.2	<0.05	0.5	<10	0.09
46375 (2322127)	1.45	0.95	0.37	6.95	6.51	1.34	2	<1	0.29	<0.2	0.07	0.9	<10	0.14
46376 (2322128)	1.54	0.92	0.24	7.37	6.21	1.15	2	<1	0.29	<0.2	<0.05	0.7	<10	0.17
46377 (2322129)	1.45	1.01	0.16	7.54	6.18	1.03	3	<1	0.32	<0.2	<0.05	0.6	<10	0.10
46378 (2322130)	1.33	0.66	0.13	7.12	4.91	1.00	2	<1	0.29	<0.2	<0.05	0.7	<10	0.10
46379 (2322131)	1.14	0.73	0.12	7.08	4.83	1.08	2	<1	0.32	<0.2	<0.05	0.5	<10	0.10
46380 (2322132)	1.25	0.88	0.28	7.30	6.78	1.12	2	<1	0.27	<0.2	<0.05	0.5	<10	0.12
46381 (2322133)	2.16	1.68	0.47	7.25	7.39	1.63	2	<1	0.55	<0.2	0.11	1.8	<10	0.19
46382 (2322134)	1.21	0.63	0.17	6.35	6.71	1.14	3	<1	0.27	<0.2	0.05	0.4	<10	0.11

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731080

PROJECT: 2021 Surimeau DDH Batch 18

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 20, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
46383 (2322135)	1.87	1.36	0.37	7.75	10.7	1.98	3	<1	0.45	<0.2	0.29	1.0	15	0.17
46384 (2322136)	2.59	1.84	0.57	8.16	11.3	2.30	1	<1	0.65	<0.2	0.19	2.2	<10	0.32
46385 (2322137)	1.70	1.26	0.39	7.95	8.81	1.51	2	<1	0.36	<0.2	0.11	1.0	<10	0.20
46386 (2322138)	0.96	0.70	0.10	6.40	5.36	0.84	1	<1	0.22	<0.2	<0.05	0.5	<10	0.08
46387 (2322139)	0.90	0.77	<0.05	7.49	6.82	0.87	2	<1	0.23	<0.2	<0.05	0.3	<10	0.10
46388 (2322140)	1.02	0.62	<0.05	7.53	7.63	0.65	2	<1	0.17	<0.2	<0.05	0.4	<10	0.09
46389 (2322141)	1.10	0.78	0.15	6.51	5.00	0.98	2	<1	0.23	<0.2	<0.05	0.7	<10	0.13
46390 (2322142)	1.12	0.87	<0.05	6.68	5.18	0.84	2	<1	0.29	<0.2	<0.05	0.4	<10	0.08
46391 (2322143)	1.50	1.03	0.19	8.30	6.73	1.33	2	<1	0.38	<0.2	<0.05	0.7	<10	0.16
46392 (2322144)	1.50	0.97	0.21	8.27	10.3	1.13	1	<1	0.35	<0.2	<0.05	0.8	<10	0.13
46393 (2322145)	1.25	0.87	0.07	6.55	6.46	1.07	4	<1	0.23	<0.2	<0.05	0.4	<10	0.11
46394 (2322146)	1.90	0.88	0.40	7.42	9.48	1.39	1	<1	0.37	<0.2	0.07	1.4	16	0.17
46395 C-DUP (2322147)	1.68	1.03	0.45	7.53	8.66	1.28	3	<1	0.42	<0.2	0.07	1.1	16	0.13
46396 (2322148)	0.99	0.73	<0.05	6.38	7.15	0.67	2	<1	0.20	<0.2	<0.05	0.4	<10	0.10
46397 (2322149)	1.40	1.11	0.16	7.27	6.80	1.13	2	<1	0.33	<0.2	0.12	0.8	25	0.09
46398 (2322150)	1.61	1.03	0.33	7.63	8.34	1.28	3	<1	0.32	<0.2	0.10	0.8	12	0.16
46399 (2322151)	1.40	0.82	0.12	6.71	5.83	0.94	2	<1	0.25	<0.2	<0.05	0.5	<10	0.09
46400 (2322152)	0.77	0.49	<0.05	6.93	4.21	0.75	2	<1	0.18	<0.2	<0.05	0.6	<10	0.08

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731080

PROJECT: 2021 Surimeau DDH Batch 18

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 20, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
46351 (2322103)	14.7	1050	<2	<1	1.2	1260	<0.01	<5	0.28	0.9	0.27	<0.1	20	23.5
46352 (2322104)	2.40	117	<2	<1	0.9	14	<0.01	<5	0.24	1.0	0.53	0.2	<5	4.14
46353 (2322105)	14.9	1160	<2	<1	1.2	1360	<0.01	<5	0.29	2.0	0.34	<0.1	21	21.7
46354 (2322106)	15.4	1310	<2	<1	1.4	1270	<0.01	<5	0.29	1.0	0.35	0.3	21	21.1
46355 (2322107)	15.1	1310	<2	<1	1.8	1090	<0.01	<5	0.22	0.9	0.26	<0.1	21	21.9
46356 (2322108)	13.7	1580	<2	<1	2.5	1140	<0.01	<5	0.41	0.4	0.37	0.3	16	19.1
46357 (2322109)	15.7	1220	<2	<1	1.2	1600	<0.01	<5	0.27	1.1	0.34	0.2	22	20.5
46358 (2322110)	13.8	1310	<2	<1	3.8	1110	0.04	<5	0.72	0.7	0.31	<0.1	17	20.4
46359 (2322111)	15.4	1120	<2	<1	1.1	1580	<0.01	<5	0.21	0.6	0.31	<0.1	21	21.6
46360 (2322112)	15.6	1230	<2	<1	1.5	1420	<0.01	<5	0.19	0.2	0.27	<0.1	21	20.8
46361 (2322113)	14.7	1410	<2	<1	1.6	1270	<0.01	<5	0.43	0.6	0.39	<0.1	21	20.6
46362 C-DUP (2322114)	14.7	1360	<2	<1	2.4	1240	<0.01	<5	0.43	0.9	0.38	<0.1	21	20.3
46363 (2322115)	3.35	3580	<2	<1	3.3	1140	<0.01	11	0.62	5.1	0.31	<0.1	29	18.7
46364 (2322116)	4.97	3270	<2	<1	4.9	1220	<0.01	<5	0.89	2.3	0.29	<0.1	27	20.2
46365 (2322117)	3.65	3660	<2	<1	3.6	1300	<0.01	<5	0.57	0.4	0.25	<0.1	31	21.1
46366 (2322118)	3.37	2890	<2	<1	2.6	1460	<0.01	<5	0.49	0.5	0.26	<0.1	27	21.9
46367 (2322119)	6.57	2610	<2	<1	1.6	908	<0.01	7	0.34	44.1	0.36	0.3	18	15.3
46368 (2322120)	12.3	1530	<2	<1	1.7	1140	<0.01	<5	0.29	29.4	0.42	<0.1	22	21.8
46369 (2322121)	13.4	1440	<2	<1	1.7	1240	<0.01	<5	0.21	27.6	0.31	<0.1	21	23.5
46370 (2322122)	12.5	1490	<2	1	1.5	1160	<0.01	<5	0.37	79.6	0.19	<0.1	19	25.4
46371 (2322123)	13.6	1530	<2	<1	1.8	1430	<0.01	<5	0.31	25.2	0.41	0.1	22	20.4
46372 (2322124)	1.97	135	<2	<1	0.5	46	<0.01	<5	0.18	3.2	0.52	0.3	<5	4.41
46373 (2322125)	16.9	1080	<2	<1	1.2	1630	<0.01	<5	0.17	1.5	0.09	<0.1	16	22.2
46374 (2322126)	15.6	1140	<2	<1	1.4	1310	<0.01	<5	0.23	1.0	0.20	<0.1	19	21.2
46375 (2322127)	13.0	1460	<2	<1	2.5	1150	<0.01	7	0.35	2.2	0.35	0.2	19	18.5
46376 (2322128)	14.7	1320	<2	<1	1.6	1140	<0.01	<5	0.32	0.9	0.16	<0.1	19	22.0
46377 (2322129)	14.7	1280	<2	<1	2.0	1240	<0.01	<5	0.34	0.4	0.19	0.1	22	22.5
46378 (2322130)	13.7	1390	<2	<1	1.7	1150	<0.01	<5	0.35	1.0	0.21	<0.1	18	20.5
46379 (2322131)	14.3	1190	<2	<1	1.9	1230	<0.01	<5	0.24	0.5	0.15	<0.1	20	20.7
46380 (2322132)	12.7	1550	<2	<1	1.7	1190	<0.01	<5	0.27	0.9	0.25	<0.1	21	20.7
46381 (2322133)	3.26	3190	<2	<1	3.4	1470	<0.01	<5	0.62	1.0	0.28	0.2	30	22.5
46382 (2322134)	11.5	1530	<2	<1	0.9	1320	<0.01	<5	0.25	1.2	0.27	<0.1	16	20.6

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731080

PROJECT: 2021 Surimeau DDH Batch 18

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 20, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
46383 (2322135)	9.06	2280	<2	<1	2.7	1440	<0.01	<5	0.53	9.1	0.17	0.3	28	23.1
46384 (2322136)	3.95	3260	<2	<1	4.1	1170	<0.01	10	0.78	2.4	0.20	<0.1	35	21.7
46385 (2322137)	11.0	2270	<2	<1	2.2	1750	<0.01	<5	0.51	2.3	0.34	<0.1	25	21.4
46386 (2322138)	15.8	1140	<2	<1	1.1	1450	<0.01	<5	0.21	1.1	0.10	0.1	16	23.2
46387 (2322139)	17.0	1170	<2	<1	1.1	1490	<0.01	<5	0.20	0.6	0.04	0.1	21	21.6
46388 (2322140)	16.9	1180	<2	<1	1.4	1400	<0.01	<5	0.19	1.1	0.06	<0.1	22	21.5
46389 (2322141)	15.3	1240	<2	<1	1.5	1400	<0.01	<5	0.27	<0.2	0.17	<0.1	16	20.1
46390 (2322142)	15.4	1120	<2	<1	1.4	1250	<0.01	<5	0.24	0.2	0.14	<0.1	19	25.4
46391 (2322143)	13.7	1650	<2	<1	1.9	865	<0.01	<5	0.37	0.2	0.35	0.2	27	21.1
46392 (2322144)	13.4	1650	<2	<1	1.9	854	<0.01	<5	0.35	0.6	0.37	<0.1	27	20.7
46393 (2322145)	13.4	1390	<2	<1	1.4	1210	<0.01	<5	0.22	0.6	0.22	0.1	19	24.0
46394 (2322146)	11.6	1800	<2	<1	3.2	1460	<0.01	<5	0.55	2.0	0.22	<0.1	25	22.2
46395 C-DUP (2322147)	11.7	1840	<2	<1	2.7	1430	<0.01	<5	0.56	2.0	0.22	<0.1	25	22.7
46396 (2322148)	13.3	1490	<2	<1	1.1	1370	<0.01	<5	0.18	1.3	0.18	<0.1	17	24.7
46397 (2322149)	10.9	1940	<2	<1	1.6	1350	<0.01	<5	0.34	3.1	0.12	<0.1	23	23.6
46398 (2322150)	12.7	1860	<2	<1	2.2	1440	<0.01	<5	0.35	1.2	0.25	<0.1	26	23.2
46399 (2322151)	16.4	1110	<2	<1	1.3	1460	<0.01	<5	0.21	1.0	0.12	<0.1	18	20.4
46400 (2322152)	17.0	1110	<2	<1	1.3	1400	<0.01	<5	0.21	<0.2	0.10	<0.1	17	20.8

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731080

PROJECT: 2021 Surimeau DDH Batch 18

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 20, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
46351 (2322103)	0.4	<1	10.7	<0.5	0.14	<0.1	0.19	<0.5	0.13	0.05	124	<1	7.1	0.7
46352 (2322104)	<0.1	2	79.2	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.09	<5	<1	2.3	0.1
46353 (2322105)	1.0	<1	33.0	<0.5	0.13	<0.1	0.19	<0.5	0.10	<0.05	135	<1	7.0	0.8
46354 (2322106)	0.5	<1	57.5	<0.5	0.20	<0.1	0.19	<0.5	0.15	<0.05	134	<1	7.3	0.8
46355 (2322107)	0.6	<1	55.4	<0.5	0.21	<0.1	0.17	<0.5	0.16	<0.05	124	<1	7.5	0.9
46356 (2322108)	1.0	<1	152	<0.5	0.24	<0.1	0.14	<0.5	0.20	<0.05	113	<1	10.9	1.1
46357 (2322109)	0.6	<1	50.1	<0.5	0.16	<0.1	0.21	<0.5	0.11	<0.05	154	<1	5.7	0.7
46358 (2322110)	1.2	<1	133	<0.5	0.25	0.2	0.21	<0.5	0.16	0.06	133	<1	9.5	0.9
46359 (2322111)	0.8	<1	33.7	<0.5	0.14	<0.1	0.19	<0.5	0.10	<0.05	138	<1	4.6	0.6
46360 (2322112)	0.5	<1	44.6	<0.5	0.16	<0.1	0.21	<0.5	0.10	<0.05	143	<1	6.0	0.6
46361 (2322113)	0.9	1	103	<0.5	0.23	<0.1	0.19	<0.5	0.15	<0.05	140	<1	9.9	1.0
46362 C-DUP (2322114)	0.4	<1	97.3	<0.5	0.25	<0.1	0.19	<0.5	0.16	<0.05	141	<1	9.5	1.1
46363 (2322115)	1.3	<1	595	<0.5	0.39	<0.1	0.25	<0.5	0.25	0.08	180	<1	19.8	1.8
46364 (2322116)	1.2	<1	344	<0.5	0.34	0.2	0.24	<0.5	0.27	0.11	185	<1	17.7	1.9
46365 (2322117)	1.0	<1	365	<0.5	0.39	<0.1	0.27	<0.5	0.27	<0.05	213	<1	18.4	1.6
46366 (2322118)	1.1	<1	371	<0.5	0.33	<0.1	0.23	<0.5	0.24	<0.05	175	<1	15.4	1.4
46367 (2322119)	0.6	<1	517	<0.5	0.20	<0.1	0.16	0.6	0.10	<0.05	122	<1	8.6	0.9
46368 (2322120)	0.6	1	146	<0.5	0.23	<0.1	0.19	<0.5	0.09	0.09	138	<1	7.6	0.8
46369 (2322121)	0.6	<1	43.5	<0.5	0.19	<0.1	0.19	<0.5	0.11	0.11	142	<1	5.9	0.8
46370 (2322122)	0.8	1	51.3	<0.5	0.21	<0.1	0.17	1.2	0.13	0.10	159	<1	6.9	0.8
46371 (2322123)	0.9	<1	174	<0.5	0.22	<0.1	0.19	<0.5	0.10	0.06	140	<1	6.5	0.8
46372 (2322124)	0.2	<1	81.3	<0.5	0.06	<0.1	<0.01	<0.5	<0.05	0.12	5	<1	2.5	0.2
46373 (2322125)	0.4	<1	114	<0.5	0.15	<0.1	0.15	<0.5	0.11	<0.05	112	<1	5.3	0.5
46374 (2322126)	0.5	<1	123	<0.5	0.15	<0.1	0.17	<0.5	0.11	<0.05	125	<1	5.8	0.8
46375 (2322127)	0.7	<1	214	<0.5	0.24	<0.1	0.17	<0.5	0.14	<0.05	127	<1	7.4	0.9
46376 (2322128)	0.7	<1	88.2	<0.5	0.21	<0.1	0.18	<0.5	0.12	<0.05	132	<1	7.6	0.8
46377 (2322129)	0.8	<1	66.5	<0.5	0.19	<0.1	0.19	<0.5	0.13	<0.05	142	<1	8.4	0.9
46378 (2322130)	0.5	<1	93.3	<0.5	0.18	<0.1	0.18	<0.5	0.15	<0.05	128	<1	6.7	0.7
46379 (2322131)	0.6	<1	66.8	<0.5	0.19	<0.1	0.19	<0.5	0.16	<0.05	135	<1	7.2	0.8
46380 (2322132)	0.5	<1	104	<0.5	0.21	<0.1	0.18	<0.5	0.17	<0.05	139	<1	7.3	0.8
46381 (2322133)	1.3	<1	203	<0.5	0.33	<0.1	0.26	<0.5	0.26	<0.05	187	<1	15.4	1.6
46382 (2322134)	0.3	<1	163	<0.5	0.19	<0.1	0.14	<0.5	0.08	<0.05	107	<1	5.6	0.6

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731080

PROJECT: 2021 Surimeau DDH Batch 18

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 20, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
46383 (2322135)	0.9	<1	84.5	<0.5	0.25	<0.1	0.24	<0.5	0.21	<0.05	193	<1	11.3	1.2
46384 (2322136)	1.1	<1	180	<0.5	0.43	<0.1	0.31	<0.5	0.27	0.08	234	<1	17.1	2.0
46385 (2322137)	0.9	<1	122	<0.5	0.25	<0.1	0.23	<0.5	0.19	<0.05	164	<1	10.3	1.2
46386 (2322138)	0.5	<1	59.4	<0.5	0.16	<0.1	0.13	<0.5	0.08	<0.05	98	<1	5.2	0.6
46387 (2322139)	0.3	<1	53.4	<0.5	0.14	<0.1	0.17	<0.5	0.11	<0.05	139	<1	5.3	0.6
46388 (2322140)	0.7	<1	67.7	<0.5	0.16	<0.1	0.19	<0.5	0.08	<0.05	143	<1	4.7	0.6
46389 (2322141)	0.3	<1	134	<0.5	0.15	<0.1	0.13	<0.5	0.10	<0.05	98	<1	6.3	0.6
46390 (2322142)	0.5	<1	26.0	<0.5	0.14	<0.1	0.15	<0.5	0.13	<0.05	112	<1	7.1	0.8
46391 (2322143)	0.9	<1	49.3	<0.5	0.16	<0.1	0.23	<0.5	0.15	<0.05	173	<1	8.2	1.0
46392 (2322144)	0.9	<1	52.5	<0.5	0.27	<0.1	0.23	<0.5	0.18	<0.05	171	<1	9.9	1.1
46393 (2322145)	0.5	<1	20.5	<0.5	0.15	<0.1	0.15	<0.5	0.14	<0.05	119	<1	6.6	0.8
46394 (2322146)	1.1	<1	43.8	<0.5	0.21	0.1	0.21	<0.5	0.15	<0.05	155	<1	8.7	1.0
46395 C-DUP (2322147)	1.0	1	43.8	<0.5	0.27	0.1	0.21	<0.5	0.17	<0.05	159	<1	8.9	0.9
46396 (2322148)	0.5	1	18.5	<0.5	0.11	<0.1	0.13	<0.5	0.10	<0.05	104	<1	5.4	0.7
46397 (2322149)	0.5	<1	95.3	<0.5	0.23	<0.1	0.18	<0.5	0.14	<0.05	145	<1	8.4	0.9
46398 (2322150)	0.9	1	37.2	<0.5	0.20	<0.1	0.21	<0.5	0.11	<0.05	169	<1	8.4	1.1
46399 (2322151)	0.6	<1	136	<0.5	0.17	<0.1	0.14	<0.5	0.09	<0.05	108	<1	5.7	0.7
46400 (2322152)	0.6	<1	135	<0.5	0.16	<0.1	0.13	<0.5	0.08	0.09	101	<1	5.3	0.7

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731080

PROJECT: 2021 Surimeau DDH Batch 18

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 20, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
46351 (2322103)	47	20.3
46352 (2322104)	<5	4.8
46353 (2322105)	47	17.1
46354 (2322106)	51	17.3
46355 (2322107)	58	15.3
46356 (2322108)	41	10.6
46357 (2322109)	51	19.0
46358 (2322110)	45	19.8
46359 (2322111)	51	16.4
46360 (2322112)	61	16.1
46361 (2322113)	51	14.5
46362 C-DUP (2322114)	45	15.2
46363 (2322115)	53	22.7
46364 (2322116)	59	24.7
46365 (2322117)	67	21.8
46366 (2322118)	54	19.2
46367 (2322119)	39	13.7
46368 (2322120)	58	19.3
46369 (2322121)	71	17.5
46370 (2322122)	63	17.6
46371 (2322123)	58	16.3
46372 (2322124)	<5	5.4
46373 (2322125)	52	14.2
46374 (2322126)	50	13.4
46375 (2322127)	49	20.2
46376 (2322128)	51	15.7
46377 (2322129)	49	15.8
46378 (2322130)	47	13.2
46379 (2322131)	49	12.5
46380 (2322132)	50	12.5
46381 (2322133)	68	22.0
46382 (2322134)	38	14.1

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731080

PROJECT: 2021 Surimeau DDH Batch 18

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 20, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
46383 (2322135)	63	18.3
46384 (2322136)	75	24.0
46385 (2322137)	65	21.4
46386 (2322138)	44	13.0
46387 (2322139)	56	16.7
46388 (2322140)	53	16.2
46389 (2322141)	37	12.2
46390 (2322142)	48	11.6
46391 (2322143)	55	19.6
46392 (2322144)	65	19.9
46393 (2322145)	53	14.2
46394 (2322146)	61	16.8
46395 C-DUP (2322147)	63	19.0
46396 (2322148)	53	12.7
46397 (2322149)	57	15.4
46398 (2322150)	71	18.2
46399 (2322151)	42	13.7
46400 (2322152)	49	12.3

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731080

PROJECT: 2021 Surimeau DDH Batch 18

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 20, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
46351 (2322103)	89.85
46370 (2322122)	85.33
46390 (2322142)	85.08

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731080

PROJECT: 2021 Surimeau DDH Batch 18

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 20, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
46351 (2322103)	85.71
46369 (2322121)	85.12

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2322103	< 1	< 1	0.0%	2322117	< 1	< 1	0.0%	2322128	< 1	< 1	0.0%	2322143	< 1	< 1	0.0%
Al	2322103	3.20	3.23	0.9%	2322117	4.43	4.36	1.6%	2322128	3.10	3.04	2.0%	2322143	4.22	4.26	0.9%
As	2322103	< 5	< 5	0.0%	2322117	< 5	< 5	0.0%	2322128	< 5	< 5	0.0%	2322143	< 5	< 5	0.0%
B	2322103	< 20	< 20	0.0%	2322117	< 20	< 20	0.0%	2322128	< 20	< 20	0.0%	2322143	< 20	< 20	0.0%
Ba	2322103	< 0.5	< 0.5	0.0%	2322117	127	123	3.2%	2322128	< 0.5	< 0.5	0.0%	2322143	0.9	< 0.5	
Be	2322103	< 5	< 5	0.0%	2322117	< 5	< 5	0.0%	2322128	< 5	< 5	0.0%	2322143	< 5	< 5	0.0%
Bi	2322103	0.3	0.3	0.0%	2322117	0.5	0.3		2322128	0.2	0.1		2322143	0.1	0.2	
Ca	2322103	4.78	4.86	1.7%	2322117	16.1	15.9	1.3%	2322128	6.06	6.03	0.5%	2322143	6.78	6.81	0.4%
Cd	2322103	0.3	< 0.2		2322117	< 0.2	< 0.2	0.0%	2322128	0.4	< 0.2		2322143	< 0.2	< 0.2	0.0%
Ce	2322103	1.22	1.42	15.2%	2322117	3.8	4.0	5.1%	2322128	2.11	2.01	4.9%	2322143	2.38	2.23	6.5%
Co	2322103	97.1	96.9	0.2%	2322117	113	117	3.5%	2322128	88.3	86.5	2.1%	2322143	88.0	91.9	4.3%
Cr	2322103	0.232	0.236	1.7%	2322117	0.325	0.313	3.8%	2322128	0.211	0.207	1.9%	2322143	0.246	0.249	1.2%
Cs	2322103	0.3	0.4	28.6%	2322117	0.1	< 0.1		2322128	0.3	0.5		2322143	0.2	0.3	
Cu	2322103	35	36	2.8%	2322117	58	61	5.0%	2322128	18	13		2322143	81	79	2.5%
Dy	2322103	1.19	1.15	3.4%	2322117	2.70	2.44	10.1%	2322128	1.54	1.64	6.3%	2322143	1.50	1.35	10.5%
Er	2322103	0.82	0.88	7.1%	2322117	1.57	1.95	21.6%	2322128	0.922	1.12	19.4%	2322143	1.03	0.98	5.0%
Eu	2322103	< 0.05	0.06		2322117	0.53	0.46	14.1%	2322128	0.24	0.11		2322143	0.19	0.12	
Fe	2322103	7.27	7.37	1.4%	2322117	7.08	7.04	0.6%	2322128	7.37	7.22	2.1%	2322143	8.30	8.40	1.2%
Ga	2322103	7.95	9.79	20.7%	2322117	11.7	9.50	20.8%	2322128	6.21	8.31	28.9%	2322143	6.73	7.66	12.9%
Gd	2322103	0.80	0.94	16.1%	2322117	2.10	2.17	3.3%	2322128	1.15	1.12	2.6%	2322143	1.33	1.13	16.3%
Ge	2322103	4	3	28.6%	2322117	2	< 1		2322128	2	1		2322143	2	2	0.0%
Hf	2322103	< 1	< 1	0.0%	2322117	< 1	< 1	0.0%	2322128	< 1	< 1	0.0%	2322143	< 1	< 1	0.0%
Ho	2322103	0.22	0.26	16.7%	2322117	0.56	0.58	3.5%	2322128	0.29	0.40		2322143	0.379	0.324	15.6%
In	2322103	< 0.2	< 0.2	0.0%	2322117	< 0.2	< 0.2	0.0%	2322128	< 0.2	< 0.2	0.0%	2322143	< 0.2	< 0.2	0.0%
K	2322103	< 0.05	< 0.05	0.0%	2322117	0.117	0.109	7.1%	2322128	< 0.05	< 0.05	0.0%	2322143	< 0.05	< 0.05	0.0%
La	2322103	0.4	0.4	0.0%	2322117	2.05	1.84	10.8%	2322128	0.7	0.7	0.0%	2322143	0.7	0.7	0.0%
Li	2322103	< 10	< 10	0.0%	2322117	< 10	< 10	0.0%	2322128	< 10	< 10	0.0%	2322143	< 10	< 10	0.0%
Lu	2322103	0.10	0.11	9.5%	2322117	0.33	0.26	23.7%	2322128	0.166	0.129	25.1%	2322143	0.16	0.16	0.0%
Mg	2322103	14.7	14.9	1.4%	2322117	3.65	3.52	3.6%	2322128	14.7	14.8	0.7%	2322143	13.7	13.7	0.0%
Mn	2322103	1050	1060	0.9%	2322117	3660	3620	1.1%	2322128	1320	1300	1.5%	2322143	1650	1660	0.6%
Mo	2322103	< 2	< 2	0.0%	2322117	< 2	< 2	0.0%	2322128	< 2	< 2	0.0%	2322143	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2322103	< 1	< 1	0.0%	2322117	< 1	< 1	0.0%	2322128	< 1	< 1	0.0%	2322143	< 1	< 1	0.0%
Nd	2322103	1.2	1.3	8.0%	2322117	3.6	2.8	25.0%	2322128	1.6	1.7	6.1%	2322143	1.92	2.02	5.1%
Ni	2322103	1260	1270	0.8%	2322117	1300	1260	3.1%	2322128	1140	1150	0.9%	2322143	865	869	0.5%
P	2322103	< 0.01	< 0.01	0.0%	2322117	< 0.01	< 0.01	0.0%	2322128	< 0.01	< 0.01	0.0%	2322143	< 0.01	< 0.01	0.0%
Pb	2322103	< 5	< 5	0.0%	2322117	< 5	< 5	0.0%	2322128	< 5	< 5	0.0%	2322143	< 5	< 5	0.0%
Pr	2322103	0.280	0.222	23.1%	2322117	0.57	0.61	6.8%	2322128	0.32	0.36	11.8%	2322143	0.367	0.456	21.6%
Rb	2322103	0.86	0.82	4.8%	2322117	0.4	0.2		2322128	0.9	1.1	20.0%	2322143	0.2	0.3	40.0%
S	2322103	0.27	0.28	3.6%	2322117	0.25	0.25	0.0%	2322128	0.16	0.16	0.0%	2322143	0.354	0.366	3.3%
Sb	2322103	< 0.1	< 0.1	0.0%	2322117	< 0.1	0.1		2322128	< 0.1	< 0.1	0.0%	2322143	0.2	< 0.1	
Sc	2322103	20	20	0.0%	2322117	31	30	3.3%	2322128	19	19	0.0%	2322143	27	27	0.0%
Si	2322103	23.5	23.8	1.3%	2322117	21.1	20.9	1.0%	2322128	22.0	21.7	1.4%	2322143	21.1	21.2	0.5%
Sm	2322103	0.4	0.4	0.0%	2322117	1.0	1.3	26.1%	2322128	0.71	0.55	25.4%	2322143	0.9	0.7	25.0%
Sn	2322103	< 1	1		2322117	< 1	< 1	0.0%	2322128	< 1	< 1	0.0%	2322143	< 1	< 1	0.0%
Sr	2322103	10.7	10.4	2.8%	2322117	365	362	0.8%	2322128	88.2	89.3	1.2%	2322143	49.3	49.7	0.8%
Ta	2322103	< 0.5	< 0.5	0.0%	2322117	< 0.5	< 0.5	0.0%	2322128	< 0.5	< 0.5	0.0%	2322143	< 0.5	< 0.5	0.0%
Tb	2322103	0.14	0.18	25.0%	2322117	0.39	0.39	0.0%	2322128	0.207	0.201	2.9%	2322143	0.16	0.23	
Th	2322103	< 0.1	< 0.1	0.0%	2322117	< 0.1	< 0.1	0.0%	2322128	< 0.1	< 0.1	0.0%	2322143	< 0.1	< 0.1	0.0%
Ti	2322103	0.19	0.19	0.0%	2322117	0.27	0.27	0.0%	2322128	0.175	0.168	4.1%	2322143	0.231	0.237	2.6%
Tl	2322103	< 0.5	< 0.5	0.0%	2322117	< 0.5	< 0.5	0.0%	2322128	< 0.5	< 0.5	0.0%	2322143	< 0.5	< 0.5	0.0%
Tm	2322103	0.13	0.13	0.0%	2322117	0.268	0.259	3.4%	2322128	0.121	0.105	14.2%	2322143	0.147	0.166	12.1%
U	2322103	0.05	< 0.05		2322117	< 0.05	< 0.05	0.0%	2322128	< 0.05	< 0.05	0.0%	2322143	< 0.05	< 0.05	0.0%
V	2322103	124	127	2.4%	2322117	213	208	2.4%	2322128	132	130	1.5%	2322143	173	175	1.1%
W	2322103	< 1	< 1	0.0%	2322117	< 1	< 1	0.0%	2322128	< 1	< 1	0.0%	2322143	< 1	< 1	0.0%
Y	2322103	7.05	6.39	9.8%	2322117	18.4	18.6	1.1%	2322128	7.58	8.45	10.9%	2322143	8.20	8.36	1.9%
Yb	2322103	0.7	0.7	0.0%	2322117	1.64	1.68	2.4%	2322128	0.81	1.01	22.0%	2322143	0.96	0.91	5.3%
Zn	2322103	47	57	19.2%	2322117	67	70	4.4%	2322128	51	49	4.0%	2322143	55	60	8.7%
Zr	2322103	20.3	18.3	10.4%	2322117	21.8	22.3	2.3%	2322128	15.7	17.6	11.4%	2322143	19.6	19.7	0.5%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O731080

PROJECT: 2021 Surimeau DDH Batch 18

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.GTS-2a)				CRM #3 (ref.CGL-015)							
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Al	8.47	8.25	97%	90% - 110%	6.94	7.1	102%	90% - 110%	13.0	13.4	103%	90% - 110%				
As	26	25	94%	90% - 110%												
Ba	540	529	98%	90% - 110%					1310	1310	100%	90% - 110%				
Be	4.0	3.1	77%	90% - 110%												
Ca	0.907	0.869	96%	90% - 110%	4.01	4.14	103%	90% - 110%	1.42	1.42	100%	90% - 110%				
Ce	98	101	103%	90% - 110%												
Co	15	14	96%	90% - 110%												
Cu	150	155	104%	90% - 110%					6.4	5.3	83%	90% - 110%				
Er	3.7	3.7	99%	90% - 110%												
Fe	3.77	3.85	102%	90% - 110%	7.56	8.01	106%	90% - 110%	3.27	3.42	105%	90% - 110%				
Hf	11	11	100%	90% - 110%												
K	2.55	2.49	98%	90% - 110%	2.02	2.08	103%	90% - 110%	3.68	3.87	105%	90% - 110%				
La	44	45	102%	90% - 110%												
Li	47	46	97%	90% - 110%					65.0	69.6	107%	90% - 110%				
Lu	0.6	0.5	86%	90% - 110%												
Mg	1.1	1	94%	90% - 110%	2.41	2.43	101%	90% - 110%								
Mn	780	770	99%	90% - 110%												
Mo	14	13	96%	90% - 110%												
Nb	20	20	98%	90% - 110%												
Ni	32	32	100%	90% - 110%												
P									0.061	0.057	93%	90% - 110%				
Pb	31	32	104%	90% - 110%												
Rb	144	159	110%	90% - 110%												
Sb	0.8	0.9	118%	90% - 110%												
Sc	12	11	91%	90% - 110%												
Si	28.4	29.8	105%	90% - 110%	23.65	25.65	108%	90% - 110%	24.4	26.2	107%	90% - 110%				
Sm	7.4	7.2	97%	90% - 110%												
Sr	144	151	105%	90% - 110%					310	324	105%	90% - 110%				
Ta	1.9	2.3	122%	90% - 110%												
Tb	1.2	1.1	92%	90% - 110%												
Th	18.4	19.4	105%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Ti	0.527	0.524	99%	90% - 110%					0.222	0.214	96%	90% - 110%				
U	5.7	5.8	101%	90% - 110%												
V	77	80	104%	90% - 110%												
W	5	5	107%	90% - 110%												
Y	40	37	92%	90% - 110%												
Zn	130	120	92%	90% - 110%					75.4	75.6	100%	90% - 110%				
Zr	390	374	96%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O731080

PROJECT: 2021 Surimeau DDH Batch 18

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O731080

PROJECT: 2021 Surimeau DDH Batch 18

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O731080

PROJECT: 2021 Surimeau DDH Batch 18

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 19

AGAT WORK ORDER: 21O731093

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Sep 21, 2021

PAGES (INCLUDING COVER): 24

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731093

PROJECT: 2021 Surimeau DDH Batch 19

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
46401 (2322153)	3.41
46402 (2322154)	1.13
46403 (2322155)	3.51
46404 (2322156)	4.38
46405 (2322157)	0.06
46406 (2322158)	3.04
46407 (2322159)	2.29
46408 (2322160)	2.78
46409 (2322161)	2.68
46410 (2322162)	3.16
46411 (2322163)	2.73
46412 C-DUP (2322164)	-
46413 (2322165)	3.04
46414 (2322166)	1.38
46415 (2322167)	1.55
46416 (2322168)	3.96
46417 (2322169)	2.97
46418 (2322170)	3.16
46419 (2322171)	3.19
46420 (2322172)	2.51
46421 (2322173)	2.53
46422 (2322174)	0.91
46423 (2322175)	4.17
46424 (2322176)	5.20
46425 (2322177)	1.79
46426 (2322178)	1.35
46427 (2322179)	4.56
46428 (2322180)	3.18
46429 (2322181)	4.79
46430 (2322182)	5.05
46431 (2322183)	5.24

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731093

PROJECT: 2021 Surimeau DDH Batch 19

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
46432 (2322184)	5.16
46433 (2322185)	5.35
46434 (2322186)	4.66
46435 (2322187)	5.26
46436 (2322188)	4.17
46437 (2322189)	5.23
46438 (2322190)	4.80
46439 (2322191)	3.79
46440 (2322192)	2.94
46441 (2322193)	1.95
46442 (2322194)	1.96
46443 (2322195)	4.95
46444 (2322196)	4.85
46445 C-DUP (2322197)	-
46446 (2322198)	5.27
46447 (2322199)	5.35
46448 (2322200)	5.54
46449 (2322201)	4.73
46450 (2322202)	5.04

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731093

PROJECT: 2021 Surimeau DDH Batch 19

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
46401 (2322153)	<1	2.84	<5	<20	<0.5	<5	0.3	3.82	<0.2	2.0	98.2	0.230	0.2	38
46402 (2322154)	<1	0.07	<5	<20	13.2	<5	<0.1	37.4	<0.2	0.7	0.6	<0.005	<0.1	<5
46403 (2322155)	<1	3.50	<5	<20	<0.5	<5	0.1	4.31	<0.2	6.3	90.5	0.239	0.3	58
46404 (2322156)	<1	4.21	<5	<20	203	<5	0.2	6.90	<0.2	2.8	81.5	0.232	10.8	44
46405 (2322157)	3	1.02	24	95	59.7	<5	0.6	2.43	0.8	11.2	1130	0.024	0.6	14200
46406 (2322158)	<1	4.12	<5	<20	435	<5	<0.1	4.35	<0.2	<0.1	4.1	0.279	<0.1	220
46407 (2322159)	1	8.34	<5	<20	119	<5	0.7	1.26	2.0	53.8	47.7	0.028	0.6	1460
46408 (2322160)	<1	8.66	<5	<20	469	<5	0.4	0.83	0.3	57.5	34.6	0.029	2.5	503
46409 (2322161)	<1	8.07	<5	<20	664	<5	2.1	0.96	23.0	70.8	85.4	0.020	1.8	516
46410 (2322162)	<1	7.97	<5	<20	561	<5	0.3	2.09	0.2	54.4	20.1	0.028	0.8	91
46411 (2322163)	<1	8.19	<5	<20	574	<5	0.4	1.49	1.5	57.9	25.6	0.030	1.1	228
46412 C-DUP (2322164)	<1	8.33	<5	<20	563	<5	0.4	1.55	1.4	53.3	23.4	0.030	1.2	227
46413 (2322165)	<1	8.17	<5	<20	1270	<5	0.2	3.67	<0.2	75.8	25.0	0.024	1.3	90
46414 (2322166)	<1	8.39	<5	<20	527	<5	0.3	2.55	0.8	54.5	21.8	0.026	0.6	392
46415 (2322167)	<1	8.15	<5	<20	481	<5	1.0	2.20	8.5	55.4	48.6	0.031	1.4	709
46416 (2322168)	<1	8.61	<5	<20	414	<5	0.4	2.50	0.6	54.6	23.3	0.028	0.7	296
46417 (2322169)	2	7.25	<5	<20	362	<5	2.2	2.44	27.0	47.4	139	0.015	0.2	2850
46418 (2322170)	<1	7.50	<5	<20	468	<5	1.5	2.44	10.5	50.7	79.3	0.022	0.4	352
46419 (2322171)	<1	8.07	<5	<20	483	<5	0.3	2.48	<0.2	53.4	30.9	0.028	0.6	276
46420 (2322172)	<1	8.75	<5	<20	285	<5	0.4	2.14	<0.2	53.8	28.2	0.028	0.1	207
46421 (2322173)	<1	10.3	<5	<20	461	<5	0.5	1.98	9.7	79.2	48.5	0.028	5.3	307
46422 (2322174)	<1	0.14	<5	<20	13.0	<5	<0.1	34.4	<0.2	0.8	<0.5	<0.005	<0.1	<5
46423 (2322175)	<1	3.14	<5	<20	173	<5	0.5	7.92	0.3	4.6	80.3	0.206	4.1	288
46424 (2322176)	<1	6.84	<5	<20	522	<5	0.5	4.44	14.4	25.3	88.1	0.148	7.7	514
46425 (2322177)	<1	5.57	<5	<20	902	<5	0.4	4.82	0.7	3.3	108	0.314	21.3	265
46426 (2322178)	<1	10.9	<5	<20	730	<5	<0.1	3.06	<0.2	125	18.2	0.048	4.4	178
46427 (2322179)	<1	5.03	<5	<20	595	<5	0.2	6.46	0.8	25.5	81.1	0.177	16.3	88
46428 (2322180)	<1	3.73	<5	<20	385	<5	0.1	7.85	<0.2	11.5	67.1	0.188	10.8	5
46429 (2322181)	<1	4.48	<5	<20	720	<5	0.2	5.49	<0.2	13.4	68.5	0.181	22.2	35
46430 (2322182)	<1	5.09	<5	<20	96.3	<5	0.2	4.63	<0.2	2.7	72.6	0.179	3.1	74
46431 (2322183)	<1	4.62	<5	<20	307	<5	0.2	5.82	<0.2	14.6	76.7	0.215	8.7	57
46432 (2322184)	<1	3.65	<5	<20	<0.5	<5	0.2	5.87	<0.2	2.3	88.7	0.237	0.2	69

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731093

PROJECT: 2021 Surimeau DDH Batch 19

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
46433 (2322185)	<1	3.94	<5	<20	<0.5	<5	0.2	5.10	<0.2	1.8	87.5	0.248	0.2	76
46434 (2322186)	<1	3.43	<5	<20	<0.5	<5	0.2	5.63	<0.2	2.6	87.1	0.225	0.2	67
46435 (2322187)	<1	4.45	<5	<20	124	<5	0.2	6.79	<0.2	5.9	81.6	0.237	2.6	57
46436 (2322188)	<1	4.88	<5	<20	652	<5	0.2	5.83	<0.2	10.2	84.3	0.220	13.2	33
46437 (2322189)	<1	3.33	<5	<20	<0.5	<5	0.3	6.12	<0.2	1.5	90.7	0.225	0.2	100
46438 (2322190)	<1	3.62	<5	<20	<0.5	<5	0.3	5.00	<0.2	1.5	90.7	0.200	0.2	46
46439 (2322191)	<1	3.27	<5	<20	<0.5	<5	0.3	5.35	<0.2	1.9	85.1	0.236	0.2	61
46440 (2322192)	<1	4.94	<5	<20	<0.5	<5	<0.1	5.26	<0.2	3.2	88.6	0.268	0.1	50
46441 (2322193)	<1	5.33	<5	<20	806	<5	0.2	5.90	<0.2	33.8	71.8	0.194	11.6	38
46442 (2322194)	<1	5.43	<5	<20	771	<5	0.1	6.29	<0.2	37.2	73.7	0.199	12.1	25
46443 (2322195)	<1	2.91	<5	<20	<0.5	<5	<0.1	4.53	<0.2	1.5	91.0	0.224	0.3	16
46444 (2322196)	<1	3.51	<5	<20	<0.5	<5	0.2	4.62	<0.2	1.5	94.8	0.250	0.3	36
46445 C-DUP (2322197)	<1	2.88	<5	<20	<0.5	<5	0.1	4.48	<0.2	1.5	91.0	0.223	0.3	17
46446 (2322198)	<1	3.70	<5	<20	<0.5	<5	0.2	5.81	<0.2	1.9	94.8	0.250	0.3	64
46447 (2322199)	<1	3.71	<5	<20	<0.5	<5	0.2	5.79	<0.2	1.5	89.8	0.255	0.2	55
46448 (2322200)	<1	3.80	<5	<20	32.5	<5	0.1	7.56	<0.2	1.7	89.3	0.272	0.6	23
46449 (2322201)	<1	6.69	<5	<20	108	<5	0.7	10.3	<0.2	3.9	129	0.438	0.1	96
46450 (2322202)	<1	3.27	<5	<20	<0.5	<5	0.2	6.89	<0.2	1.3	83.6	0.228	0.2	56

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731093

PROJECT: 2021 Surimeau DDH Batch 19

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
46401 (2322153)	0.95	0.49	0.08	7.08	5.62	0.70	2	<1	0.16	<0.2	<0.05	0.8	<10	<0.05
46402 (2322154)	0.08	<0.05	<0.05	0.11	0.20	0.11	1	<1	<0.05	<0.2	<0.05	0.9	<10	<0.05
46403 (2322155)	1.09	0.62	0.16	7.25	7.76	1.05	2	<1	0.18	<0.2	<0.05	2.8	<10	<0.05
46404 (2322156)	1.40	0.96	0.44	7.21	10.0	1.24	3	<1	0.23	<0.2	1.51	0.8	45	<0.05
46405 (2322157)	0.90	0.47	0.20	34.4	3.28	1.01	<1	<1	0.10	<0.2	0.11	5.8	<10	<0.05
46406 (2322158)	<0.05	<0.05	<0.05	7.74	<0.01	<0.05	<1	<1	<0.05	<0.2	2.92	<0.1	91	<0.05
46407 (2322159)	2.78	1.58	0.99	5.05	20.0	3.42	2	4	0.45	0.4	0.18	26.4	<10	0.15
46408 (2322160)	2.50	1.39	1.38	4.11	24.8	3.61	2	4	0.46	<0.2	0.96	28.5	21	0.11
46409 (2322161)	3.98	2.38	1.37	7.36	28.9	4.61	2	4	0.76	6.4	0.98	35.8	24	0.31
46410 (2322162)	2.23	1.34	1.24	3.03	22.0	3.34	3	3	0.41	<0.2	1.19	25.7	12	0.15
46411 (2322163)	2.31	1.40	1.37	3.69	25.5	3.30	3	4	0.39	0.3	2.39	29.9	25	0.11
46412 C-DUP (2322164)	2.16	1.23	1.07	3.72	22.6	3.02	3	4	0.36	0.3	2.35	27.1	25	0.13
46413 (2322165)	3.41	1.69	1.71	4.64	24.0	4.96	3	4	0.55	<0.2	3.01	37.2	21	0.17
46414 (2322166)	2.48	1.28	1.21	3.60	22.1	3.28	2	3	0.36	<0.2	2.71	26.9	<10	0.13
46415 (2322167)	2.96	1.91	1.34	5.44	26.1	3.80	3	4	0.56	2.4	2.84	26.9	16	0.19
46416 (2322168)	2.43	1.26	1.21	4.13	20.7	3.29	3	3	0.36	<0.2	1.86	26.8	11	0.10
46417 (2322169)	3.47	2.12	1.82	11.9	23.4	3.69	3	3	0.63	6.6	1.22	23.1	<10	0.24
46418 (2322170)	3.32	1.85	1.39	6.83	24.3	4.10	3	4	0.56	2.7	2.35	23.0	<10	0.17
46419 (2322171)	2.46	1.33	1.22	4.14	21.4	3.33	3	4	0.43	<0.2	2.37	25.8	<10	0.10
46420 (2322172)	2.91	1.45	1.51	3.88	21.7	3.73	2	4	0.47	<0.2	0.39	25.3	<10	0.14
46421 (2322173)	3.73	2.11	2.01	5.16	21.8	4.73	2	5	0.69	1.4	1.03	38.9	45	0.26
46422 (2322174)	0.19	0.12	<0.05	0.12	0.35	0.19	1	<1	<0.05	<0.2	<0.05	1.0	<10	<0.05
46423 (2322175)	1.38	0.82	0.50	6.79	13.4	1.04	4	<1	0.24	0.4	0.64	2.2	35	0.07
46424 (2322176)	2.73	1.63	0.64	7.93	18.1	3.04	3	2	0.53	2.1	1.41	10.9	85	0.21
46425 (2322177)	2.08	1.33	0.26	7.50	15.0	1.56	3	<1	0.38	<0.2	3.50	1.0	180	0.14
46426 (2322178)	2.92	1.06	2.54	2.93	24.7	6.56	2	7	0.38	<0.2	0.93	58.6	45	<0.05
46427 (2322179)	3.23	1.68	1.17	8.05	16.1	3.86	3	1	0.53	<0.2	2.14	10.2	118	0.17
46428 (2322180)	1.77	0.92	0.86	7.07	11.0	1.80	3	<1	0.27	<0.2	1.55	4.6	56	0.07
46429 (2322181)	2.22	1.22	0.69	7.78	10.0	2.20	2	<1	0.40	<0.2	2.96	5.4	95	0.09
46430 (2322182)	1.98	1.21	0.23	9.00	10.5	1.57	3	<1	0.37	<0.2	0.45	0.8	24	0.11
46431 (2322183)	2.01	1.14	0.69	8.26	11.4	1.88	3	1	0.34	<0.2	1.17	6.3	37	0.10
46432 (2322184)	1.45	0.83	0.21	7.98	9.22	1.12	3	<1	0.22	<0.2	<0.05	1.0	<10	<0.05

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731093

PROJECT: 2021 Surimeau DDH Batch 19

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
46433 (2322185)	1.47	0.79	0.12	8.46	7.91	1.18	3	<1	0.25	<0.2	<0.05	0.7	<10	0.05
46434 (2322186)	1.35	0.80	0.27	7.42	7.50	1.08	3	<1	0.25	<0.2	<0.05	0.8	<10	<0.05
46435 (2322187)	1.82	1.13	0.44	8.07	8.58	1.68	2	<1	0.35	<0.2	0.34	2.3	13	0.09
46436 (2322188)	2.11	1.24	0.58	8.15	9.99	1.79	2	1	0.36	<0.2	1.70	4.4	53	0.08
46437 (2322189)	1.16	0.83	0.17	7.34	6.76	0.93	3	<1	0.21	<0.2	<0.05	0.5	<10	0.05
46438 (2322190)	1.05	0.67	0.12	6.78	8.41	0.82	2	<1	0.18	<0.2	<0.05	0.4	<10	<0.05
46439 (2322191)	1.35	0.87	0.17	7.74	6.21	0.94	2	<1	0.25	<0.2	<0.05	0.8	<10	<0.05
46440 (2322192)	2.17	1.27	0.43	9.41	8.86	1.61	2	<1	0.42	<0.2	<0.05	1.2	<10	0.13
46441 (2322193)	2.53	1.27	0.97	7.70	12.4	3.20	1	2	0.42	<0.2	1.54	15.4	52	0.10
46442 (2322194)	2.77	1.53	1.27	8.40	13.9	3.59	2	2	0.48	<0.2	1.63	17.3	54	0.16
46443 (2322195)	1.06	0.60	0.18	7.54	6.75	0.73	2	<1	0.17	<0.2	<0.05	0.5	<10	<0.05
46444 (2322196)	1.36	0.80	0.14	8.09	8.15	0.94	2	<1	0.25	<0.2	<0.05	0.5	<10	0.05
46445 C-DUP (2322197)	1.09	0.62	0.13	7.48	6.11	0.83	2	<1	0.16	<0.2	<0.05	0.6	<10	<0.05
46446 (2322198)	1.48	0.95	0.17	8.12	7.56	1.16	2	<1	0.24	<0.2	<0.05	0.6	<10	<0.05
46447 (2322199)	1.35	0.84	0.17	7.96	6.91	1.07	1	<1	0.21	<0.2	<0.05	0.6	<10	0.05
46448 (2322200)	1.47	0.87	0.35	8.14	7.71	1.22	2	<1	0.27	<0.2	0.09	0.5	<10	0.10
46449 (2322201)	2.82	1.70	0.69	9.87	10.8	1.93	<1	<1	0.54	<0.2	0.31	1.6	11	0.17
46450 (2322202)	1.14	0.76	0.13	7.13	5.85	0.97	2	<1	0.17	<0.2	<0.05	0.5	<10	<0.05

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731093

PROJECT: 2021 Surimeau DDH Batch 19

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
46401 (2322153)	16.6	1170	<2	<1	1.6	1510	<0.01	<5	0.23	0.6	0.20	<0.1	16	20.0
46402 (2322154)	2.00	108	<2	<1	0.7	5	<0.01	<5	0.12	0.3	0.52	<0.1	<5	4.90
46403 (2322155)	15.9	1190	<2	<1	4.0	1460	<0.01	<5	0.78	0.9	0.72	<0.1	17	22.4
46404 (2322156)	12.4	1510	<2	1	2.7	1200	0.02	<5	0.38	53.3	0.59	<0.1	19	23.5
46405 (2322157)	1.81	556	<2	<1	4.7	>10000	<0.01	37	1.18	4.3	20.6	0.3	<5	7.17
46406 (2322158)	11.6	1720	<2	<1	<0.1	1400	0.01	<5	<0.05	0.2	1.45	<0.1	28	21.6
46407 (2322159)	1.46	518	7	5	24.5	263	0.04	15	6.23	6.8	2.54	<0.1	11	29.8
46408 (2322160)	1.31	288	9	6	26.1	174	0.06	10	6.48	53.0	1.71	<0.1	12	31.3
46409 (2322161)	1.01	353	53	7	29.9	430	0.05	51	7.77	50.7	4.40	<0.1	12	27.0
46410 (2322162)	1.07	510	9	5	24.9	85	0.04	27	6.30	47.2	1.48	<0.1	9	30.2
46411 (2322163)	0.92	362	11	6	24.9	116	0.05	27	6.54	82.1	1.90	<0.1	10	30.4
46412 C-DUP (2322164)	0.90	373	11	5	22.5	118	0.05	24	5.99	71.6	1.88	<0.1	10	31.3
46413 (2322165)	2.02	787	6	5	39.8	83	0.12	20	9.43	106	2.09	<0.1	14	28.9
46414 (2322166)	1.23	578	7	5	24.1	99	0.06	18	6.15	74.2	2.21	<0.1	11	30.9
46415 (2322167)	1.56	594	10	6	25.5	242	0.04	17	6.56	92.6	3.25	<0.1	12	29.0
46416 (2322168)	1.33	582	13	5	23.7	114	0.06	22	6.33	56.5	2.44	<0.1	11	30.4
46417 (2322169)	0.65	598	19	5	22.5	923	0.07	36	5.76	39.4	7.69	<0.1	10	24.1
46418 (2322170)	1.02	538	12	6	24.8	451	0.05	34	6.01	78.9	4.16	<0.1	10	27.1
46419 (2322171)	1.19	518	9	5	25.1	145	0.06	15	6.13	85.5	2.25	<0.1	10	29.5
46420 (2322172)	0.97	463	16	6	24.9	117	0.05	22	6.20	16.2	1.85	<0.1	11	31.4
46421 (2322173)	1.87	339	46	7	33.5	208	0.04	52	8.71	41.1	2.39	<0.1	17	27.5
46422 (2322174)	3.50	118	<2	<1	0.8	<5	<0.01	<5	0.11	1.0	0.48	0.1	<5	5.65
46423 (2322175)	12.4	1900	6	<1	2.8	1060	<0.01	<5	0.55	21.9	1.30	<0.1	18	24.5
46424 (2322176)	13.8	1820	32	4	12.8	756	0.04	<5	2.95	50.7	1.66	<0.1	21	20.2
46425 (2322177)	12.9	1510	23	1	3.6	1320	<0.01	38	0.50	134	0.65	<0.1	29	23.4
46426 (2322178)	2.12	430	16	7	59.0	149	0.05	58	14.5	34.6	0.66	<0.1	<5	28.5
46427 (2322179)	11.2	1640	8	3	15.4	962	0.09	12	3.52	84.9	0.23	<0.1	28	23.4
46428 (2322180)	12.4	1460	3	2	6.9	768	0.02	<5	1.44	60.4	0.14	<0.1	20	25.4
46429 (2322181)	12.3	1330	<2	1	8.3	648	0.02	6	1.73	123	0.46	<0.1	23	22.9
46430 (2322182)	14.0	1560	<2	<1	2.7	501	<0.01	<5	0.42	16.5	1.23	<0.1	32	20.5
46431 (2322183)	13.3	1400	<2	1	8.5	808	0.04	<5	1.81	48.2	0.76	<0.1	26	22.5
46432 (2322184)	14.8	1170	<2	<1	2.1	1070	<0.01	<5	0.27	0.8	1.05	<0.1	22	22.7

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731093

PROJECT: 2021 Surimeau DDH Batch 19

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
46433 (2322185)	14.8	1190	<2	<1	2.0	994	<0.01	<5	0.24	0.5	1.11	<0.1	24	21.8
46434 (2322186)	15.1	1230	<2	<1	2.2	1090	<0.01	<5	0.33	0.8	0.80	<0.1	20	22.9
46435 (2322187)	14.0	1470	<2	<1	4.5	1020	0.01	<5	0.83	14.0	0.39	<0.1	24	21.9
46436 (2322188)	13.4	1370	<2	<1	6.0	903	<0.01	<5	1.35	75.4	0.30	<0.1	24	22.1
46437 (2322189)	15.7	1210	<2	<1	1.5	1360	0.01	<5	0.18	0.8	0.43	<0.1	18	23.5
46438 (2322190)	16.1	1060	<2	<1	1.7	1420	<0.01	<5	0.21	0.6	0.29	<0.1	15	23.4
46439 (2322191)	15.3	1470	<2	<1	1.7	1250	<0.01	<5	0.23	0.9	0.38	<0.1	20	21.7
46440 (2322192)	13.8	1440	<2	<1	2.5	749	<0.01	<5	0.43	0.9	0.41	<0.1	31	19.9
46441 (2322193)	11.8	1210	<2	2	18.7	739	0.07	11	4.39	64.8	0.15	<0.1	24	22.1
46442 (2322194)	12.1	1390	<2	2	19.3	716	0.08	6	4.55	69.4	0.15	<0.1	26	22.5
46443 (2322195)	16.9	1320	<2	<1	1.5	1450	<0.01	<5	0.15	0.8	0.10	<0.1	18	23.7
46444 (2322196)	16.4	1350	<2	<1	1.5	1310	<0.01	<5	0.19	0.8	0.15	<0.1	21	22.0
46445 C-DUP (2322197)	16.8	1320	<2	<1	1.4	1440	0.02	<5	0.15	1.1	0.10	<0.1	18	23.5
46446 (2322198)	15.2	1290	<2	<1	1.7	1220	<0.01	<5	0.22	0.5	0.25	<0.1	22	20.6
46447 (2322199)	15.2	1230	<2	<1	1.5	1270	<0.01	<5	0.20	0.7	0.25	<0.1	21	20.6
46448 (2322200)	13.0	1760	<2	<1	1.8	1090	<0.01	<5	0.26	2.5	0.19	<0.1	23	21.1
46449 (2322201)	5.59	3120	2	<1	3.5	1480	<0.01	7	0.56	4.1	0.13	<0.1	41	22.2
46450 (2322202)	13.7	1280	<2	<1	1.4	1300	<0.01	<5	0.17	0.6	0.27	<0.1	19	22.0

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731093

PROJECT: 2021 Surimeau DDH Batch 19

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
46401 (2322153)	0.4	<1	124	<0.5	0.07	<0.1	0.16	<0.5	<0.05	0.05	116	<1	5.9	0.5
46402 (2322154)	<0.1	<1	77.3	<0.5	<0.05	<0.1	<0.01	0.6	<0.05	0.07	<5	<1	1.8	<0.1
46403 (2322155)	1.0	<1	17.9	<0.5	0.11	0.4	0.19	0.5	<0.05	0.16	135	<1	6.1	0.6
46404 (2322156)	1.0	4	33.2	<0.5	0.15	<0.1	0.22	1.5	0.06	0.17	152	<1	8.0	0.8
46405 (2322157)	0.9	1	29.1	<0.5	0.08	0.8	0.10	<0.5	<0.05	0.21	62	4	5.0	0.4
46406 (2322158)	<0.1	<1	21.9	<0.5	<0.05	<0.1	0.22	<0.5	<0.05	<0.05	176	<1	<0.5	<0.1
46407 (2322159)	4.6	3	123	<0.5	0.44	6.4	0.33	<0.5	0.16	2.12	113	<1	13.7	1.4
46408 (2322160)	4.6	9	98.1	<0.5	0.44	7.4	0.34	1.6	0.13	2.27	112	<1	14.2	1.3
46409 (2322161)	5.5	10	108	<0.5	0.60	8.0	0.32	1.5	0.28	2.63	103	<1	22.4	2.4
46410 (2322162)	4.4	5	95.5	<0.5	0.40	6.5	0.30	1.2	0.11	2.08	93	<1	13.3	1.1
46411 (2322163)	4.0	9	108	<0.5	0.36	6.8	0.32	1.8	0.11	2.12	103	<1	12.8	1.4
46412 C-DUP (2322164)	3.6	8	109	<0.5	0.34	6.2	0.32	1.6	0.10	1.94	101	<1	12.2	1.1
46413 (2322165)	6.4	5	876	<0.5	0.59	7.3	0.36	2.2	0.17	2.27	139	<1	17.0	1.5
46414 (2322166)	4.0	5	110	<0.5	0.38	6.0	0.32	1.8	0.11	1.95	102	<1	12.8	1.2
46415 (2322167)	4.5	7	97.9	<0.5	0.45	6.8	0.31	2.1	0.18	2.18	100	<1	16.3	1.6
46416 (2322168)	4.3	5	132	<0.5	0.40	6.8	0.34	1.2	0.11	2.16	109	<1	13.1	1.2
46417 (2322169)	4.2	8	144	<0.5	0.52	4.9	0.30	<0.5	0.24	1.85	74	<1	18.3	2.0
46418 (2322170)	5.0	7	104	<0.5	0.52	7.2	0.29	1.9	0.19	2.24	87	<1	16.7	1.7
46419 (2322171)	4.3	3	99.2	<0.5	0.35	6.5	0.31	2.7	0.11	2.14	100	<1	12.4	1.2
46420 (2322172)	4.2	10	144	<0.5	0.41	7.4	0.33	0.6	0.13	2.40	106	<1	14.4	1.4
46421 (2322173)	6.0	8	438	<0.5	0.64	10.4	0.41	1.2	0.22	3.05	107	<1	19.9	2.0
46422 (2322174)	<0.1	<1	68.8	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.17	<5	<1	2.7	<0.1
46423 (2322175)	0.8	19	34.9	<0.5	0.13	0.1	0.15	0.7	0.05	0.17	186	<1	8.6	0.9
46424 (2322176)	3.0	11	28.9	<0.5	0.36	3.3	0.33	1.1	0.17	1.19	148	<1	15.9	1.6
46425 (2322177)	1.2	7	33.7	<0.5	0.22	0.1	0.28	2.7	0.12	0.14	196	<1	12.0	1.2
46426 (2322178)	10.1	4	2660	<0.5	0.59	8.4	0.33	<0.5	<0.05	2.58	72	<1	12.3	0.7
46427 (2322179)	3.8	7	115	<0.5	0.50	2.1	0.32	1.2	0.16	0.81	214	<1	16.3	1.5
46428 (2322180)	1.7	5	77.1	<0.5	0.22	0.6	0.21	0.6	0.07	0.37	131	<1	10.1	0.9
46429 (2322181)	2.1	2	53.1	<0.5	0.28	0.8	0.26	1.4	0.10	0.36	172	<1	11.4	1.1
46430 (2322182)	1.0	<1	30.1	<0.5	0.23	<0.1	0.31	<0.5	0.10	<0.05	207	<1	11.0	1.0
46431 (2322183)	1.9	2	53.6	<0.5	0.26	0.8	0.27	<0.5	0.10	0.36	181	<1	10.2	1.1
46432 (2322184)	0.7	<1	36.1	<0.5	0.13	<0.1	0.21	<0.5	0.05	<0.05	151	<1	8.2	0.9

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731093

PROJECT: 2021 Surimeau DDH Batch 19

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
46433 (2322185)	0.7	<1	31.2	<0.5	0.15	<0.1	0.24	<0.5	0.06	0.06	166	<1	8.5	0.8
46434 (2322186)	0.7	<1	33.5	<0.5	0.14	<0.1	0.19	<0.5	<0.05	0.07	136	<1	7.8	0.8
46435 (2322187)	1.2	<1	106	<0.5	0.24	0.3	0.24	<0.5	0.09	0.08	173	<1	10.2	1.0
46436 (2322188)	1.8	<1	88.2	<0.5	0.27	0.9	0.27	1.0	0.11	0.11	188	<1	11.3	1.1
46437 (2322189)	0.6	<1	76.1	<0.5	0.12	<0.1	0.17	<0.5	<0.05	0.05	121	<1	7.0	0.7
46438 (2322190)	0.5	<1	31.8	<0.5	0.09	<0.1	0.15	<0.5	<0.05	<0.05	124	<1	6.1	0.6
46439 (2322191)	0.6	<1	85.3	<0.5	0.14	<0.1	0.18	<0.5	0.07	<0.05	132	<1	7.6	0.7
46440 (2322192)	1.0	<1	53.9	<0.5	0.23	<0.1	0.29	<0.5	0.13	<0.05	212	<1	11.7	1.3
46441 (2322193)	3.6	<1	320	<0.5	0.40	2.7	0.32	0.9	0.12	0.73	183	<1	13.1	1.1
46442 (2322194)	3.8	1	175	<0.5	0.42	3.2	0.35	0.8	0.14	0.83	197	<1	14.5	1.3
46443 (2322195)	0.5	<1	55.7	<0.5	0.08	<0.1	0.16	<0.5	<0.05	<0.05	120	<1	6.2	0.6
46444 (2322196)	0.6	<1	60.4	<0.5	0.12	<0.1	0.20	<0.5	0.06	<0.05	146	<1	7.4	0.8
46445 C-DUP (2322197)	0.6	<1	55.0	<0.5	0.08	<0.1	0.16	<0.5	<0.05	<0.05	118	<1	6.0	0.7
46446 (2322198)	0.7	<1	85.7	<0.5	0.17	<0.1	0.20	<0.5	0.06	<0.05	153	<1	8.5	0.9
46447 (2322199)	0.5	<1	75.7	<0.5	0.14	<0.1	0.20	<0.5	<0.05	<0.05	152	<1	7.6	0.8
46448 (2322200)	0.9	<1	109	<0.5	0.18	<0.1	0.21	<0.5	0.08	<0.05	168	<1	9.3	0.9
46449 (2322201)	1.5	1	347	<0.5	0.34	<0.1	0.36	<0.5	0.18	0.05	270	<1	15.9	1.7
46450 (2322202)	0.5	<1	56.3	<0.5	0.09	<0.1	0.17	<0.5	<0.05	<0.05	125	<1	6.5	0.7

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731093

PROJECT: 2021 Surimeau DDH Batch 19

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
46401 (2322153)	51	21.2
46402 (2322154)	<5	4.9
46403 (2322155)	52	24.5
46404 (2322156)	143	19.2
46405 (2322157)	86	33.1
46406 (2322158)	277	0.6
46407 (2322159)	1130	131
46408 (2322160)	203	147
46409 (2322161)	11800	168
46410 (2322162)	110	137
46411 (2322163)	901	139
46412 C-DUP (2322164)	888	139
46413 (2322165)	112	143
46414 (2322166)	433	138
46415 (2322167)	4560	142
46416 (2322168)	412	133
46417 (2322169)	14800	128
46418 (2322170)	5410	141
46419 (2322171)	123	144
46420 (2322172)	106	143
46421 (2322173)	3860	206
46422 (2322174)	<5	5.7
46423 (2322175)	544	16.2
46424 (2322176)	5090	86.8
46425 (2322177)	742	25.1
46426 (2322178)	142	234
46427 (2322179)	295	56.3
46428 (2322180)	159	30.8
46429 (2322181)	147	34.5
46430 (2322182)	115	24.6
46431 (2322183)	114	36.6
46432 (2322184)	70	18.4

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731093

PROJECT: 2021 Surimeau DDH Batch 19

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
46433 (2322185)	64	20.8
46434 (2322186)	61	17.0
46435 (2322187)	65	22.8
46436 (2322188)	77	36.2
46437 (2322189)	57	16.8
46438 (2322190)	55	13.1
46439 (2322191)	54	17.8
46440 (2322192)	71	25.9
46441 (2322193)	67	60.7
46442 (2322194)	78	71.2
46443 (2322195)	51	13.9
46444 (2322196)	57	19.0
46445 C-DUP (2322197)	51	13.7
46446 (2322198)	53	17.2
46447 (2322199)	59	18.8
46448 (2322200)	62	16.7
46449 (2322201)	85	31.7
46450 (2322202)	52	14.5

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731093

PROJECT: 2021 Surimeau DDH Batch 19

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
46401 (2322153)	78.54
46420 (2322172)	78.40
46440 (2322192)	76.84

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731093

PROJECT: 2021 Surimeau DDH Batch 19

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
46401 (2322153)	87.18
46420 (2322172)	87.78

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O731093

PROJECT: 2021 Surimeau DDH Batch 19

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2322153	< 1	< 1	0.0%	2322167	< 1	< 1	0.0%	2322178	< 1	< 1	0.0%	2322193	< 1	< 1	0.0%
Al	2322153	2.84	2.76	2.9%	2322158	4.12	4.20	1.9%	2322167	8.15	8.03	1.5%	2322178	10.9	11.1	1.8%
As	2322153	< 5	< 5	0.0%	2322167	< 5	< 5	0.0%	2322178	< 5	< 5	0.0%	2322193	< 5	< 5	0.0%
B	2322153	< 20	< 20	0.0%	2322158	< 20	< 20	0.0%	2322167	< 20	< 20	0.0%	2322178	< 20	< 20	0.0%
Ba	2322153	< 0.5	< 0.5	0.0%	2322158	435	440	1.1%	2322167	481	481	0.0%	2322178	730	724	0.8%
Be	2322153	< 5	< 5	0.0%	2322167	< 5	< 5	0.0%	2322178	< 5	< 5	0.0%	2322193	< 5	< 5	0.0%
Bi	2322153	0.35	0.37	5.6%	2322167	0.99	0.93	6.3%	2322178	< 0.1	< 0.1	0.0%	2322193	0.2	0.2	0.0%
Ca	2322153	3.82	3.84	0.5%	2322158	4.35	4.45	2.3%	2322167	2.20	2.14	2.8%	2322178	3.06	3.10	1.3%
Cd	2322153	< 0.2	< 0.2	0.0%	2322167	8.5	8.0	6.1%	2322178	< 0.2	< 0.2	0.0%	2322193	< 0.2	< 0.2	0.0%
Ce	2322153	2.0	2.0	0.0%	2322167	55.4	52.0	6.3%	2322178	125	117	6.6%	2322193	33.8	32.9	2.7%
Co	2322153	98.2	85.3	14.1%	2322167	48.6	45.5	6.6%	2322178	18.2	16.2	11.6%	2322193	71.8	69.0	4.0%
Cr	2322153	0.230	0.226	1.8%	2322158	0.279	0.279	0.0%	2322167	0.0306	0.0301	1.6%	2322178	0.048	0.044	8.7%
Cs	2322153	0.2	0.2	0.0%	2322167	1.43	1.59	10.6%	2322178	4.4	3.7	17.3%	2322193	11.6	11.2	3.5%
Cu	2322153	38	37	2.7%	2322158	220	227	3.1%	2322167	709	712	0.4%	2322178	178	176	1.1%
Dy	2322153	0.946	0.909	4.0%	2322167	2.96	2.69	9.6%	2322178	2.92	2.73	6.7%	2322193	2.53	2.27	10.8%
Er	2322153	0.495	0.521	5.1%	2322167	1.91	1.58	18.9%	2322178	1.06	0.903	16.0%	2322193	1.27	1.35	6.1%
Eu	2322153	0.08	0.08	0.0%	2322167	1.34	1.26	6.2%	2322178	2.54	2.54	0.0%	2322193	0.97	0.97	0.0%
Fe	2322153	7.08	7.00	1.1%	2322158	7.74	7.92	2.3%	2322167	5.44	5.31	2.4%	2322178	2.93	2.91	0.7%
Ga	2322153	5.62	5.65	0.5%	2322167	26.1	23.7	9.6%	2322178	24.7	23.2	6.3%	2322193	12.4	13.6	9.2%
Gd	2322153	0.700	0.662	5.6%	2322167	3.80	3.69	2.9%	2322178	6.56	6.17	6.1%	2322193	3.20	2.94	8.5%
Ge	2322153	2	2	0.0%	2322167	3	2		2322178	2	1		2322193	1	2	
Hf	2322153	< 1	< 1	0.0%	2322167	4	3	28.6%	2322178	7	6	15.4%	2322193	2	2	0.0%
Ho	2322153	0.161	0.135	17.6%	2322167	0.556	0.483	14.1%	2322178	0.38	0.31	20.3%	2322193	0.42	0.39	7.4%
In	2322153	< 0.2	< 0.2	0.0%	2322167	2.36	2.17	8.4%	2322178	< 0.2	< 0.2	0.0%	2322193	< 0.2	< 0.2	0.0%
K	2322153	< 0.05	< 0.05	0.0%	2322158	2.92	2.99	2.4%	2322167	2.84	2.78	2.1%	2322178	0.926	0.907	2.1%
La	2322153	0.80	0.74	7.8%	2322167	26.9	25.0	7.3%	2322178	58.6	54.9	6.5%	2322193	15.4	15.0	2.6%
Li	2322153	< 10	< 10	0.0%	2322158	91	93	2.2%	2322167	16	16	0.0%	2322178	45	43	4.5%
Lu	2322153	< 0.05	< 0.05	0.0%	2322167	0.19	0.13		2322178	< 0.05	< 0.05	0.0%	2322193	0.10	0.10	0.0%
Mg	2322153	16.6	16.5	0.6%	2322158	11.6	11.7	0.9%	2322167	1.56	1.58	1.3%	2322178	2.12	2.03	4.3%
Mn	2322153	1170	1180	0.9%	2322158	1720	1750	1.7%	2322167	594	591	0.5%	2322178	430	421	2.1%
Mo	2322153	< 2	< 2	0.0%	2322167	10	9	10.5%	2322178	16	12	28.6%	2322193	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2322153	< 1	< 1	0.0%	2322167	6	6	0.0%	2322178	7	6	15.4%	2322193	2	2	0.0%
Nd	2322153	1.55	1.34	14.5%	2322167	25.5	24.7	3.2%	2322178	59.0	54.4	8.1%	2322193	18.7	17.0	9.5%
Ni	2322153	1510	1480	2.0%	2322158	1400	1430	2.1%	2322167	242	241	0.4%	2322178	149	137	8.4%
P	2322153	< 0.01	< 0.01	0.0%	2322158	0.01	< 0.01		2322167	0.04	0.06		2322178	0.049	0.065	28.1%
Pb	2322153	< 5	< 5	0.0%	2322167	17	16	6.1%	2322178	58	54	7.1%	2322193	11	11	0.0%
Pr	2322153	0.23	0.17		2322167	6.56	6.27	4.5%	2322178	14.5	14.0	3.5%	2322193	4.39	4.08	7.3%
Rb	2322153	0.60	0.54	10.5%	2322167	92.6	84.6	9.0%	2322178	34.6	32.3	6.9%	2322193	64.8	66.1	2.0%
S	2322153	0.20	0.20	0.0%	2322158	1.45	1.50	3.4%	2322167	3.25	3.22	0.9%	2322178	0.66	0.66	0.0%
Sb	2322153	< 0.1	0.1		2322167	< 0.1	< 0.1	0.0%	2322178	< 0.1	< 0.1	0.0%	2322193	< 0.1	< 0.1	0.0%
Sc	2322153	16	16	0.0%	2322158	28	28	0.0%	2322167	12	12	0.0%	2322178	< 5	< 5	0.0%
Si	2322153	20.0	19.8	1.0%	2322158	21.6	22.2	2.7%	2322167	29.0	28.5	1.7%	2322178	28.5	29.0	1.7%
Sm	2322153	0.42	0.47	11.2%	2322167	4.5	4.7	4.3%	2322178	10.1	9.4	7.2%	2322193	3.6	3.7	2.7%
Sn	2322153	< 1	< 1	0.0%	2322167	7	7	0.0%	2322178	4	4	0.0%	2322193	< 1	< 1	0.0%
Sr	2322153	124	124	0.0%	2322158	21.9	22.7	3.6%	2322167	97.9	95.5	2.5%	2322178	2660	2650	0.4%
Ta	2322153	< 0.5	< 0.5	0.0%	2322167	< 0.5	< 0.5	0.0%	2322178	< 0.5	< 0.5	0.0%	2322193	< 0.5	< 0.5	0.0%
Tb	2322153	0.07	0.07	0.0%	2322167	0.45	0.48	6.5%	2322178	0.594	0.613	3.1%	2322193	0.40	0.40	0.0%
Th	2322153	< 0.1	< 0.1	0.0%	2322167	6.78	6.34	6.7%	2322178	8.40	7.84	6.9%	2322193	2.66	2.55	4.2%
Ti	2322153	0.16	0.16	0.0%	2322158	0.22	0.22	0.0%	2322167	0.31	0.31	0.0%	2322178	0.33	0.33	0.0%
Tl	2322153	< 0.5	0.5		2322167	2.1	1.8	15.4%	2322178	< 0.5	< 0.5	0.0%	2322193	0.93	0.83	11.4%
Tm	2322153	< 0.05	< 0.05	0.0%	2322167	0.183	0.145	23.2%	2322178	< 0.05	< 0.05	0.0%	2322193	0.116	0.114	1.7%
U	2322153	0.054	0.056	3.6%	2322167	2.18	2.01	8.1%	2322178	2.58	2.36	8.9%	2322193	0.729	0.680	7.0%
V	2322153	116	116	0.0%	2322158	176	173	1.7%	2322167	100	100	0.0%	2322178	72	70	2.8%
W	2322153	< 1	< 1	0.0%	2322167	< 1	< 1	0.0%	2322178	< 1	< 1	0.0%	2322193	< 1	< 1	0.0%
Y	2322153	5.94	4.85	20.2%	2322167	16.3	15.1	7.6%	2322178	12.3	11.4	7.6%	2322193	13.1	12.4	5.5%
Yb	2322153	0.52	0.55	5.6%	2322167	1.61	1.53	5.1%	2322178	0.67	0.65	3.0%	2322193	1.1	1.1	0.0%
Zn	2322153	51	50	2.0%	2322158	277	290	4.6%	2322167	4560	4540	0.4%	2322178	142	125	12.7%
Zr	2322153	21.2	20.6	2.9%	2322167	142	128	10.4%	2322178	234	218	7.1%	2322193	60.7	59.1	2.7%
	REPLICATE #5															
Parameter	Sample ID	Original	Replicate	RPD												
Ag	2322193	< 1	<1													
Al	2322193	5.33	5.35	0.4%												
As	2322193	< 5	<5													
B	2322193	< 20	< 20	0.0%												
Ba	2322193	806	801	0.6%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Be	2322193	< 5	<5													
Bi	2322193	0.2	0.2	0.0%												
Ca	2322193	5.90	5.94	0.7%												
Cd	2322193	< 0.2	<0.2													
Ce	2322193	33.8	35	3.5%												
Co	2322193	71.8	68.5	4.7%												
Cr	2322193	0.194	0.191	1.6%												
Cs	2322193	11.6	11.2	3.5%												
Cu	2322193	38	39	2.6%												
Dy	2322193	2.53	2.38	6.1%												
Er	2322193	1.27	1.42	11.2%												
Eu	2322193	0.97	1.07	9.8%												
Fe	2322193	7.70	7.77	0.9%												
Ga	2322193	12.4	13.6	9.2%												
Gd	2322193	3.20	3.09	3.5%												
Ge	2322193	1	1	0.0%												
Hf	2322193	2	2	0.0%												
Ho	2322193	0.42	0.41	2.4%												
In	2322193	< 0.2	<0.2													
K	2322193	1.54	1.53	0.7%												
La	2322193	15.4	15.8	2.6%												
Li	2322193	52	53	1.9%												
Lu	2322193	0.10	0.11	9.5%												
Mg	2322193	11.8	11.6	1.7%												
Mn	2322193	1210	1220	0.8%												
Mo	2322193	< 2	<2													
Nb	2322193	2	2	0.0%												
Nd	2322193	18.7	18.9	1.1%												
Ni	2322193	739	735	0.5%												
P	2322193	0.07	0.06	15.4%												
Pb	2322193	11	11	0.0%												
Pr	2322193	4.39	4.53	3.1%												
Rb	2322193	64.8	66.1	2.0%												
S	2322193	0.149	0.141	5.5%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sb	2322193	< 0.1	<0.1													
Sc	2322193	24	24	0.0%												
Si	2322193	22.1	22.2	0.5%												
Sm	2322193	3.6	4.1	13.0%												
Sn	2322193	< 1	<1													
Sr	2322193	320	323	0.9%												
Ta	2322193	< 0.5	<0.5													
Tb	2322193	0.40	0.4	0.0%												
Th	2322193	2.7	2.3	16.0%												
Ti	2322193	0.32	0.32	0.0%												
Tl	2322193	0.9	0.9	0.0%												
Tm	2322193	0.12	0.11	8.7%												
U	2322193	0.73	0.71	2.8%												
V	2322193	183	186	1.6%												
W	2322193	< 1	<1													
Y	2322193	13.1	12.4	5.5%												
Yb	2322193	1.1	1.2	8.7%												
Zn	2322193	67	73	8.6%												
Zr	2322193	60.7	59.1	2.7%												

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O731093

PROJECT: 2021 Surimeau DDH Batch 19

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.33	98%	90% - 110%					6.94	7.12	103%	90% - 110%	13.0	13.5	104%	90% - 110%
As	26	25	96%	90% - 110%												
Ba	540	518	96%	90% - 110%									1310	1425	109%	90% - 110%
Be	4.0	4	100%	90% - 110%												
Ca	0.907	0.912	101%	90% - 110%					4.01	4.22	105%	90% - 110%	1.42	1.51	106%	90% - 110%
Ce	98	94	96%	90% - 110%	58.2	60.6	104%	90% - 110%								
Co	15	15	100%	90% - 110%												
Cu	150	152	101%	90% - 110%									6.4	4.8	74%	90% - 110%
Er	3.7	3.7	101%	90% - 110%												
Fe	3.77	3.96	105%	90% - 110%					7.56	8.09	107%	90% - 110%	3.27	3.53	108%	90% - 110%
Ga					22.6	22.8	100%	90% - 110%								
Hf	11	11	97%	90% - 110%												
K	2.55	2.57	101%	90% - 110%					2.02	2.21	109%	90% - 110%	3.68	3.85	104%	90% - 110%
La	44	43	99%	90% - 110%	27.5	30.1	109%	90% - 110%								
Li	47	45	96%	90% - 110%									65.0	69.4	107%	90% - 110%
Lu	0.6	0.5	88%	90% - 110%												
Mg	1.1	1.1	97%	90% - 110%					2.41	2.46	102%	90% - 110%				
Mn	780	771	99%	90% - 110%												
Mo	14	14	100%	90% - 110%												
Nb	20	19	95%	90% - 110%	22.6	23.8	105%	90% - 110%								
Nd					27.3	29.5	108%	90% - 110%								
P													0.061	0.057	93%	90% - 110%
Pb	31	28	91%	90% - 110%												
Rb	144	129	90%	90% - 110%	85.4	87.3	102%	90% - 110%								
Sb	0.8	0.9	111%	90% - 110%												
Sc	12	11	91%	90% - 110%												
Si	28.4	29	102%	90% - 110%					23.65	24.84	105%	90% - 110%	24.4	25.9	106%	90% - 110%
Sm	7.4	7.11	96%	90% - 110%												
Sr	144	146	102%	90% - 110%									310	332	107%	90% - 110%
Ta	1.9	1.8	94%	90% - 110%												
Tb	1.2	1	80%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Th	18.4	16.8	91%	90% - 110%												
Ti	0.527	0.522	99%	90% - 110%									0.222	0.223	101%	90% - 110%
U	5.7	5	88%	90% - 110%												
V	77	80	104%	90% - 110%												
W	5	5	97%	90% - 110%												
Y	40	39	97%	90% - 110%	25.3	25.1	99%	90% - 110%								
Yb					2.66	3.02	114%	90% - 110%								
Zn	130	118	90%	90% - 110%									75.4	78.5	104%	90% - 110%
Zr					157	165	105%	90% - 110%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O731093

PROJECT: 2021 Surimeau DDH Batch 19

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC
AGAT WORK ORDER: 21O731093
PROJECT: 2021 Surimeau DDH Batch 19
ATTENTION TO: Francis Newton
SAMPLING SITE:
SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O731093

PROJECT: 2021 Surimeau DDH Batch 19

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 20

AGAT WORK ORDER: 21O731154

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Jun 17, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731154

PROJECT: 2021 Surimeau DDH Batch 20

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
46451 (2322203)	4.43
46452 (2322204)	0.66
46453 (2322205)	4.48
46454 (2322206)	4.48
46455 (2322207)	4.39
46456 (2322208)	4.32
46457 (2322209)	4.34
46458 (2322210)	4.14
46459 (2322211)	3.03
46460 (2322212)	2.96
46461 (2322213)	3.04
46462 C-DUP (2322214)	\-
46463 (2322215)	3.05
46464 (2322216)	1.02
46465 (2322217)	1.06
46466 (2322218)	3.67
46467 (2322219)	2.59
46468 (2322220)	2.84
46469 (2322221)	2.94
46470 (2322222)	4.00
46471 (2322223)	4.08
46472 (2322224)	0.81
46473 (2322225)	3.96
46474 (2322226)	4.28
46475 (2322227)	2.19
46476 (2322228)	2.90
46477 (2322229)	4.28
46478 (2322230)	1.79
46479 (2322231)	3.37
46480 (2322232)	2.12
46481 (2322233)	1.77

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731154

PROJECT: 2021 Surimeau DDH Batch 20

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
46482 (2322234)	3.98
46483 (2322235)	3.96
46484 (2322236)	4.28
46485 (2322237)	2.58
46486 (2322238)	3.93
46487 (2322239)	3.73
46488 (2322240)	3.85
46489 (2322241)	2.79
46490 (2322242)	3.75
46491 (2322243)	1.71
46492 (2322244)	1.70
46493 (2322245)	3.50
46494 (2322246)	3.03
46495 C-DUP (2322247)	-
46496 (2322248)	1.82
46497 (2322249)	2.59
46498 (2322250)	2.63
46499 (2322251)	2.65
46500 (2322252)	2.53

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731154

PROJECT: 2021 Surimeau DDH Batch 20

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
46451 (2322203)	<1	2.75	<5	<20	3.9	<5	0.2	7.03	<0.2	1.7	89.3	0.211	<0.1	63
46452 (2322204)	<1	0.06	<5	<20	27.2	<5	<0.1	37.8	<0.2	0.8	0.6	<0.005	<0.1	<5
46453 (2322205)	<1	3.19	<5	<20	3.0	<5	0.1	6.02	<0.2	1.3	92.5	0.220	0.4	37
46454 (2322206)	<1	4.26	<5	<20	3.5	<5	0.3	6.87	<0.2	1.9	114	0.361	<0.1	31
46455 (2322207)	<1	3.58	<5	<20	3.7	<5	0.2	7.77	<0.2	2.0	96.7	0.231	<0.1	28
46456 (2322208)	3	5.07	<5	<20	151	<5	0.7	8.28	<0.2	3.3	143	0.361	3.4	71
46457 (2322209)	<1	3.22	<5	<20	4.3	<5	0.3	5.61	<0.2	1.2	93.2	0.229	0.1	41
46458 (2322210)	6	4.18	<5	<20	61.6	<5	0.3	4.77	<0.2	1.3	87.6	0.242	2.3	63
46459 (2322211)	1	3.10	<5	<20	9.4	<5	0.4	5.96	<0.2	2.2	95.4	0.226	0.4	54
46460 (2322212)	<1	4.14	<5	<20	92.7	<5	0.5	4.27	<0.2	4.9	97.7	0.243	3.6	75
46461 (2322213)	<1	3.55	<5	<20	104	<5	0.5	4.33	<0.2	1.4	101	0.259	5.3	96
46462 C-DUP (2322214)	<1	3.44	<5	<20	95.6	<5	0.6	4.35	<0.2	1.4	101	0.257	4.5	94
46463 (2322215)	<1	3.67	<5	<20	370	<5	0.5	5.11	<0.2	2.4	98.7	0.248	15.3	117
46464 (2322216)	1	7.00	<5	<20	990	<5	0.2	6.83	0.3	53.0	45.3	0.038	4.0	127
46465 (2322217)	<1	6.77	<5	<20	961	<5	0.5	7.04	<0.2	51.7	46.0	0.045	2.8	126
46466 (2322218)	<1	7.10	<5	<20	1180	<5	0.9	5.16	3.2	73.6	58.4	0.072	6.5	284
46467 (2322219)	3	7.25	<5	<20	772	<5	9.0	5.49	3.2	61.9	54.9	0.027	1.0	327
46468 (2322220)	<1	6.88	<5	<20	530	<5	0.3	5.23	0.9	62.4	39.6	0.073	0.6	221
46469 (2322221)	<1	9.00	<5	<20	727	<5	0.5	3.35	1.4	57.8	58.4	0.087	1.7	261
46470 (2322222)	<1	9.95	<5	<20	1210	<5	0.4	2.66	<0.2	68.2	32.9	0.029	1.7	62
46471 (2322223)	<1	9.90	<5	20	563	<5	0.2	1.45	1.7	67.6	30.3	0.030	5.5	66
46472 (2322224)	<1	0.05	<5	<20	30.5	<5	<0.1	35.7	<0.2	0.9	0.5	<0.005	<0.1	<5
46473 (2322225)	<1	9.52	<5	<20	538	<5	0.3	1.58	0.2	57.5	26.2	0.026	4.3	60
46474 (2322226)	<1	9.81	<5	33	651	<5	0.2	1.06	0.2	62.5	29.3	0.029	5.8	58
46475 (2322227)	<1	9.56	<5	<20	476	<5	0.2	1.76	<0.2	56.1	26.3	0.029	5.0	61
46476 (2322228)	<1	9.92	<5	25	685	<5	0.1	1.01	<0.2	67.1	29.6	0.030	7.2	57
46477 (2322229)	<1	9.91	<5	23	555	<5	0.6	1.24	<0.2	65.6	32.8	0.031	6.0	77
46478 (2322230)	<1	8.55	<5	<20	333	<5	0.9	1.57	0.6	59.3	27.2	0.026	3.6	82
46479 (2322231)	<1	8.60	<5	<20	443	<5	0.3	1.58	0.2	50.7	23.4	0.027	4.4	54
46480 (2322232)	<1	8.80	<5	<20	645	<5	0.5	1.38	1.3	62.4	39.6	0.023	4.3	120
46481 (2322233)	<1	9.22	<5	<20	831	<5	0.2	1.19	<0.2	59.8	26.5	0.026	5.4	94
46482 (2322234)	<1	8.42	<5	<20	645	<5	0.1	1.21	<0.2	69.0	21.5	0.025	6.0	45

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731154

PROJECT: 2021 Surimeau DDH Batch 20

CLIENT NAME: MISC AGAT CLIENT QC

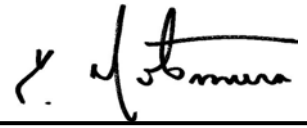
ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
46483 (2322235)	<1	8.35	<5	<20	1270	<5	0.1	2.51	0.3	78.6	26.9	0.044	5.8	33
46484 (2322236)	<1	7.84	<5	<20	879	<5	<0.1	2.01	0.2	58.3	24.4	0.036	4.2	49
46485 (2322237)	<1	8.22	<5	22	1060	<5	<0.1	1.34	<0.2	59.7	26.8	0.033	7.1	47
46486 (2322238)	<1	8.85	<5	20	745	<5	0.4	1.28	<0.2	66.8	29.6	0.030	6.3	72
46487 (2322239)	<1	8.80	<5	33	649	<5	0.2	1.30	<0.2	59.5	24.1	0.026	4.9	44
46488 (2322240)	<1	8.94	<5	<20	716	<5	0.4	1.07	<0.2	58.9	23.5	0.026	4.8	52
46489 (2322241)	<1	8.21	<5	<20	650	<5	0.2	1.32	<0.2	55.6	21.8	0.026	4.2	54
46490 (2322242)	1	8.25	<5	<20	697	<5	0.2	1.29	<0.2	55.3	25.2	0.027	6.4	41
46491 (2322243)	<1	8.28	<5	<20	736	<5	0.2	1.52	<0.2	60.7	25.5	0.026	5.1	55
46492 (2322244)	<1	8.56	<5	<20	717	<5	0.1	1.48	<0.2	57.9	24.1	0.028	4.2	54
46493 (2322245)	<1	8.22	<5	<20	908	<5	<0.1	1.48	0.2	64.2	23.6	0.026	3.7	50
46494 (2322246)	<1	8.24	<5	<20	659	<5	<0.1	1.44	<0.2	64.7	21.7	0.026	3.1	70
46495 C-DUP (2322247)	<1	8.37	<5	<20	660	<5	<0.1	1.45	<0.2	70.5	21.5	0.026	3.6	61
46496 (2322248)	<1	10.3	<5	<20	453	<5	<0.1	1.92	<0.2	60.7	6.5	0.011	0.2	50
46497 (2322249)	<1	8.05	<5	<20	1100	<5	0.1	5.02	0.2	93.8	26.6	0.014	0.8	118
46498 (2322250)	<1	7.70	<5	<20	653	<5	<0.1	4.87	<0.2	85.6	31.8	0.014	0.1	128
46499 (2322251)	<1	8.81	<5	<20	776	<5	<0.1	2.16	<0.2	66.7	8.5	0.010	<0.1	64
46500 (2322252)	<1	9.10	<5	<20	1860	<5	<0.1	0.99	<0.2	57.0	25.2	0.025	5.8	51

Certified By:



AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731154

PROJECT: 2021 Surimeau DDH Batch 20

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
46451 (2322203)	1.23	0.87	<0.05	6.84	6.12	1.12	2	<1	0.30	<0.2	<0.05	0.6	<10	0.12
46452 (2322204)	0.23	0.19	<0.05	0.15	0.17	0.19	2	<1	<0.05	<0.2	<0.05	1.2	<10	<0.05
46453 (2322205)	1.13	0.81	<0.05	7.13	7.08	1.02	3	<1	0.28	<0.2	<0.05	0.5	<10	0.17
46454 (2322206)	1.71	0.87	0.26	8.06	8.40	1.25	2	<1	0.37	<0.2	<0.05	0.8	<10	0.15
46455 (2322207)	1.43	0.84	0.26	7.67	7.23	1.15	<1	<1	0.31	<0.2	<0.05	0.6	<10	0.16
46456 (2322208)	2.41	1.54	0.41	9.25	9.18	1.93	2	<1	0.55	<0.2	0.56	1.6	22	0.26
46457 (2322209)	1.21	0.59	0.09	6.76	8.00	0.87	3	<1	0.23	<0.2	<0.05	0.4	<10	0.12
46458 (2322210)	1.43	0.84	0.14	7.81	9.45	0.95	4	<1	0.26	<0.2	0.35	0.5	<10	0.16
46459 (2322211)	1.46	0.82	0.23	7.12	6.87	0.94	2	<1	0.28	<0.2	0.05	0.8	<10	0.08
46460 (2322212)	1.38	1.02	0.13	7.92	9.07	1.34	3	<1	0.33	<0.2	0.57	1.9	14	0.09
46461 (2322213)	1.33	0.87	0.15	7.59	8.61	0.91	5	<1	0.28	<0.2	0.61	0.4	13	0.12
46462 C-DUP (2322214)	1.34	0.95	0.11	7.70	8.65	1.02	2	<1	0.29	<0.2	0.57	0.6	12	0.14
46463 (2322215)	1.73	1.12	0.34	8.39	11.3	1.27	3	<1	0.33	0.3	2.06	0.9	51	0.17
46464 (2322216)	3.84	2.08	1.42	8.09	14.7	5.23	3	2	0.76	<0.2	1.13	25.2	36	0.32
46465 (2322217)	3.55	2.13	1.43	8.04	14.1	5.08	3	3	0.70	0.3	1.01	25.0	31	0.32
46466 (2322218)	3.98	2.06	1.70	8.17	17.4	5.71	<1	3	0.77	0.5	2.08	36.1	51	0.26
46467 (2322219)	4.28	2.61	1.74	7.45	16.0	5.68	<1	3	0.85	0.7	0.81	29.1	22	0.38
46468 (2322220)	2.89	1.55	1.64	5.54	15.2	4.38	3	3	0.48	<0.2	0.48	29.6	17	0.10
46469 (2322221)	3.36	1.94	1.28	6.03	20.8	4.08	1	3	0.73	0.2	1.05	27.8	23	0.26
46470 (2322222)	3.39	1.87	1.07	5.94	23.1	5.08	2	3	0.66	<0.2	3.21	34.4	34	0.22
46471 (2322223)	3.56	2.06	1.29	5.42	23.0	4.82	3	4	0.67	<0.2	2.90	32.2	66	0.31
46472 (2322224)	0.25	0.11	<0.05	0.10	0.19	0.22	2	<1	0.06	<0.2	<0.05	1.1	<10	<0.05
46473 (2322225)	3.10	1.67	1.19	4.95	19.3	4.24	2	4	0.56	<0.2	2.53	27.5	59	0.18
46474 (2322226)	3.21	1.73	1.36	5.09	22.7	4.23	2	4	0.54	<0.2	2.77	31.7	62	0.21
46475 (2322227)	3.09	1.46	1.48	4.75	19.8	4.08	2	4	0.63	<0.2	2.29	28.5	44	0.22
46476 (2322228)	3.52	1.68	1.39	5.26	21.8	4.78	1	4	0.61	<0.2	2.99	34.1	66	0.29
46477 (2322229)	3.27	1.95	1.32	5.80	21.8	4.67	3	4	0.62	<0.2	2.59	31.5	62	0.28
46478 (2322230)	2.52	1.27	1.11	4.71	16.1	3.82	2	4	0.45	<0.2	1.89	29.9	42	0.16
46479 (2322231)	2.45	1.51	1.11	4.13	17.8	3.35	1	4	0.48	<0.2	1.97	25.0	48	0.21
46480 (2322232)	2.90	1.52	1.23	4.33	18.9	3.92	3	4	0.56	<0.2	2.15	31.3	35	0.20
46481 (2322233)	2.85	1.64	1.00	4.29	21.0	4.02	2	4	0.53	<0.2	2.91	29.1	44	0.20
46482 (2322234)	3.08	1.83	1.36	3.86	18.8	4.51	2	4	0.66	<0.2	2.33	33.2	42	0.26

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731154

PROJECT: 2021 Surimeau DDH Batch 20

CLIENT NAME: MISC AGAT CLIENT QC

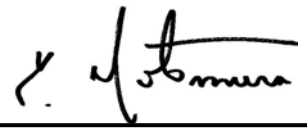
ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
46483 (2322235)	3.64	1.84	1.11	5.05	18.0	5.44	3	4	0.65	<0.2	2.92	37.5	47	0.26
46484 (2322236)	2.71	1.18	1.00	4.10	16.7	3.85	2	3	0.51	<0.2	1.47	29.7	34	0.20
46485 (2322237)	2.64	1.20	1.05	4.62	18.3	4.09	2	3	0.50	<0.2	2.60	30.0	48	0.21
46486 (2322238)	3.28	1.83	1.21	4.69	20.8	4.25	3	4	0.56	<0.2	2.35	33.8	50	0.24
46487 (2322239)	2.73	1.32	1.20	4.27	20.8	3.89	3	4	0.49	<0.2	2.19	29.1	42	0.12
46488 (2322240)	2.46	1.46	1.08	4.22	20.5	3.88	1	4	0.56	<0.2	2.36	28.7	37	0.24
46489 (2322241)	2.66	1.79	1.12	3.71	17.9	3.79	3	4	0.53	<0.2	1.81	28.0	34	0.23
46490 (2322242)	2.63	1.38	1.02	4.40	19.5	3.80	2	4	0.43	<0.2	2.31	28.1	46	0.24
46491 (2322243)	3.15	1.47	1.05	4.47	19.1	4.15	1	3	0.52	<0.2	2.16	30.3	41	0.23
46492 (2322244)	2.67	1.23	1.05	4.37	18.1	3.79	2	4	0.44	<0.2	2.27	28.8	40	0.19
46493 (2322245)	2.66	1.40	1.17	4.24	18.4	4.02	2	4	0.48	<0.2	2.13	32.4	36	0.18
46494 (2322246)	2.52	1.42	1.18	4.04	18.7	4.13	3	5	0.54	<0.2	1.46	32.7	28	0.19
46495 C-DUP (2322247)	2.69	1.40	1.40	4.13	18.3	4.37	1	4	0.51	<0.2	1.58	36.0	29	0.19
46496 (2322248)	1.49	0.66	1.05	1.73	21.1	3.47	2	4	0.28	<0.2	0.48	29.1	<10	<0.05
46497 (2322249)	4.26	1.77	2.06	5.86	19.4	6.84	2	4	0.75	<0.2	0.84	47.1	15	0.23
46498 (2322250)	4.42	2.18	2.39	5.75	18.2	6.82	2	4	0.78	<0.2	0.30	40.0	<10	0.23
46499 (2322251)	1.62	0.80	1.20	2.17	20.1	3.62	2	4	0.28	<0.2	0.23	31.3	<10	0.12
46500 (2322252)	3.02	1.43	0.85	4.54	20.7	3.80	1	3	0.58	<0.2	3.41	27.8	40	0.24

Certified By:



AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731154

PROJECT: 2021 Surimeau DDH Batch 20

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
46451 (2322203)	13.6	1190	<2	<1	1.9	1170	0.01	<5	0.25	0.6	0.31	<0.1	22	21.4
46452 (2322204)	1.84	105	<2	<1	0.6	<5	<0.01	<5	0.14	<0.2	0.55	<0.1	<5	5.72
46453 (2322205)	14.7	1150	<2	<1	1.3	1260	0.01	<5	0.31	0.5	0.26	<0.1	23	21.9
46454 (2322206)	15.2	1620	<2	<1	2.1	1570	0.01	<5	0.29	<0.2	0.29	<0.1	38	19.1
46455 (2322207)	12.7	1910	<2	<1	1.8	1150	0.01	<5	0.32	<0.2	0.28	<0.1	25	21.1
46456 (2322208)	10.4	2600	<2	<1	3.2	1880	<0.01	9	0.53	20.6	0.71	<0.1	36	17.2
46457 (2322209)	13.7	1280	<2	<1	1.1	1350	<0.01	<5	0.14	0.7	0.55	<0.1	23	22.4
46458 (2322210)	14.3	1180	<2	<1	1.4	1030	<0.01	<5	0.23	14.2	0.94	<0.1	26	22.1
46459 (2322211)	13.3	1290	<2	<1	1.6	1390	<0.01	<5	0.38	0.8	1.22	<0.1	22	23.2
46460 (2322212)	13.6	1150	<2	<1	3.0	1190	0.02	<5	0.71	24.6	1.61	<0.1	28	20.7
46461 (2322213)	15.3	1220	<2	<1	1.7	1510	<0.01	<5	0.29	29.8	1.37	<0.1	26	22.4
46462 C-DUP (2322214)	15.0	1180	<2	<1	1.5	1440	<0.01	<5	0.25	26.8	1.35	<0.1	26	22.6
46463 (2322215)	12.1	1550	91	<1	2.8	1300	<0.01	9	0.43	91.5	0.99	<0.1	27	23.7
46464 (2322216)	4.75	1510	88	4	28.7	93	0.12	35	7.10	57.6	1.07	<0.1	37	24.9
46465 (2322217)	5.01	1490	135	4	26.7	101	0.13	32	6.80	46.5	1.10	<0.1	40	25.0
46466 (2322218)	5.01	1260	52	5	34.6	217	0.15	47	8.70	98.4	2.22	<0.1	29	24.3
46467 (2322219)	3.19	1140	166	5	32.6	129	0.12	477	7.84	30.1	3.30	<0.1	31	24.9
46468 (2322220)	4.66	979	41	4	32.0	184	0.12	28	8.15	17.5	1.87	<0.1	21	27.4
46469 (2322221)	1.90	608	10	7	26.0	402	0.04	25	7.47	41.8	2.59	<0.1	25	27.9
46470 (2322222)	1.87	587	2	7	32.2	131	0.06	14	8.61	120	3.01	<0.1	25	27.6
46471 (2322223)	2.43	664	2	7	32.1	125	0.07	16	8.69	125	0.81	<0.1	24	28.7
46472 (2322224)	1.60	93	<2	<1	1.3	<5	<0.01	<5	0.25	<0.2	0.54	<0.1	<5	4.57
46473 (2322225)	2.26	676	2	6	28.4	97	0.07	15	7.73	97.5	0.49	<0.1	18	31.8
46474 (2322226)	2.32	595	<2	7	27.9	119	0.07	14	7.57	114	0.50	<0.1	21	29.5
46475 (2322227)	2.22	657	3	8	27.1	108	0.07	18	7.10	92.2	1.24	<0.1	20	29.6
46476 (2322228)	2.22	629	6	7	31.4	125	0.06	14	8.05	114	0.49	<0.1	24	27.5
46477 (2322229)	2.18	573	2	8	29.3	123	0.07	16	8.31	108	0.80	<0.1	21	29.2
46478 (2322230)	1.58	402	3	7	26.7	101	0.06	22	7.36	78.5	1.07	<0.1	15	31.4
46479 (2322231)	1.68	627	<2	6	21.9	84	0.05	18	6.40	94.0	0.50	<0.1	15	30.4
46480 (2322232)	1.47	463	124	7	28.0	127	0.07	27	8.03	81.8	1.68	<0.1	17	31.0
46481 (2322233)	1.80	549	<2	7	27.7	100	0.06	22	7.23	122	0.87	<0.1	19	30.2
46482 (2322234)	1.88	545	<2	8	30.7	87	0.05	14	8.06	96.3	0.17	<0.1	16	30.7

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731154

PROJECT: 2021 Surimeau DDH Batch 20

CLIENT NAME: MISC AGAT CLIENT QC

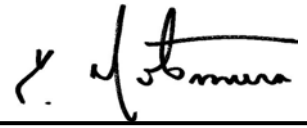
ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
46483 (2322235)	3.68	847	<2	7	35.2	97	0.10	9	9.84	102	0.15	<0.1	22	31.2
46484 (2322236)	2.49	608	<2	5	26.5	90	0.06	10	7.12	60.1	0.23	<0.1	17	29.9
46485 (2322237)	2.22	582	<2	6	25.8	91	0.08	10	7.18	101	0.18	<0.1	18	30.6
46486 (2322238)	1.95	651	3	7	31.0	119	0.02	13	8.24	91.4	0.27	<0.1	18	31.0
46487 (2322239)	1.71	537	<2	7	26.5	92	0.06	16	7.29	84.1	0.22	<0.1	17	31.0
46488 (2322240)	1.75	506	<2	7	26.2	93	0.06	17	7.31	87.9	0.19	<0.1	16	31.3
46489 (2322241)	1.60	573	<2	6	26.9	77	0.03	15	7.22	69.4	0.21	<0.1	14	31.7
46490 (2322242)	2.10	555	5	6	25.2	92	0.06	13	6.77	96.0	0.17	<0.1	17	29.0
46491 (2322243)	1.99	656	<2	6	27.6	91	0.08	16	7.76	82.8	0.28	<0.1	17	30.0
46492 (2322244)	1.92	580	<2	6	27.4	93	0.06	16	7.24	85.7	0.27	<0.1	15	31.9
46493 (2322245)	1.79	607	<2	6	27.8	81	0.07	11	8.08	73.3	0.25	<0.1	15	31.1
46494 (2322246)	1.53	603	<2	6	29.3	78	0.05	12	7.58	57.9	0.43	<0.1	14	31.5
46495 C-DUP (2322247)	1.50	595	<2	6	31.9	75	0.05	12	8.54	61.5	0.38	<0.1	14	32.1
46496 (2322248)	0.80	310	<2	5	28.8	12	0.10	12	7.72	13.7	0.32	<0.1	<5	32.1
46497 (2322249)	2.85	980	<2	7	45.6	31	0.19	20	12.2	26.5	1.59	<0.1	21	26.5
46498 (2322250)	3.11	989	<2	8	43.9	28	0.19	17	10.7	6.3	1.17	<0.1	22	28.0
46499 (2322251)	0.96	333	<2	4	31.5	17	0.08	15	8.58	2.1	0.47	<0.1	6	32.5
46500 (2322252)	1.64	587	9	6	27.7	98	0.07	16	7.12	121	0.22	<0.1	18	29.3

Certified By:



AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731154

PROJECT: 2021 Surimeau DDH Batch 20

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
46451 (2322203)	0.8	<1	71.2	<0.5	0.20	<0.1	0.16	<0.5	0.13	<0.05	101	<1	7.3	0.8
46452 (2322204)	0.1	<1	77.4	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.11	<5	<1	2.3	0.1
46453 (2322205)	0.5	<1	48.9	<0.5	0.18	<0.1	0.18	<0.5	0.16	<0.05	105	<1	6.9	0.8
46454 (2322206)	0.9	<1	108	<0.5	0.23	<0.1	0.25	<0.5	0.15	<0.05	191	<1	8.8	1.0
46455 (2322207)	0.8	<1	114	<0.5	0.21	<0.1	0.19	<0.5	0.09	<0.05	115	<1	8.3	0.9
46456 (2322208)	1.3	1	222	<0.5	0.36	0.1	0.29	<0.5	0.29	<0.05	178	<1	13.1	1.4
46457 (2322209)	0.4	<1	24.0	<0.5	0.17	<0.1	0.17	<0.5	0.12	<0.05	98	<1	6.8	0.7
46458 (2322210)	0.7	<1	24.6	<0.5	0.19	<0.1	0.23	<0.5	0.11	<0.05	121	<1	7.3	0.9
46459 (2322211)	0.5	<1	28.9	<0.5	0.17	<0.1	0.18	<0.5	0.10	<0.05	103	<1	7.8	0.7
46460 (2322212)	0.8	<1	23.3	<0.5	0.23	0.4	0.26	<0.5	0.13	0.11	143	<1	8.2	0.9
46461 (2322213)	0.5	<1	20.7	<0.5	0.18	<0.1	0.20	<0.5	0.10	0.06	125	<1	6.4	0.8
46462 C-DUP (2322214)	0.6	<1	20.0	<0.5	0.18	<0.1	0.20	<0.5	0.13	0.07	120	<1	7.6	0.8
46463 (2322215)	0.6	2	37.2	<0.5	0.24	0.3	0.20	1.3	0.15	0.30	176	<1	9.3	1.1
46464 (2322216)	5.9	3	814	<0.5	0.72	5.2	0.50	1.1	0.31	1.35	230	<1	19.7	1.9
46465 (2322217)	6.6	3	771	<0.5	0.71	5.0	0.49	1.0	0.38	1.24	243	<1	20.6	1.9
46466 (2322218)	6.7	5	769	<0.5	0.75	6.1	0.46	2.2	0.29	1.93	194	<1	18.2	1.8
46467 (2322219)	6.6	6	673	<0.5	0.79	6.6	0.43	0.6	0.34	2.43	167	<1	22.5	2.4
46468 (2322220)	4.3	6	754	<0.5	0.55	4.4	0.41	<0.5	0.20	1.26	153	<1	13.5	1.2
46469 (2322221)	5.5	3	373	0.5	0.61	7.3	0.39	0.9	0.29	2.44	135	<1	17.0	1.7
46470 (2322222)	5.3	2	171	0.5	0.70	7.8	0.44	2.0	0.26	2.08	159	1	17.5	1.6
46471 (2322223)	5.4	1	233	0.6	0.68	8.3	0.43	1.6	0.31	2.28	152	<1	18.1	2.0
46472 (2322224)	0.2	<1	75.4	<0.5	<0.05	0.1	<0.01	<0.5	<0.05	0.13	<5	<1	1.8	0.1
46473 (2322225)	5.1	1	245	<0.5	0.56	7.2	0.40	1.0	0.23	2.25	121	<1	15.2	1.4
46474 (2322226)	5.6	1	171	<0.5	0.60	8.1	0.41	1.3	0.24	2.41	144	<1	16.3	1.5
46475 (2322227)	4.0	2	261	0.5	0.57	7.7	0.41	1.3	0.22	2.28	129	2	14.5	1.6
46476 (2322228)	4.8	2	186	0.5	0.67	8.1	0.43	1.0	0.27	2.41	160	<1	18.2	1.6
46477 (2322229)	5.5	2	217	<0.5	0.66	8.0	0.42	0.9	0.24	2.29	138	<1	17.1	1.6
46478 (2322230)	4.3	5	273	<0.5	0.52	8.3	0.35	0.7	0.17	2.34	98	1	13.6	1.4
46479 (2322231)	4.0	1	258	<0.5	0.47	7.7	0.35	0.7	0.18	2.21	98	<1	13.2	1.3
46480 (2322232)	4.4	2	274	0.5	0.55	8.2	0.35	0.8	0.25	2.45	117	1	14.8	1.7
46481 (2322233)	4.6	3	249	0.5	0.54	8.1	0.39	1.0	0.22	2.30	127	1	15.4	1.6
46482 (2322234)	5.1	2	260	0.6	0.64	10.3	0.32	0.6	0.27	2.89	102	<1	18.7	1.9

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731154

PROJECT: 2021 Surimeau DDH Batch 20

CLIENT NAME: MISC AGAT CLIENT QC

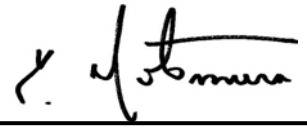
ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
46483 (2322235)	5.8	1	361	<0.5	0.74	10.7	0.38	0.7	0.30	2.76	130	<1	18.9	1.8
46484 (2322236)	4.1	<1	457	<0.5	0.50	6.8	0.34	<0.5	0.20	2.03	110	<1	13.9	1.2
46485 (2322237)	4.6	1	333	0.5	0.52	6.8	0.39	0.6	0.16	2.14	123	<1	13.4	1.4
46486 (2322238)	5.5	<1	315	0.5	0.60	8.4	0.40	0.5	0.28	2.54	117	<1	17.3	1.6
46487 (2322239)	4.9	<1	283	<0.5	0.53	7.6	0.37	0.5	0.21	2.44	111	<1	14.9	1.4
46488 (2322240)	4.0	<1	268	<0.5	0.54	7.6	0.36	0.5	0.22	2.34	109	4	14.2	1.5
46489 (2322241)	4.0	<1	349	<0.5	0.51	7.6	0.32	<0.5	0.17	2.26	89	<1	15.3	1.4
46490 (2322242)	4.0	<1	313	<0.5	0.51	7.3	0.36	0.6	0.21	2.34	114	<1	14.1	1.4
46491 (2322243)	4.8	<1	339	<0.5	0.56	8.0	0.38	<0.5	0.21	2.35	118	<1	14.2	1.5
46492 (2322244)	4.2	<1	352	<0.5	0.52	7.9	0.37	<0.5	0.19	2.41	107	<1	14.2	1.3
46493 (2322245)	4.6	<1	339	<0.5	0.54	8.2	0.35	<0.5	0.22	2.53	106	<1	14.3	1.3
46494 (2322246)	5.4	1	422	<0.5	0.56	8.7	0.34	<0.5	0.19	2.78	91	<1	14.6	1.3
46495 C-DUP (2322247)	5.2	<1	398	<0.5	0.57	8.8	0.35	<0.5	0.19	2.77	91	<1	14.4	1.4
46496 (2322248)	4.8	<1	1260	<0.5	0.39	5.2	0.23	<0.5	0.09	2.47	34	<1	7.7	0.4
46497 (2322249)	7.9	4	1270	<0.5	0.86	7.3	0.52	<0.5	0.26	2.46	144	<1	18.1	1.5
46498 (2322250)	8.4	4	1260	<0.5	0.90	6.3	0.52	<0.5	0.23	2.63	148	<1	20.4	1.5
46499 (2322251)	4.8	<1	1420	<0.5	0.40	5.5	0.25	<0.5	0.09	2.37	41	<1	7.7	0.5
46500 (2322252)	4.8	1	235	<0.5	0.54	7.6	0.37	0.8	0.23	2.06	121	<1	14.3	1.4

Certified By:



AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731154

PROJECT: 2021 Surimeau DDH Batch 20

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
46451 (2322203)	48	13.3
46452 (2322204)	8	1.3
46453 (2322205)	50	16.2
46454 (2322206)	66	19.1
46455 (2322207)	60	17.0
46456 (2322208)	96	24.7
46457 (2322209)	60	15.0
46458 (2322210)	91	16.5
46459 (2322211)	64	14.9
46460 (2322212)	84	26.4
46461 (2322213)	131	14.9
46462 C-DUP (2322214)	130	16.9
46463 (2322215)	480	20.0
46464 (2322216)	276	94.6
46465 (2322217)	347	88.7
46466 (2322218)	1640	109
46467 (2322219)	1830	115
46468 (2322220)	513	101
46469 (2322221)	745	120
46470 (2322222)	89	120
46471 (2322223)	305	132
46472 (2322224)	7	3.1
46473 (2322225)	177	135
46474 (2322226)	134	133
46475 (2322227)	116	146
46476 (2322228)	120	125
46477 (2322229)	231	131
46478 (2322230)	279	152
46479 (2322231)	202	137
46480 (2322232)	730	149
46481 (2322233)	200	130
46482 (2322234)	85	161

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731154

PROJECT: 2021 Surimeau DDH Batch 20

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
46483 (2322235)	114	157
46484 (2322236)	99	131
46485 (2322237)	96	126
46486 (2322238)	88	145
46487 (2322239)	85	149
46488 (2322240)	78	146
46489 (2322241)	81	138
46490 (2322242)	75	133
46491 (2322243)	98	129
46492 (2322244)	94	147
46493 (2322245)	116	159
46494 (2322246)	136	158
46495 C-DUP (2322247)	134	162
46496 (2322248)	53	138
46497 (2322249)	169	146
46498 (2322250)	160	151
46499 (2322251)	72	148
46500 (2322252)	94	118

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731154

PROJECT: 2021 Surimeau DDH Batch 20

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

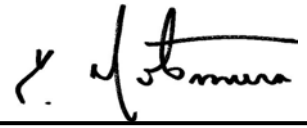
DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
46451 (2322203)		80.99
46470 (2322222)		80.88
46490 (2322242)		82.54

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:



AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731154

PROJECT: 2021 Surimeau DDH Batch 20

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

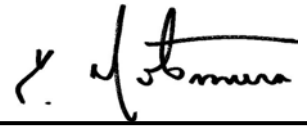
DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 17, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
46451 (2322203)	86.96
46471 (2322223)	87.50
46491 (2322243)	86.67

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:



5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2322203	< 1	< 1	0.0%	2322217	< 1	< 1	0.0%	2322228	< 1	< 1	0.0%	2322243	< 1	< 1	0.0%
Al	2322203	2.75	3.11	12.3%	2322217	6.77	7.05	4.1%	2322228	9.92	9.64	2.9%	2322243	8.28	8.47	2.3%
As	2322203	< 5	< 5	0.0%	2322217	< 5	< 5	0.0%	2322228	< 5	< 5	0.0%	2322243	< 5	< 5	0.0%
B	2322203	< 20	< 20	0.0%	2322217	< 20	< 20	0.0%	2322228	25	22	12.8%	2322243	< 20	< 20	0.0%
Ba	2322203	3.9	3.4	13.7%	2322217	961	947	1.5%	2322228	685	709	3.4%	2322243	736	713	3.2%
Be	2322203	< 5	< 5	0.0%	2322217	< 5	< 5	0.0%	2322228	< 5	< 5	0.0%	2322243	< 5	< 5	0.0%
Bi	2322203	0.16	0.15	6.5%	2322217	0.51	0.55	7.5%	2322228	0.1	0.1	0.0%	2322243	0.2	0.3	
Ca	2322203	7.03	8.03	13.3%	2322217	7.04	7.15	1.6%	2322228	1.01	0.993	1.7%	2322243	1.52	1.58	3.9%
Cd	2322203	< 0.2	< 0.2	0.0%	2322217	< 0.2	0.5		2322228	< 0.2	0.2		2322243	< 0.2	< 0.2	0.0%
Ce	2322203	1.66	1.64	1.2%	2322217	51.7	54.6	5.5%	2322228	67.1	68.3	1.8%	2322243	60.7	60.5	0.3%
Co	2322203	89.3	87.2	2.4%	2322217	46.0	45.7	0.7%	2322228	29.6	30.7	3.6%	2322243	25.5	25.5	0.0%
Cr	2322203	0.211	0.240	12.9%	2322217	0.045	0.045	0.0%	2322228	0.030	0.031	3.3%	2322243	0.0264	0.0255	3.5%
Cs	2322203	< 0.1	0.2		2322217	2.84	3.27	14.1%	2322228	7.20	6.71	7.0%	2322243	5.12	4.77	7.1%
Cu	2322203	63	68	7.6%	2322217	126	126	0.0%	2322228	57	60	5.1%	2322243	55	54	1.8%
Dy	2322203	1.23	1.35	9.3%	2322217	3.55	3.89	9.1%	2322228	3.52	3.48	1.1%	2322243	3.15	2.89	8.6%
Er	2322203	0.875	0.924	5.4%	2322217	2.13	2.31	8.1%	2322228	1.68	1.89	11.8%	2322243	1.47	1.62	9.7%
Eu	2322203	< 0.05	< 0.05	0.0%	2322217	1.43	1.48	3.4%	2322228	1.39	1.22	13.0%	2322243	1.05	1.12	6.5%
Fe	2322203	6.84	7.41	8.0%	2322217	8.04	8.23	2.3%	2322228	5.26	5.18	1.5%	2322243	4.47	4.56	2.0%
Ga	2322203	6.12	5.82	5.0%	2322217	14.1	14.1	0.0%	2322228	21.8	23.0	5.4%	2322243	19.1	19.4	1.6%
Gd	2322203	1.12	1.05	6.5%	2322217	5.08	5.19	2.1%	2322228	4.78	4.89	2.3%	2322243	4.15	3.94	5.2%
Ge	2322203	2	2	0.0%	2322217	3	2		2322228	1	2		2322243	1	2	
Hf	2322203	< 1	< 1	0.0%	2322217	3	2		2322228	4	4	0.0%	2322243	3	4	28.6%
Ho	2322203	0.30	0.28	6.9%	2322217	0.697	0.725	3.9%	2322228	0.61	0.62	1.6%	2322243	0.52	0.48	8.0%
In	2322203	< 0.2	< 0.2	0.0%	2322217	0.3	< 0.2		2322228	< 0.2	< 0.2	0.0%	2322243	< 0.2	< 0.2	0.0%
K	2322203	< 0.05	< 0.05	0.0%	2322217	1.01	1.05	3.9%	2322228	2.99	2.88	3.7%	2322243	2.16	2.19	1.4%
La	2322203	0.64	0.69	7.5%	2322217	25.0	25.6	2.4%	2322228	34.1	33.2	2.7%	2322243	30.3	29.6	2.3%
Li	2322203	< 10	< 10	0.0%	2322217	31	34	9.2%	2322228	66	64	3.1%	2322243	41	41	0.0%
Lu	2322203	0.12	0.12	0.0%	2322217	0.32	0.30	6.5%	2322228	0.295	0.308	4.3%	2322243	0.225	0.206	8.8%
Mg	2322203	13.6	14.7	7.8%	2322217	5.01	4.87	2.8%	2322228	2.22	2.36	6.1%	2322243	1.99	2.03	2.0%
Mn	2322203	1190	1330	11.1%	2322217	1490	1700	13.2%	2322228	629	622	1.1%	2322243	656	653	0.5%
Mo	2322203	< 2	< 2	0.0%	2322217	135	142	5.1%	2322228	6	7	15.4%	2322243	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2322203	< 1	< 1	0.0%	2322217	4	4	0.0%	2322228	7	7	0.0%	2322243	6	6	0.0%
Nd	2322203	1.86	1.77	5.0%	2322217	26.7	27.9	4.4%	2322228	31.4	32.1	2.2%	2322243	27.6	27.6	0.0%
Ni	2322203	1170	1240	5.8%	2322217	101	98	3.0%	2322228	125	133	6.2%	2322243	91	86	5.6%
P	2322203	0.01	< 0.01		2322217	0.13	0.13	0.0%	2322228	0.06	0.06	0.0%	2322243	0.08	0.08	0.0%
Pb	2322203	< 5	< 5	0.0%	2322217	32	32	0.0%	2322228	14	14	0.0%	2322243	16	17	6.1%
Pr	2322203	0.25	0.31		2322217	6.80	6.68	1.8%	2322228	8.05	8.55	6.0%	2322243	7.76	6.94	11.2%
Rb	2322203	0.6	0.5	18.2%	2322217	46.5	51.3	9.8%	2322228	114	116	1.7%	2322243	82.8	83.0	0.2%
S	2322203	0.313	0.345	9.7%	2322217	1.10	1.08	1.8%	2322228	0.495	0.511	3.2%	2322243	0.28	0.28	0.0%
Sb	2322203	< 0.1	< 0.1	0.0%	2322217	< 0.1	< 0.1	0.0%	2322228	< 0.1	< 0.1	0.0%	2322243	< 0.1	< 0.1	0.0%
Sc	2322203	22	24	8.7%	2322217	40	40	0.0%	2322228	24	25	4.1%	2322243	17	17	0.0%
Si	2322203	21.4	22.9	6.8%	2322217	25.0	25.7	2.8%	2322228	27.5	26.7	3.0%	2322243	30.0	30.7	2.3%
Sm	2322203	0.8	0.6		2322217	6.6	5.8	12.9%	2322228	4.8	5.4	11.8%	2322243	4.8	4.7	2.1%
Sn	2322203	< 1	< 1	0.0%	2322217	3	3	0.0%	2322228	2	1		2322243	< 1	< 1	0.0%
Sr	2322203	71.2	77.4	8.3%	2322217	771	807	4.6%	2322228	186	180	3.3%	2322243	339	348	2.6%
Ta	2322203	< 0.5	< 0.5	0.0%	2322217	< 0.5	< 0.5	0.0%	2322228	0.5	0.5	0.0%	2322243	< 0.5	< 0.5	0.0%
Tb	2322203	0.197	0.184	6.8%	2322217	0.711	0.729	2.5%	2322228	0.669	0.707	5.5%	2322243	0.56	0.54	3.6%
Th	2322203	< 0.1	< 0.1	0.0%	2322217	5.04	4.94	2.0%	2322228	8.1	8.0	1.2%	2322243	8.0	7.7	3.8%
Ti	2322203	0.160	0.179	11.2%	2322217	0.493	0.511	3.6%	2322228	0.429	0.420	2.1%	2322243	0.380	0.387	1.8%
Tl	2322203	< 0.5	< 0.5	0.0%	2322217	0.97	0.91	6.4%	2322228	1.0	1.1	9.5%	2322243	0.5	0.5	0.0%
Tm	2322203	0.128	0.123	4.0%	2322217	0.38	0.34	11.1%	2322228	0.27	0.27	0.0%	2322243	0.206	0.181	12.9%
U	2322203	< 0.05	< 0.05	0.0%	2322217	1.24	1.40	12.1%	2322228	2.41	2.35	2.5%	2322243	2.35	2.27	3.5%
V	2322203	101	110	8.5%	2322217	243	245	0.8%	2322228	160	164	2.5%	2322243	118	115	2.6%
W	2322203	< 1	< 1	0.0%	2322217	< 1	< 1	0.0%	2322228	< 1	< 1	0.0%	2322243	< 1	< 1	0.0%
Y	2322203	7.3	7.9	7.9%	2322217	20.6	20.8	1.0%	2322228	18.2	18.3	0.5%	2322243	14.2	14.5	2.1%
Yb	2322203	0.78	0.74	5.3%	2322217	1.9	2.1	10.0%	2322228	1.6	1.9	17.1%	2322243	1.48	1.32	11.4%
Zn	2322203	48	54	11.8%	2322217	347	396	13.2%	2322228	120	116	3.4%	2322243	98	95	3.1%
Zr	2322203	13.3	13.9	4.4%	2322217	88.7	94.3	6.1%	2322228	125	124	0.8%	2322243	129	143	10.3%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O731154

PROJECT: 2021 Surimeau DDH Batch 20

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.15	96%	90% - 110%					6.94	7.25	105%	90% - 110%	13.0	13.2	101%	90% - 110%
As	26	26	99%	90% - 110%												
Ba	540	525	97%	90% - 110%									1310	1360	104%	90% - 110%
Ca	0.907	0.855	94%	90% - 110%					4.01	4.2	105%	90% - 110%	1.42	1.4	99%	90% - 110%
Ce	98	98	100%	90% - 110%	58.2	62.6	108%	90% - 110%								
Co	15	15	100%	90% - 110%												
Cu	150	154	102%	90% - 110%									6.4	5.6	87%	90% - 110%
Er	3.7	4	108%	90% - 110%												
Eu	1.0	1.09	109%	90% - 110%												
Fe	3.77	3.85	102%	90% - 110%					7.56	8.18	108%	90% - 110%	3.27	3.44	105%	90% - 110%
Ga					22.6	23.1	102%	90% - 110%								
Hf	11	10	90%	90% - 110%												
K	2.55	2.43	95%	90% - 110%					2.02	2.11	105%	90% - 110%	3.68	3.8	103%	90% - 110%
La	44	44	100%	90% - 110%	27.5	29.7	108%	90% - 110%								
Li	47	47	99%	90% - 110%									65.0	70.7	109%	90% - 110%
Lu	0.6	0.6	106%	90% - 110%												
Mg	1.1	1	91%	90% - 110%					2.41	2.51	104%	90% - 110%				
Mn	780	774	99%	90% - 110%												
Mo	14	12	88%	90% - 110%												
Nb	20	19	94%	90% - 110%	22.6	23.9	106%	90% - 110%								
Nd					27.3	29.2	107%	90% - 110%								
Ni	32	34	106%	90% - 110%												
P													0.061	0.0497	81%	90% - 110%
Pb	31	33	105%	90% - 110%												
Rb	144	146	101%	90% - 110%	85.4	93.1	109%	90% - 110%								
Sb	0.8	0.8	101%	90% - 110%												
Sc	12	12	103%	90% - 110%												
Si	28.4	28.9	102%	90% - 110%					23.65	25.75	109%	90% - 110%	24.4	26.1	107%	90% - 110%
Sm	7.4	7.5	101%	90% - 110%												
Sr	144	152	105%	90% - 110%									310	335	108%	90% - 110%
Ta	1.9	1.8	97%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Tb	1.2	1.2	99%	90% - 110%												
Th	18.4	18.3	100%	90% - 110%												
Ti	0.527	0.525	100%	90% - 110%									0.222	0.226	102%	90% - 110%
U	5.7	5.3	94%	90% - 110%												
V	77	73	94%	90% - 110%												
W	5	5	101%	90% - 110%												
Y	40	36	89%	90% - 110%	25.3	26.7	106%	90% - 110%								
Yb					2.66	2.91	109%	90% - 110%								
Zn	130	124	95%	90% - 110%									75.4	83.1	110%	90% - 110%
Zr	390	369	95%	90% - 110%	157	164	104%	90% - 110%								

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O731154

PROJECT: 2021 Surimeau DDH Batch 20

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O731154

PROJECT: 2021 Surimeau DDH Batch 20

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O731154

PROJECT: 2021 Surimeau DDH Batch 20

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 21

AGAT WORK ORDER: 21O731157

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Jun 16, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731157

PROJECT: 2021 Surimeau DDH Batch 21

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 16, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
46501 (2322253)	2.24
46502 (2322254)	0.83
46503 (2322255)	4.47
46504 (2322256)	4.86
46505 (2322257)	4.41
46506 (2322258)	5.40
46507 (2322259)	3.59
46508 (2322260)	3.55
46509 (2322261)	4.32
46510 (2322262)	5.69
46511 (2322263)	4.25
46512 C-DUP (2322264)	-
46513 (2322265)	5.45
46514 (2322266)	2.97
46515 (2322267)	2.08
46516 (2322268)	4.83
46517 (2322269)	4.53
46518 (2322270)	2.25
46519 (2322271)	3.56
46520 (2322272)	4.62
46521 (2322273)	4.53
46522 (2322274)	0.57
46523 (2322275)	5.01
46524 (2322276)	4.52
46525 (2322277)	5.33
46526 (2322278)	4.99
46527 (2322279)	4.56
46528 (2322280)	4.80
46529 (2322281)	4.65
46530 (2322282)	5.01
46531 (2322283)	3.87

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731157

PROJECT: 2021 Surimeau DDH Batch 21

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 16, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
46532 (2322284)	3.36
46533 (2322285)	3.34
46534 (2322286)	3.54
46535 (2322287)	5.50
46536 (2322288)	4.73
46537 (2322289)	5.05
46538 (2322290)	4.72
46539 (2322291)	3.73
46540 (2322292)	3.99
46541 (2322293)	1.62
46542 (2322294)	1.29
46543 (2322295)	3.53
46544 (2322296)	4.83
46545 C-DUP (2322297)	-
46546 (2322298)	4.84
46547 (2322299)	4.57
46548 (2322300)	5.35
46549 (2322301)	4.85
46550 (2322302)	4.77

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731157

PROJECT: 2021 Surimeau DDH Batch 21

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 16, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
46501 (2322253)	7	8.67	<5	<20	777	<5	<0.1	1.62	0.2	61.4	18.8	0.021	2.9	48
46502 (2322254)	10	0.02	<5	<20	25.2	<5	<0.1	34.9	<0.2	0.9	1.4	<0.005	<0.1	<5
46503 (2322255)	<1	8.44	<5	<20	625	<5	0.2	1.34	<0.2	57.6	20.8	0.024	3.8	57
46504 (2322256)	3	8.60	<5	<20	671	<5	0.2	1.09	0.3	65.9	24.1	0.026	3.7	72
46505 (2322257)	2	8.62	<5	<20	454	<5	0.2	0.91	<0.2	68.8	24.5	0.026	4.7	55
46506 (2322258)	4	8.82	<5	<20	612	<5	0.3	1.13	<0.2	60.6	28.1	0.035	5.1	53
46507 (2322259)	10	4.53	<5	22	46.9	<5	0.2	6.85	<0.2	2.3	90.1	0.284	2.4	49
46508 (2322260)	7	3.52	<5	<20	98.9	<5	0.2	9.57	<0.2	2.6	91.9	0.235	4.0	90
46509 (2322261)	5	3.12	<5	<20	1.3	<5	0.2	5.01	<0.2	1.1	92.5	0.233	0.3	86
46510 (2322262)	2	3.18	<5	<20	0.8	<5	0.2	4.31	<0.2	1.3	96.9	0.230	0.3	43
46511 (2322263)	2	3.49	<5	20	1.1	<5	0.2	5.19	<0.2	1.5	101	0.260	0.4	74
46512 C-DUP (2322264)	3	3.52	<5	20	1.0	<5	0.2	5.11	<0.2	1.5	102	0.259	0.3	72
46513 (2322265)	2	3.58	<5	<20	1.4	<5	0.2	7.48	<0.2	1.9	101	0.259	0.3	84
46514 (2322266)	<1	3.32	<5	23	<0.5	<5	0.2	5.31	<0.2	1.4	98.7	0.238	0.3	63
46515 (2322267)	4	3.33	<5	22	<0.5	<5	0.2	5.16	<0.2	1.5	97.3	0.255	0.3	64
46516 (2322268)	4	2.88	<5	23	<0.5	<5	0.2	4.12	<0.2	1.1	97.5	0.214	0.3	29
46517 (2322269)	6	3.91	<5	<20	2.5	<5	0.1	6.03	<0.2	1.8	97.0	0.257	0.3	76
46518 (2322270)	6	3.39	<5	<20	138	<5	0.3	12.4	<0.2	2.2	97.9	0.256	2.1	44
46519 (2322271)	<1	3.21	<5	<20	0.9	<5	0.2	6.34	<0.2	1.2	97.8	0.233	0.2	79
46520 (2322272)	8	3.22	<5	21	0.8	<5	0.2	5.09	<0.2	1.2	105	0.240	0.3	90
46521 (2322273)	2	2.65	<5	20	<0.5	<5	0.3	4.71	<0.2	1.1	99.6	0.220	0.3	39
46522 (2322274)	7	0.05	<5	<20	29.5	<5	<0.1	35.2	<0.2	0.9	1.7	<0.005	<0.1	5
46523 (2322275)	7	2.52	<5	20	<0.5	<5	0.2	6.98	<0.2	2.0	89.8	0.207	0.2	75
46524 (2322276)	3	2.94	<5	<20	82.6	<5	0.1	7.61	<0.2	5.1	77.8	0.181	3.2	44
46525 (2322277)	<1	3.12	<5	<20	7.3	<5	0.2	7.58	<0.2	2.2	94.5	0.227	0.4	83
46526 (2322278)	<1	3.14	<5	<20	150	<5	0.3	5.61	<0.2	1.7	93.2	0.216	7.7	88
46527 (2322279)	<1	3.52	<5	21	240	<5	0.3	5.69	<0.2	1.7	99.4	0.238	11.2	87
46528 (2322280)	<1	3.91	<5	<20	413	<5	0.2	5.74	<0.2	11.2	84.1	0.201	18.3	68
46529 (2322281)	<1	3.27	<5	<20	240	<5	0.3	9.16	<0.2	3.0	85.3	0.223	14.0	70
46530 (2322282)	<1	3.45	<5	<20	380	<5	0.2	6.08	<0.2	5.8	83.3	0.217	16.4	65
46531 (2322283)	<1	5.99	<5	<20	656	<5	0.1	4.74	<0.2	52.6	56.9	0.108	10.7	38
46532 (2322284)	<1	3.57	<5	<20	334	<5	0.2	8.09	<0.2	21.5	78.1	0.174	6.7	62

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731157

PROJECT: 2021 Surimeau DDH Batch 21

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 16, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
46533 (2322285)	<1	3.30	<5	<20	240	<5	0.3	6.82	<0.2	2.1	122	0.262	9.7	46
46534 (2322286)	<1	5.67	<5	22	352	<5	0.5	7.15	<0.2	3.9	173	0.414	0.1	107
46535 (2322287)	<1	5.94	<5	<20	166	<5	0.5	7.05	<0.2	3.4	151	0.441	0.7	139
46536 (2322288)	<1	5.92	<5	22	387	<5	0.5	6.79	<0.2	16.5	128	0.368	1.4	105
46537 (2322289)	<1	3.00	<5	<20	435	<5	0.3	6.92	<0.2	1.3	93.9	0.226	9.0	24
46538 (2322290)	<1	5.81	<5	<20	1330	<5	0.3	6.77	<0.2	56.7	61.1	0.116	10.9	43
46539 (2322291)	<1	3.88	<5	<20	639	<5	0.5	5.71	<0.2	16.5	90.2	0.218	18.4	107
46540 (2322292)	<1	7.26	<5	<20	1350	<5	0.1	4.13	<0.2	73.7	41.1	0.084	4.4	34
46541 (2322293)	<1	5.34	<5	<20	775	<5	0.2	4.06	<0.2	42.6	70.9	0.165	14.8	81
46542 (2322294)	<1	2.95	<5	<20	673	<5	0.2	6.10	<0.2	6.5	86.6	0.202	13.9	55
46543 (2322295)	<1	5.28	<5	<20	594	<5	<0.1	4.68	<0.2	46.4	58.3	0.122	9.1	48
46544 (2322296)	<1	2.86	<5	<20	373	<5	0.3	6.22	<0.2	6.4	83.1	0.194	14.3	57
46545 C-DUP (2322297)	<1	2.93	<5	<20	370	<5	0.3	6.27	<0.2	6.5	84.1	0.192	14.4	58
46546 (2322298)	<1	4.32	<5	20	382	<5	0.3	5.14	<0.2	12.6	92.6	0.227	12.2	116
46547 (2322299)	<1	4.00	<5	<20	134	<5	0.3	6.95	<0.2	14.4	86.9	0.210	2.7	67
46548 (2322300)	<1	3.30	<5	<20	89.2	<5	0.4	6.37	<0.2	1.9	90.3	0.238	3.9	81
46549 (2322301)	<1	4.46	<5	<20	498	<5	0.3	5.05	<0.2	26.4	70.3	0.174	8.7	45
46550 (2322302)	<1	2.86	<5	<20	1.5	<5	0.4	6.55	<0.2	1.9	94.5	0.221	0.2	76

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731157

PROJECT: 2021 Surimeau DDH Batch 21

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 16, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
46501 (2322253)	2.17	1.08	1.05	3.20	24.0	3.90	1	4	0.40	<0.2	1.40	28.8	20	0.15
46502 (2322254)	0.18	0.13	<0.05	0.08	0.16	0.21	1	<1	<0.05	<0.2	<0.05	1.0	<10	<0.05
46503 (2322255)	2.54	1.39	0.99	3.90	24.7	3.90	1	4	0.51	<0.2	1.76	28.5	34	0.20
46504 (2322256)	2.67	1.46	0.99	4.18	22.4	4.21	1	4	0.52	<0.2	1.72	32.7	42	0.21
46505 (2322257)	2.66	1.42	1.10	4.11	22.1	4.46	1	4	0.52	<0.2	1.66	33.2	39	0.20
46506 (2322258)	2.83	1.53	1.04	4.36	23.1	4.35	1	4	0.54	<0.2	2.21	29.7	53	0.22
46507 (2322259)	1.79	1.17	0.41	8.38	9.92	1.37	1	<1	0.37	<0.2	0.23	0.8	14	0.15
46508 (2322260)	1.49	1.00	0.42	7.13	8.04	1.13	1	<1	0.30	<0.2	0.40	1.0	11	0.14
46509 (2322261)	1.25	0.76	0.12	7.07	8.31	0.95	2	<1	0.26	<0.2	<0.05	0.3	<10	0.11
46510 (2322262)	1.25	0.75	0.10	6.97	8.39	0.98	2	<1	0.25	<0.2	<0.05	0.4	<10	0.11
46511 (2322263)	1.27	0.85	0.14	7.47	8.64	0.99	2	<1	0.27	<0.2	<0.05	0.5	<10	0.12
46512 C-DUP (2322264)	1.31	0.86	0.14	7.37	8.46	1.09	2	<1	0.27	<0.2	<0.05	0.5	<10	0.11
46513 (2322265)	1.36	0.91	0.23	7.47	8.24	1.04	2	<1	0.29	<0.2	<0.05	0.7	<10	0.13
46514 (2322266)	1.13	0.75	0.13	7.22	7.79	0.87	2	<1	0.25	<0.2	<0.05	0.5	<10	0.10
46515 (2322267)	1.31	0.86	0.13	7.25	8.19	0.97	2	<1	0.28	<0.2	<0.05	0.4	<10	0.12
46516 (2322268)	1.05	0.65	0.08	6.82	7.24	0.81	2	<1	0.21	<0.2	<0.05	0.4	<10	0.08
46517 (2322269)	1.65	1.07	0.27	7.87	8.75	1.26	2	<1	0.36	<0.2	<0.05	0.6	<10	0.14
46518 (2322270)	1.44	0.97	0.61	7.02	7.90	1.16	1	<1	0.32	<0.2	0.36	0.9	15	0.12
46519 (2322271)	1.36	0.80	0.16	7.18	8.02	1.00	2	<1	0.29	<0.2	<0.05	0.3	<10	0.11
46520 (2322272)	1.19	0.75	0.12	7.14	8.25	0.89	2	<1	0.25	<0.2	<0.05	0.4	<10	0.10
46521 (2322273)	1.23	0.80	0.09	6.79	6.62	0.90	2	<1	0.25	<0.2	<0.05	0.4	<10	0.10
46522 (2322274)	0.21	0.15	<0.05	0.13	0.18	0.23	1	<1	<0.05	<0.2	<0.05	1.1	<10	<0.05
46523 (2322275)	1.53	0.94	0.18	6.39	6.40	1.09	2	<1	0.31	<0.2	<0.05	0.7	<10	0.12
46524 (2322276)	1.64	1.00	0.25	6.64	7.57	1.56	2	<1	0.35	<0.2	0.36	2.0	<10	0.13
46525 (2322277)	1.20	0.75	0.24	6.93	9.01	0.96	2	<1	0.25	<0.2	0.06	0.9	<10	0.10
46526 (2322278)	1.23	0.78	0.11	6.81	10.4	1.03	2	<1	0.26	<0.2	0.88	0.6	13	0.10
46527 (2322279)	1.24	0.80	0.08	7.19	10.9	0.89	2	<1	0.25	<0.2	1.28	0.6	17	0.10
46528 (2322280)	1.38	0.79	0.30	6.37	12.0	1.64	2	1	0.27	<0.2	2.30	4.9	51	0.11
46529 (2322281)	1.12	0.72	0.26	6.46	9.29	1.00	2	<1	0.23	<0.2	1.69	1.5	37	0.11
46530 (2322282)	1.40	0.89	0.23	6.68	10.9	1.36	2	<1	0.30	<0.2	2.28	2.3	81	0.11
46531 (2322283)	2.76	1.27	1.15	5.90	18.2	4.88	2	3	0.48	<0.2	1.90	23.5	61	0.17
46532 (2322284)	1.41	0.75	0.61	5.69	12.0	1.97	2	1	0.25	<0.2	1.27	10.2	38	0.09

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731157

PROJECT: 2021 Surimeau DDH Batch 21

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 16, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
46533 (2322285)	1.62	0.99	0.25	6.60	13.4	1.30	3	<1	0.32	<0.2	1.47	0.7	53	0.15
46534 (2322286)	2.68	1.76	0.43	8.28	13.7	2.13	2	<1	0.57	<0.2	0.20	1.6	24	0.27
46535 (2322287)	2.54	1.70	0.48	7.51	13.2	2.03	2	<1	0.55	<0.2	0.24	1.4	25	0.25
46536 (2322288)	2.77	1.70	0.84	9.15	16.5	2.86	2	1	0.59	<0.2	0.48	6.9	39	0.23
46537 (2322289)	1.07	0.73	0.16	6.70	13.8	0.89	3	<1	0.23	<0.2	1.45	0.4	67	0.10
46538 (2322290)	3.84	1.93	1.53	7.76	20.0	6.54	2	2	0.69	<0.2	1.85	23.7	70	0.24
46539 (2322291)	1.59	0.92	0.43	6.93	12.9	2.09	3	1	0.32	<0.2	2.66	6.9	77	0.12
46540 (2322292)	2.25	0.84	1.38	4.16	23.5	5.38	1	5	0.35	<0.2	0.86	33.5	45	0.08
46541 (2322293)	1.72	0.70	0.70	5.17	17.5	3.30	2	3	0.29	<0.2	2.34	19.8	77	0.09
46542 (2322294)	1.35	0.80	0.22	6.25	11.7	1.40	2	<1	0.27	<0.2	2.22	2.6	70	0.11
46543 (2322295)	1.83	0.71	1.00	4.51	19.5	3.75	2	3	0.28	<0.2	1.38	21.3	41	0.08
46544 (2322296)	1.58	0.97	0.28	6.32	8.81	1.53	3	<1	0.33	<0.2	1.77	2.3	45	0.12
46545 C-DUP (2322297)	1.56	0.93	0.26	6.38	8.88	1.51	2	<1	0.33	<0.2	1.80	2.4	46	0.12
46546 (2322298)	1.86	1.11	0.42	7.30	12.2	1.99	2	1	0.37	<0.2	1.57	5.5	42	0.14
46547 (2322299)	1.80	0.99	0.59	7.19	10.6	2.01	2	1	0.34	<0.2	0.39	6.3	17	0.13
46548 (2322300)	1.28	0.80	0.22	6.90	9.85	1.00	2	<1	0.27	<0.2	0.44	0.7	15	0.11
46549 (2322301)	1.53	0.79	0.49	5.71	12.8	2.60	2	2	0.27	<0.2	1.23	12.0	27	0.10
46550 (2322302)	1.09	0.74	0.14	6.61	8.07	0.88	2	<1	0.24	<0.2	<0.05	0.8	<10	0.11

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731157

PROJECT: 2021 Surimeau DDH Batch 21

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 16, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
46501 (2322253)	1.34	482	2	6	27.6	59	0.08	14	7.15	53.5	0.18	<0.1	11	30.8
46502 (2322254)	1.32	85	<2	<1	0.8	<5	<0.01	<5	0.17	0.9	0.07	<0.1	<5	3.63
46503 (2322255)	1.62	565	2	7	25.9	75	0.07	10	6.77	64.7	0.18	<0.1	14	30.1
46504 (2322256)	1.69	516	<2	6	29.3	79	0.06	8	7.54	65.9	0.26	<0.1	15	30.1
46505 (2322257)	1.79	441	2	6	30.8	82	0.06	7	7.93	62.8	0.32	<0.1	16	31.0
46506 (2322258)	2.25	526	3	5	27.6	113	0.07	8	7.17	87.7	0.18	<0.1	18	29.1
46507 (2322259)	11.3	1600	<2	<1	2.2	761	0.01	<5	0.38	8.1	<0.01	<0.1	32	20.1
46508 (2322260)	10.8	1640	<2	1	2.1	1070	0.01	<5	0.36	20.7	0.11	<0.1	24	18.0
46509 (2322261)	14.1	1070	<2	<1	1.4	1200	<0.01	<5	0.21	0.8	0.10	<0.1	23	21.9
46510 (2322262)	14.9	1110	<2	<1	1.5	1260	<0.01	<5	0.23	0.8	0.03	<0.1	22	21.2
46511 (2322263)	14.5	1160	<2	<1	1.5	1280	<0.01	<5	0.25	1.1	0.09	<0.1	26	20.4
46512 C-DUP (2322264)	14.4	1140	<2	<1	1.6	1260	<0.01	<5	0.25	1.0	0.09	<0.1	26	20.1
46513 (2322265)	13.4	1420	<2	<1	1.7	1230	0.01	<5	0.31	0.7	0.12	<0.1	25	18.6
46514 (2322266)	14.6	1220	<2	<1	1.3	1410	<0.01	<5	0.22	1.1	0.07	<0.1	23	20.1
46515 (2322267)	14.4	1190	<2	<1	1.4	1360	<0.01	<5	0.23	0.4	0.09	<0.1	25	20.2
46516 (2322268)	15.2	1130	<2	<1	1.2	1450	<0.01	<5	0.18	0.4	0.02	<0.1	20	21.5
46517 (2322269)	13.5	1420	<2	<1	2.0	1000	<0.01	<5	0.32	0.7	0.09	<0.1	29	19.9
46518 (2322270)	9.56	2060	<2	<1	1.9	1180	<0.01	<5	0.32	15.5	0.08	<0.1	25	17.1
46519 (2322271)	13.1	1290	<2	<1	1.4	1300	<0.01	<5	0.22	0.3	0.15	<0.1	23	21.1
46520 (2322272)	14.5	1120	<2	<1	1.3	1440	<0.01	<5	0.21	1.0	0.16	<0.1	23	21.0
46521 (2322273)	15.4	1110	<2	<1	1.3	1450	<0.01	<5	0.20	0.7	0.05	<0.1	21	22.1
46522 (2322274)	1.65	98	<2	<1	0.8	12	<0.01	<5	0.19	0.7	0.06	<0.1	<5	5.09
46523 (2322275)	14.2	1320	<2	<1	2.0	1160	0.02	<5	0.33	0.6	0.13	<0.1	22	19.3
46524 (2322276)	13.5	1540	<2	<1	3.8	879	0.02	<5	0.72	17.1	0.11	0.1	19	21.0
46525 (2322277)	13.7	1290	<2	<1	1.7	1280	<0.01	<5	0.33	2.1	0.37	<0.1	22	20.9
46526 (2322278)	13.8	1170	<2	<1	1.7	1280	<0.01	<5	0.28	42.2	0.41	<0.1	21	22.6
46527 (2322279)	13.8	1120	<2	<1	1.6	1330	<0.01	<5	0.26	61.0	0.43	<0.1	24	22.0
46528 (2322280)	12.2	1050	<2	2	6.6	1100	0.01	<5	1.42	101	0.25	<0.1	20	22.9
46529 (2322281)	11.0	1510	<2	<1	2.2	1090	<0.01	<5	0.41	73.3	0.46	<0.1	22	19.7
46530 (2322282)	11.5	1440	<2	<1	4.0	1010	0.01	<5	0.82	89.2	0.21	<0.1	22	23.4
46531 (2322283)	7.98	950	<2	3	28.4	658	0.10	10	6.78	79.3	0.13	<0.1	20	25.0
46532 (2322284)	10.3	1350	<2	2	11.3	1160	0.02	5	2.73	47.9	0.26	<0.1	16	24.4

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731157

PROJECT: 2021 Surimeau DDH Batch 21

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 16, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
46533 (2322285)	11.5	1560	<2	<1	2.2	1590	<0.01	<5	0.37	62.1	0.11	<0.1	23	23.6
46534 (2322286)	5.51	2660	<2	<1	3.3	1830	0.02	<5	0.60	3.7	0.40	<0.1	41	24.6
46535 (2322287)	4.45	2680	<2	1	3.2	1780	0.02	<5	0.52	7.6	0.60	<0.1	42	25.4
46536 (2322288)	6.58	2810	<2	2	10.2	1460	0.06	<5	2.26	17.9	0.48	<0.1	39	23.6
46537 (2322289)	11.4	1660	<2	1	1.5	1460	<0.01	<5	0.24	78.8	0.03	<0.1	21	24.3
46538 (2322290)	8.40	1430	<2	3	35.9	299	0.24	5	7.81	88.5	0.06	<0.1	40	21.9
46539 (2322291)	11.5	1390	<2	2	9.2	1190	0.02	<5	2.19	137	0.37	<0.1	22	22.8
46540 (2322292)	4.98	810	<2	5	37.2	517	0.07	12	9.07	39.5	0.08	<0.1	10	27.1
46541 (2322293)	9.04	908	<2	3	22.4	1020	0.04	9	5.29	113	0.16	<0.1	17	25.1
46542 (2322294)	11.8	1310	<2	1	4.4	1210	<0.01	<5	0.92	101	0.05	<0.1	20	23.8
46543 (2322295)	8.08	880	<2	3	25.2	853	0.04	9	5.86	58.0	0.12	<0.1	12	26.0
46544 (2322296)	12.4	1230	<2	<1	4.6	1120	<0.01	<5	0.94	67.4	0.31	<0.1	18	23.9
46545 C-DUP (2322297)	12.6	1250	<2	<1	4.5	1110	<0.01	<5	0.95	73.3	0.32	<0.1	19	24.2
46546 (2322298)	12.2	1190	<2	1	7.6	999	<0.01	<5	1.69	57.9	0.55	<0.1	23	21.9
46547 (2322299)	11.9	1460	<2	<1	8.4	1030	0.02	6	1.85	12.9	0.51	<0.1	22	22.0
46548 (2322300)	13.1	1280	<2	<1	1.8	1230	0.01	<5	0.30	17.3	0.49	<0.1	24	22.1
46549 (2322301)	11.6	959	<2	3	14.1	1020	0.03	9	3.33	50.5	0.16	<0.1	17	24.1
46550 (2322302)	13.3	1110	<2	<1	1.6	1410	0.01	<5	0.29	0.7	0.35	<0.1	21	22.8

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731157

PROJECT: 2021 Surimeau DDH Batch 21

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 16, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
46501 (2322253)	4.6	<1	673	<0.5	0.48	6.5	0.31	<0.5	0.15	2.13	77	<1	11.7	1.0
46502 (2322254)	0.2	<1	78.2	1.6	<0.05	0.1	<0.01	<0.5	<0.05	0.13	<5	<1	1.9	0.1
46503 (2322255)	4.5	<1	356	<0.5	0.53	7.0	0.33	<0.5	0.19	2.38	94	<1	13.0	1.3
46504 (2322256)	4.9	<1	271	<0.5	0.54	8.3	0.35	<0.5	0.20	2.59	97	<1	13.9	1.4
46505 (2322257)	5.1	<1	217	<0.5	0.56	8.7	0.35	<0.5	0.21	2.61	113	<1	13.8	1.4
46506 (2322258)	4.9	<1	251	<0.5	0.58	7.1	0.36	0.6	0.22	2.23	125	<1	15.4	1.5
46507 (2322259)	0.9	<1	87.3	<0.5	0.26	0.1	0.26	<0.5	0.15	<0.05	185	<1	8.8	1.1
46508 (2322260)	0.8	<1	232	2.1	0.22	0.1	0.20	<0.5	0.13	<0.05	144	<1	8.1	0.9
46509 (2322261)	0.6	<1	23.4	<0.5	0.18	<0.1	0.18	<0.5	0.10	0.05	131	<1	7.3	0.7
46510 (2322262)	0.6	<1	47.2	<0.5	0.18	<0.1	0.17	<0.5	0.10	<0.05	123	<1	7.0	0.7
46511 (2322263)	0.7	<1	71.8	<0.5	0.18	<0.1	0.21	<0.5	0.11	<0.05	146	<1	6.7	0.8
46512 C-DUP (2322264)	0.6	<1	70.7	<0.5	0.19	<0.1	0.21	<0.5	0.11	<0.05	140	<1	7.0	0.8
46513 (2322265)	0.7	<1	125	<0.5	0.20	<0.1	0.21	<0.5	0.12	<0.05	139	<1	6.8	0.9
46514 (2322266)	0.5	<1	86.0	<0.5	0.16	<0.1	0.19	<0.5	0.10	<0.05	125	<1	7.7	0.7
46515 (2322267)	0.6	<1	68.8	<0.5	0.19	<0.1	0.19	<0.5	0.11	<0.05	137	<1	7.3	0.8
46516 (2322268)	0.5	<1	58.1	<0.5	0.15	<0.1	0.15	<0.5	0.09	<0.05	105	<1	7.0	0.6
46517 (2322269)	0.8	<1	60.9	<0.5	0.23	<0.1	0.23	<0.5	0.14	<0.05	155	<1	9.6	1.0
46518 (2322270)	0.7	<1	278	<0.5	0.21	<0.1	0.19	<0.5	0.12	<0.05	139	<1	9.5	0.9
46519 (2322271)	0.6	<1	49.6	<0.5	0.19	<0.1	0.19	<0.5	0.11	<0.05	129	<1	7.6	0.8
46520 (2322272)	0.6	<1	62.4	<0.5	0.17	<0.1	0.17	<0.5	0.11	<0.05	131	<1	6.7	0.7
46521 (2322273)	0.5	<1	64.2	<0.5	0.17	<0.1	0.16	<0.5	0.10	<0.05	110	<1	7.1	0.7
46522 (2322274)	0.2	<1	78.6	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.13	<5	<1	2.6	0.1
46523 (2322275)	0.8	<1	147	<0.5	0.22	<0.1	0.15	<0.5	0.12	<0.05	118	<1	7.4	0.9
46524 (2322276)	1.2	<1	112	<0.5	0.25	0.2	0.16	<0.5	0.13	0.06	106	<1	10.8	0.9
46525 (2322277)	0.6	<1	129	<0.5	0.17	<0.1	0.17	<0.5	0.10	<0.05	123	<1	6.8	0.7
46526 (2322278)	0.6	<1	39.8	<0.5	0.18	<0.1	0.17	<0.5	0.10	0.06	123	<1	7.4	0.7
46527 (2322279)	0.6	<1	52.6	<0.5	0.18	<0.1	0.19	0.6	0.11	0.07	135	<1	7.5	0.8
46528 (2322280)	1.5	<1	208	<0.5	0.24	0.9	0.18	1.0	0.10	0.29	113	<1	8.0	0.7
46529 (2322281)	0.7	<1	270	<0.5	0.16	0.1	0.18	0.7	0.09	0.08	115	<1	6.6	0.7
46530 (2322282)	1.1	<1	64.4	<0.5	0.24	0.4	0.18	0.9	0.11	0.17	128	<1	8.9	0.8
46531 (2322283)	5.5	<1	751	<0.5	0.60	4.1	0.35	0.7	0.17	1.19	129	<1	13.5	1.1
46532 (2322284)	2.2	<1	473	<0.5	0.27	1.5	0.17	<0.5	0.10	0.57	106	<1	8.0	0.7

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731157

PROJECT: 2021 Surimeau DDH Batch 21

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 16, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
46533 (2322285)	0.8	<1	56.4	<0.5	0.23	<0.1	0.18	0.6	0.14	0.13	137	<1	9.2	1.0
46534 (2322286)	1.3	<1	199	<0.5	0.39	0.1	0.32	<0.5	0.26	0.24	247	<1	16.8	1.8
46535 (2322287)	1.2	<1	160	<0.5	0.37	0.1	0.33	<0.5	0.23	0.27	228	<1	15.2	1.7
46536 (2322288)	2.5	<1	195	<0.5	0.47	1.4	0.38	<0.5	0.23	0.54	246	<1	16.9	1.5
46537 (2322289)	0.6	<1	51.0	<0.5	0.16	<0.1	0.17	0.8	0.09	0.12	124	<1	7.0	0.6
46538 (2322290)	7.3	<1	460	<0.5	0.80	4.0	0.51	0.8	0.23	1.31	221	<1	18.2	1.6
46539 (2322291)	2.0	<1	77.2	<0.5	0.30	1.5	0.21	1.2	0.12	1.00	141	<1	8.2	0.9
46540 (2322292)	7.0	<1	1280	<0.5	0.59	5.7	0.28	<0.5	0.09	1.80	80	<1	9.2	0.7
46541 (2322293)	4.1	<1	475	<0.5	0.39	2.9	0.22	1.0	0.09	0.94	95	<1	8.5	0.7
46542 (2322294)	1.1	<1	74.2	<0.5	0.22	0.3	0.15	1.0	0.10	0.17	114	<1	7.8	0.8
46543 (2322295)	4.5	<1	668	<0.5	0.43	3.5	0.21	0.6	0.09	1.25	75	<1	7.8	0.6
46544 (2322296)	1.3	<1	59.4	<0.5	0.26	0.4	0.15	0.6	0.13	0.15	109	<1	8.9	0.9
46545 C-DUP (2322297)	1.3	<1	60.5	<0.5	0.25	0.4	0.15	0.7	0.12	0.14	113	<1	8.0	0.8
46546 (2322298)	1.8	<1	192	<0.5	0.30	0.8	0.21	0.5	0.14	0.29	144	<1	9.4	1.0
46547 (2322299)	1.9	<1	347	<0.5	0.30	1.0	0.21	<0.5	0.13	0.37	136	<1	9.7	0.9
46548 (2322300)	0.7	<1	84.5	<0.5	0.19	<0.1	0.19	<0.5	0.11	0.08	130	<1	6.6	0.8
46549 (2322301)	2.8	<1	293	<0.5	0.31	2.2	0.21	<0.5	0.09	0.89	97	<1	7.1	0.7
46550 (2322302)	0.6	<1	37.2	<0.5	0.17	<0.1	0.17	<0.5	0.10	<0.05	116	<1	5.7	0.7

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731157

PROJECT: 2021 Surimeau DDH Batch 21

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 16, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
46501 (2322253)	92	134
46502 (2322254)	12	2.1
46503 (2322255)	114	127
46504 (2322256)	183	133
46505 (2322257)	93	144
46506 (2322258)	63	124
46507 (2322259)	72	22.3
46508 (2322260)	65	20.6
46509 (2322261)	70	11.2
46510 (2322262)	57	14.7
46511 (2322263)	55	15.7
46512 C-DUP (2322264)	54	17.6
46513 (2322265)	62	24.3
46514 (2322266)	59	11.3
46515 (2322267)	57	12.4
46516 (2322268)	55	12.9
46517 (2322269)	68	18.6
46518 (2322270)	62	16.1
46519 (2322271)	62	17.4
46520 (2322272)	57	15.0
46521 (2322273)	53	13.1
46522 (2322274)	8	2.1
46523 (2322275)	130	13.7
46524 (2322276)	60	14.5
46525 (2322277)	60	13.2
46526 (2322278)	67	14.0
46527 (2322279)	65	15.8
46528 (2322280)	70	34.9
46529 (2322281)	58	14.5
46530 (2322282)	75	22.7
46531 (2322283)	83	103
46532 (2322284)	58	45.9

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731157

PROJECT: 2021 Surimeau DDH Batch 21

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 16, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
46533 (2322285)	80	17.8
46534 (2322286)	97	26.9
46535 (2322287)	96	27.4
46536 (2322288)	91	53.2
46537 (2322289)	118	13.8
46538 (2322290)	158	82.6
46539 (2322291)	70	48.9
46540 (2322292)	80	161
46541 (2322293)	84	88.5
46542 (2322294)	87	19.3
46543 (2322295)	66	103
46544 (2322296)	59	16.5
46545 C-DUP (2322297)	62	17.2
46546 (2322298)	64	30.9
46547 (2322299)	67	35.0
46548 (2322300)	60	14.1
46549 (2322301)	93	65.9
46550 (2322302)	53	14.7

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731157

PROJECT: 2021 Surimeau DDH Batch 21

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 16, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
46501 (2322253)	90.28
46520 (2322272)	83.51
46540 (2322292)	78.99

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731157

PROJECT: 2021 Surimeau DDH Batch 21

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 16, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
46501 (2322253)	86.83
46519 (2322271)	87.52
46540 (2322292)	87.02

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2322253	7	7	0.0%	2322267	4	4	0.0%	2322278	< 1	< 1	0.0%	2322293	< 1	< 1	0.0%
Al	2322253	8.67	8.66	0.1%	2322267	3.33	3.31	0.6%	2322278	3.14	3.15	0.3%	2322293	5.34	5.31	0.6%
As	2322253	< 5	< 5	0.0%	2322267	< 5	< 5	0.0%	2322278	< 5	< 5	0.0%	2322293	< 5	< 5	0.0%
B	2322253	< 20	< 20	0.0%	2322267	22	17	25.6%	2322278	< 20	< 20	0.0%	2322293	< 20	< 20	0.0%
Ba	2322253	777	782	0.6%	2322267	< 0.5	0.7		2322278	150	158	5.2%	2322293	775	773	0.3%
Be	2322253	< 5	< 5	0.0%	2322267	< 5	< 5	0.0%	2322278	< 5	< 5	0.0%	2322293	< 5	< 5	0.0%
Bi	2322253	< 0.1	< 0.1	0.0%	2322267	0.2	0.2	0.0%	2322278	0.26	0.23	12.2%	2322293	0.2	0.2	0.0%
Ca	2322253	1.62	1.62	0.0%	2322267	5.16	5.21	1.0%	2322278	5.61	5.60	0.2%	2322293	4.06	4.03	0.7%
Cd	2322253	0.2	< 0.2		2322267	< 0.2	0.3		2322278	< 0.2	< 0.2	0.0%	2322293	< 0.2	< 0.2	0.0%
Ce	2322253	61.4	63.2	2.9%	2322267	1.5	1.4	6.9%	2322278	1.7	1.7	0.0%	2322293	42.6	42.8	0.5%
Co	2322253	18.8	18.3	2.7%	2322267	97.3	103	5.7%	2322278	93.2	93.4	0.2%	2322293	70.9	68.2	3.9%
Cr	2322253	0.0207	0.0198	4.4%	2322267	0.255	0.255	0.0%	2322278	0.216	0.218	0.9%	2322293	0.165	0.163	1.2%
Cs	2322253	2.9	2.9	0.0%	2322267	0.3	0.3	0.0%	2322278	7.7	7.9	2.6%	2322293	14.8	14.1	4.8%
Cu	2322253	48	48	0.0%	2322267	64	68	6.1%	2322278	88	87	1.1%	2322293	81	79	2.5%
Dy	2322253	2.17	2.21	1.8%	2322267	1.31	1.28	2.3%	2322278	1.23	1.24	0.8%	2322293	1.72	1.66	3.6%
Er	2322253	1.08	1.08	0.0%	2322267	0.861	0.855	0.7%	2322278	0.781	0.837	6.9%	2322293	0.70	0.72	2.8%
Eu	2322253	1.05	1.06	0.9%	2322267	0.13	0.10	26.1%	2322278	0.11	0.11	0.0%	2322293	0.70	0.69	1.4%
Fe	2322253	3.20	3.18	0.6%	2322267	7.25	7.33	1.1%	2322278	6.81	6.81	0.0%	2322293	5.17	5.13	0.8%
Ga	2322253	24.0	23.3	3.0%	2322267	8.19	8.11	1.0%	2322278	10.4	10.6	1.9%	2322293	17.5	17.6	0.6%
Gd	2322253	3.90	4.02	3.0%	2322267	0.966	0.957	0.9%	2322278	1.03	1.03	0.0%	2322293	3.30	3.39	2.7%
Ge	2322253	1	1	0.0%	2322267	2	2	0.0%	2322278	2	2	0.0%	2322293	2	2	0.0%
Hf	2322253	4	4	0.0%	2322267	< 1	< 1	0.0%	2322278	< 1	< 1	0.0%	2322293	3	3	0.0%
Ho	2322253	0.40	0.40	0.0%	2322267	0.28	0.27	3.6%	2322278	0.26	0.26	0.0%	2322293	0.29	0.28	3.5%
In	2322253	< 0.2	< 0.2	0.0%	2322267	< 0.2	< 0.2	0.0%	2322278	< 0.2	< 0.2	0.0%	2322293	< 0.2	< 0.2	0.0%
K	2322253	1.40	1.39	0.7%	2322267	< 0.05	< 0.05	0.0%	2322278	0.88	0.86	2.3%	2322293	2.34	2.33	0.4%
La	2322253	28.8	31.1	7.7%	2322267	0.4	0.4	0.0%	2322278	0.6	0.6	0.0%	2322293	19.8	19.8	0.0%
Li	2322253	20	16	22.2%	2322267	< 10	< 10	0.0%	2322278	13	13	0.0%	2322293	77	81	5.1%
Lu	2322253	0.15	0.15	0.0%	2322267	0.117	0.112	4.4%	2322278	0.10	0.10	0.0%	2322293	0.09	0.08	11.8%
Mg	2322253	1.34	1.33	0.7%	2322267	14.4	14.9	3.4%	2322278	13.8	14.0	1.4%	2322293	9.04	8.92	1.3%
Mn	2322253	482	492	2.1%	2322267	1190	1200	0.8%	2322278	1170	1160	0.9%	2322293	908	897	1.2%
Mo	2322253	2	< 2		2322267	< 2	< 2	0.0%	2322278	< 2	< 2	0.0%	2322293	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2322253	6	6	0.0%	2322267	< 1	< 1	0.0%	2322278	< 1	< 1	0.0%	2322293	3	3	0.0%
Nd	2322253	27.6	28.8	4.3%	2322267	1.4	1.4	0.0%	2322278	1.7	1.8	5.7%	2322293	22.4	22.5	0.4%
Ni	2322253	59	58	1.7%	2322267	1360	1350	0.7%	2322278	1280	1260	1.6%	2322293	1020	999	2.1%
P	2322253	0.08	0.08	0.0%	2322267	< 0.01	< 0.01	0.0%	2322278	< 0.01	< 0.01	0.0%	2322293	0.036	0.033	8.7%
Pb	2322253	14	16	13.3%	2322267	< 5	< 5	0.0%	2322278	< 5	< 5	0.0%	2322293	9	8	11.8%
Pr	2322253	7.15	7.46	4.2%	2322267	0.23	0.23	0.0%	2322278	0.28	0.28	0.0%	2322293	5.29	5.25	0.8%
Rb	2322253	53.5	54.8	2.4%	2322267	0.4	0.7		2322278	42.2	45.1	6.6%	2322293	113	106	6.4%
S	2322253	0.18	0.18	0.0%	2322267	0.09	0.09	0.0%	2322278	0.41	0.43	4.8%	2322293	0.16	0.16	0.0%
Sb	2322253	< 0.1	< 0.1	0.0%	2322267	< 0.1	< 0.1	0.0%	2322278	< 0.1	< 0.1	0.0%	2322293	< 0.1	< 0.1	0.0%
Sc	2322253	11	11	0.0%	2322267	25	25	0.0%	2322278	21	21	0.0%	2322293	17	16	6.1%
Si	2322253	30.8	30.8	0.0%	2322267	20.2	20.3	0.5%	2322278	22.6	22.7	0.4%	2322293	25.1	24.8	1.2%
Sm	2322253	4.6	4.9	6.3%	2322267	0.6	0.6	0.0%	2322278	0.6	0.6	0.0%	2322293	4.1	4.1	0.0%
Sn	2322253	< 1	< 1	0.0%	2322267	< 1	< 1	0.0%	2322278	< 1	< 1	0.0%	2322293	< 1	< 1	0.0%
Sr	2322253	673	674	0.1%	2322267	68.8	70.6	2.6%	2322278	39.8	40.0	0.5%	2322293	475	473	0.4%
Ta	2322253	< 0.5	< 0.5	0.0%	2322267	< 0.5	< 0.5	0.0%	2322278	< 0.5	< 0.5	0.0%	2322293	< 0.5	< 0.5	0.0%
Tb	2322253	0.48	0.48	0.0%	2322267	0.188	0.184	2.2%	2322278	0.18	0.18	0.0%	2322293	0.39	0.39	0.0%
Th	2322253	6.5	6.5	0.0%	2322267	< 0.1	< 0.1	0.0%	2322278	< 0.1	< 0.1	0.0%	2322293	2.9	2.9	0.0%
Ti	2322253	0.31	0.31	0.0%	2322267	0.19	0.19	0.0%	2322278	0.17	0.17	0.0%	2322293	0.22	0.22	0.0%
Tl	2322253	< 0.5	< 0.5	0.0%	2322267	< 0.5	< 0.5	0.0%	2322278	< 0.5	< 0.5	0.0%	2322293	1.0	1.0	0.0%
Tm	2322253	0.15	0.15	0.0%	2322267	0.11	0.12	8.7%	2322278	0.10	0.10	0.0%	2322293	0.09	0.09	0.0%
U	2322253	2.13	2.04	4.3%	2322267	< 0.05	< 0.05	0.0%	2322278	0.064	0.067	4.6%	2322293	0.94	0.95	1.1%
V	2322253	77	76	1.3%	2322267	137	135	1.5%	2322278	123	129	4.8%	2322293	95	88	7.7%
W	2322253	< 1	< 1	0.0%	2322267	< 1	< 1	0.0%	2322278	< 1	< 1	0.0%	2322293	< 1	< 1	0.0%
Y	2322253	11.7	10.7	8.9%	2322267	7.3	8.3	12.8%	2322278	7.4	6.5	12.9%	2322293	8.5	7.3	15.2%
Yb	2322253	1.0	1.0	0.0%	2322267	0.8	0.8	0.0%	2322278	0.7	0.7	0.0%	2322293	0.66	0.61	7.9%
Zn	2322253	92	83	10.3%	2322267	57	60	5.1%	2322278	67	67	0.0%	2322293	84	77	8.7%
Zr	2322253	134	134	0.0%	2322267	12.4	16.3	27.2%	2322278	14.0	14.2	1.4%	2322293	88.5	85.7	3.2%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O731157

PROJECT: 2021 Surimeau DDH Batch 21

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.11	96%	90% - 110%					6.94	7.01	101%	90% - 110%	13.0	13.1	101%	90% - 110%
As	26	27	103%	90% - 110%												
Ba	540	536	99%	90% - 110%									1310	1395	107%	90% - 110%
Be	4.0	4.1	103%	90% - 110%												
Ca	0.907	0.835	92%	90% - 110%					4.01	3.97	99%	90% - 110%	1.42	1.38	97%	90% - 110%
Ce	98	105	107%	90% - 110%	58.2	60.4	104%	90% - 110%								
Co	15	15	100%	90% - 110%												
Cu	150	160	106%	90% - 110%												
Er	3.7	4.2	113%	90% - 110%												
Eu	1.0	1.2	115%	90% - 110%												
Fe	3.77	3.74	99%	90% - 110%					7.56	7.76	103%	90% - 110%	3.27	3.34	102%	90% - 110%
Ga					22.6	22.5	99%	90% - 110%								
Hf	11	10	95%	90% - 110%												
K	2.55	2.42	95%	90% - 110%					2.02	1.97	97%	90% - 110%	3.68	3.78	103%	90% - 110%
La	44	46	104%	90% - 110%	27.5	27.8	101%	90% - 110%								
Li	47	45.5	97%	90% - 110%									65.0	69.9	107%	90% - 110%
Lu	0.6	0.6	99%	90% - 110%												
Mg	1.1	1.1	97%	90% - 110%					2.41	2.37	98%	90% - 110%				
Mn	780	766	98%	90% - 110%												
Mo	14	14	97%	90% - 110%												
Nb	20	18	92%	90% - 110%	22.6	21.7	96%	90% - 110%								
Nd					27.3	28.4	104%	90% - 110%								
Ni	32	35	108%	90% - 110%												
P													0.061	0.059	96%	90% - 110%
Pb	31	31	101%	90% - 110%												
Rb	144	145	101%	90% - 110%	85.4	90.3	105%	90% - 110%								
Sb	0.8	0.8	104%	90% - 110%												
Sc	12	13	105%	90% - 110%												
Si	28.4	28.3	100%	90% - 110%					23.65	24.42	103%	90% - 110%	24.4	25.4	104%	90% - 110%
Sm	7.4	8	108%	90% - 110%												
Sr	144	152	106%	90% - 110%									310	338	109%	90% - 110%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Ta	1.9	1.8	92%	90% - 110%												
Tb	1.2	1.2	101%	90% - 110%												
Th	18.4	19.1	104%	90% - 110%												
Ti	0.527	0.517	98%	90% - 110%									0.222	0.224	101%	90% - 110%
U	5.7	5.7	100%	90% - 110%												
V	77	78	102%	90% - 110%												
W	5	5	99%	90% - 110%												
Y	40	40	99%	90% - 110%	25.3	25.8	102%	90% - 110%								
Yb					2.66	3.06	115%	90% - 110%								
Zn	130	117	90%	90% - 110%									75.4	79	105%	90% - 110%
Zr	390	373	96%	90% - 110%	157	168	107%	90% - 110%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O731157

PROJECT: 2021 Surimeau DDH Batch 21

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O731157

PROJECT: 2021 Surimeau DDH Batch 21

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O731157

PROJECT: 2021 Surimeau DDH Batch 21

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 22

AGAT WORK ORDER: 21O731161

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Jun 08, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731161

PROJECT: 2021 Surimeau DDH Batch 22

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
46551 (2322310)	4.33
46552 (2322311)	0.72
46553 (2322312)	4.46
46554 (2322313)	3.90
46555 (2322314)	0.06
46556 (2322315)	4.23
46557 (2322316)	4.00
46558 (2322317)	4.17
46559 (2322318)	4.09
46560 (2322319)	4.38
46561 (2322320)	4.36
46562 C-DUP (2322321)	-
46563 (2322322)	4.13
46564 (2322323)	2.19
46565 (2322324)	2.08
46566 (2322325)	4.83
46567 (2322326)	4.25
46568 (2322327)	4.23
46569 (2322328)	4.32
46570 (2322329)	2.80
46571 (2322330)	3.32
46572 (2322331)	0.72
46573 (2322332)	3.10
46574 (2322333)	3.10
46575 (2322334)	3.07
46576 (2322335)	3.53
46577 (2322336)	2.14
46578 (2322337)	2.53
46579 (2322338)	3.60
46580 (2322339)	4.28
46581 (2322340)	2.50

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731161

PROJECT: 2021 Surimeau DDH Batch 22

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
46582 (2322341)	2.63
46583 (2322342)	4.18
46584 (2322343)	4.93
46585 (2322344)	4.44
46586 (2322345)	2.37
46587 (2322346)	2.03
46588 (2322347)	4.14
46589 (2322348)	4.36
46590 (2322349)	4.26
46591 (2322350)	2.68
46592 (2322351)	2.21
46593 (2322352)	4.42
46594 (2322353)	4.25
46595 C-DUP (2322354)	-
46596 (2322355)	4.28
46597 (2322356)	4.60
46598 (2322357)	4.45
46599 (2322358)	4.36
46600 (2322359)	4.36

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731161

PROJECT: 2021 Surimeau DDH Batch 22

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
46551 (2322310)	<1	2.67	<5	<20	17.2	<5	0.3	8.47	<0.2	3.6	83.4	0.193	0.1	64
46552 (2322311)	<1	0.13	<5	<20	24.5	<5	<0.1	35.9	<0.2	1.0	0.6	<0.005	<0.1	6
46553 (2322312)	<1	3.31	<5	23	3.3	<5	0.5	8.37	<0.2	1.6	106	0.241	0.2	62
46554 (2322313)	<1	2.56	<5	<20	9.3	<5	0.4	13.9	<0.2	1.7	77.0	0.192	0.4	48
46555 (2322314)	4	1.02	27	76	59.2	<5	0.8	2.43	1.1	12.7	1250	0.025	0.7	14200
46556 (2322315)	2	2.88	<5	<20	3.8	<5	0.3	11.5	<0.2	1.8	79.0	0.200	0.2	47
46557 (2322316)	<1	2.61	<5	<20	68.0	<5	0.4	10.9	<0.2	4.1	81.9	0.187	2.0	70
46558 (2322317)	<1	3.47	<5	<20	205	<5	0.4	6.42	<0.2	7.5	95.7	0.214	6.4	68
46559 (2322318)	<1	3.24	<5	<20	15.0	<5	0.5	6.55	<0.2	1.2	98.3	0.233	0.6	77
46560 (2322319)	<1	3.78	<5	21	59.0	<5	0.5	7.73	<0.2	3.0	101	0.253	2.1	54
46561 (2322320)	1	2.75	<5	<20	8.2	<5	0.3	11.2	<0.2	1.9	82.2	0.195	0.1	46
46562 C-DUP (2322321)	1	2.72	<5	<20	4.3	<5	0.3	11.1	<0.2	1.7	82.4	0.196	0.1	46
46563 (2322322)	<1	2.96	<5	<20	3.2	<5	0.2	8.64	<0.2	1.7	86.7	0.203	0.2	52
46564 (2322323)	2	3.58	<5	<20	4.0	<5	0.2	8.13	<0.2	1.3	90.0	0.256	0.2	43
46565 (2322324)	<1	3.58	<5	<20	9.6	<5	0.4	8.34	<0.2	2.6	91.2	0.252	0.4	44
46566 (2322325)	<1	3.69	<5	<20	23.9	<5	0.5	12.5	<0.2	2.8	103	0.267	0.5	64
46567 (2322326)	<1	3.96	<5	<20	165	<5	0.2	7.31	<0.2	8.6	83.7	0.202	3.0	42
46568 (2322327)	<1	3.91	<5	<20	155	<5	0.5	17.2	<0.2	3.2	109	0.278	0.1	44
46569 (2322328)	1	3.54	<5	<20	141	<5	0.2	13.6	<0.2	12.5	81.6	0.203	0.1	39
46570 (2322329)	1	3.08	<5	<20	143	<5	0.2	15.5	<0.2	3.3	90.8	0.208	3.2	55
46571 (2322330)	<1	6.49	<5	<20	930	<5	0.1	4.33	<0.2	56.3	55.0	0.116	8.0	35
46572 (2322331)	<1	0.09	<5	<20	58.8	<5	<0.1	35.4	<0.2	1.1	0.9	<0.005	0.1	15
46573 (2322332)	2	6.31	<5	<20	645	<5	<0.1	6.21	<0.2	55.9	43.9	0.099	3.0	53
46574 (2322333)	<1	5.47	<5	<20	595	<5	0.2	15.2	<0.2	51.4	56.6	0.137	1.1	100
46575 (2322334)	3	4.32	<5	<20	645	<5	0.2	7.14	<0.2	22.7	71.3	0.180	4.2	14
46576 (2322335)	1	9.93	<5	<20	585	<5	<0.1	2.27	<0.2	121	8.9	0.007	0.5	99
46577 (2322336)	1	2.48	<5	<20	325	<5	0.2	8.28	<0.2	3.1	68.7	0.160	4.8	34
46578 (2322337)	<1	9.56	<5	<20	755	<5	0.2	2.89	<0.2	117	11.2	0.022	0.2	63
46579 (2322338)	<1	8.17	<5	<20	629	<5	0.1	3.38	<0.2	94.0	21.0	0.047	1.5	53
46580 (2322339)	<1	2.51	<5	<20	10.7	<5	0.3	8.45	<0.2	3.4	88.9	0.188	0.3	92
46581 (2322340)	1	3.06	<5	21	2.4	<5	0.4	3.45	<0.2	0.9	102	0.227	0.2	42
46582 (2322341)	2	3.06	<5	<20	177	<5	0.3	18.4	<0.2	3.5	91.7	0.219	1.1	52

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731161

PROJECT: 2021 Surimeau DDH Batch 22

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
46583 (2322342)	1	3.68	<5	<20	71.6	<5	0.2	13.4	<0.2	10.0	90.7	0.234	0.4	36
46584 (2322343)	2	3.27	<5	<20	60.3	<5	0.5	8.26	<0.2	2.0	105	0.241	1.9	66
46585 (2322344)	<1	2.84	<5	<20	3.6	<5	0.3	4.32	<0.2	1.3	93.1	0.208	0.6	33
46586 (2322345)	2	3.31	<5	23	15.4	<5	0.3	11.0	<0.2	1.6	86.0	0.224	1.3	38
46587 (2322346)	2	3.54	<5	22	8.0	<5	0.4	4.99	<0.2	1.5	95.9	0.239	0.2	43
46588 (2322347)	2	3.24	<5	<20	35.7	<5	0.5	7.06	<0.2	2.1	87.7	0.233	1.5	55
46589 (2322348)	<1	3.38	<5	21	2.2	<5	0.6	4.99	<0.2	1.7	96.9	0.235	0.5	50
46590 (2322349)	<1	4.23	<5	<20	124	<5	0.4	4.88	<0.2	3.0	96.3	0.245	4.3	42
46591 (2322350)	<1	3.14	<5	<20	2.5	<5	0.4	6.70	<0.2	1.6	90.2	0.219	0.1	62
46592 (2322351)	6	3.13	<5	<20	2.2	<5	0.4	6.46	<0.2	1.4	92.7	0.217	0.2	58
46593 (2322352)	3	2.57	<5	21	1.3	<5	0.6	6.56	<0.2	1.5	94.9	0.211	0.2	81
46594 (2322353)	1	3.80	<5	22	5.9	<5	0.4	4.88	<0.2	1.5	98.7	0.274	0.3	51
46595 C-DUP (2322354)	<1	3.77	<5	21	2.7	<5	0.3	4.92	<0.2	1.5	101	0.266	0.5	53
46596 (2322355)	3	3.31	<5	<20	152	<5	0.4	6.33	<0.2	7.1	86.6	0.200	3.7	52
46597 (2322356)	1	3.32	<5	<20	5.1	<5	0.2	5.89	<0.2	5.0	83.5	0.208	0.2	54
46598 (2322357)	<1	3.08	<5	21	3.8	<5	0.5	5.24	<0.2	1.2	94.0	0.214	0.4	71
46599 (2322358)	3	3.81	<5	22	43.6	<5	0.5	6.94	<0.2	2.1	102	0.271	1.8	59
46600 (2322359)	1	2.54	<5	<20	27.8	<5	0.4	12.9	<0.2	1.5	81.1	0.187	2.1	53

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731161

PROJECT: 2021 Surimeau DDH Batch 22

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
46551 (2322310)	1.18	0.83	0.15	6.46	6.58	1.00	2	<1	0.31	<0.2	<0.05	1.5	<10	0.10
46552 (2322311)	0.26	0.12	<0.05	0.11	0.43	0.25	1	<1	<0.05	<0.2	<0.05	1.2	<10	<0.05
46553 (2322312)	1.35	0.83	0.17	6.91	7.50	0.96	2	<1	0.26	<0.2	<0.05	0.5	<10	0.15
46554 (2322313)	1.12	0.76	0.27	5.94	6.56	0.80	2	<1	0.21	<0.2	<0.05	0.7	<10	0.11
46555 (2322314)	1.00	0.57	0.27	34.8	3.21	1.21	1	<1	0.18	<0.2	0.09	6.6	<10	0.10
46556 (2322315)	1.18	0.75	0.19	6.48	6.53	0.91	1	<1	0.24	<0.2	<0.05	0.7	<10	0.10
46557 (2322316)	1.06	0.67	0.19	6.16	6.54	0.93	2	<1	0.21	<0.2	0.26	1.8	<10	0.09
46558 (2322317)	1.18	0.62	0.16	6.72	9.16	1.13	2	<1	0.23	<0.2	0.77	3.1	29	0.10
46559 (2322318)	1.00	0.78	0.09	6.94	7.97	0.84	2	<1	0.22	<0.2	<0.05	0.4	<10	0.08
46560 (2322319)	1.42	0.90	0.33	7.21	8.64	1.19	2	<1	0.27	<0.2	0.24	0.9	11	0.14
46561 (2322320)	1.16	0.82	0.24	6.42	6.39	0.90	1	<1	0.26	<0.2	<0.05	1.0	<10	0.11
46562 C-DUP (2322321)	1.13	0.75	0.25	6.40	6.51	0.91	2	<1	0.25	<0.2	<0.05	0.7	<10	0.07
46563 (2322322)	1.22	0.88	0.12	6.82	6.98	1.03	2	<1	0.29	<0.2	<0.05	0.6	<10	0.11
46564 (2322323)	1.20	0.94	0.19	7.39	8.38	0.99	1	<1	0.27	<0.2	<0.05	0.5	13	0.05
46565 (2322324)	1.24	0.87	0.27	7.30	8.44	1.09	2	<1	0.28	<0.2	0.05	1.1	13	0.12
46566 (2322325)	1.90	1.10	0.53	7.02	7.96	1.49	1	<1	0.38	<0.2	0.11	1.2	<10	0.18
46567 (2322326)	1.70	0.98	0.34	7.28	9.79	1.62	2	<1	0.34	<0.2	0.41	3.4	15	0.12
46568 (2322327)	2.16	1.41	0.51	6.24	9.28	1.60	<1	<1	0.44	<0.2	0.17	1.8	20	0.23
46569 (2322328)	1.70	1.02	0.52	6.93	8.98	1.64	1	1	0.28	<0.2	0.23	5.4	12	0.11
46570 (2322329)	1.83	1.12	0.32	5.71	8.74	1.33	2	<1	0.34	<0.2	0.46	1.7	37	0.18
46571 (2322330)	1.83	0.87	1.33	4.59	18.1	3.63	2	4	0.33	<0.2	1.58	27.1	66	0.09
46572 (2322331)	0.18	0.15	<0.05	0.16	0.39	0.24	2	<1	<0.05	<0.2	<0.05	1.2	<10	<0.05
46573 (2322332)	1.99	0.86	1.33	4.20	19.7	3.82	1	3	0.34	<0.2	0.55	26.8	38	0.08
46574 (2322333)	2.18	1.15	1.24	3.95	15.1	3.83	<1	3	0.44	<0.2	0.28	23.7	19	0.15
46575 (2322334)	1.45	0.75	0.60	6.17	13.7	2.11	2	2	0.31	<0.2	0.73	10.0	38	0.08
46576 (2322335)	2.59	0.80	2.59	2.22	24.9	7.08	<1	7	0.32	<0.2	0.14	55.1	<10	0.08
46577 (2322336)	1.29	0.92	0.18	6.06	9.69	1.02	2	<1	0.29	<0.2	0.87	1.4	39	0.10
46578 (2322337)	2.42	0.89	2.07	2.66	23.7	6.49	<1	6	0.32	<0.2	0.11	56.0	14	<0.05
46579 (2322338)	1.91	0.91	1.87	3.17	23.2	5.79	1	5	0.36	<0.2	0.28	44.2	20	<0.05
46580 (2322339)	1.17	0.86	<0.05	6.12	6.35	0.99	2	<1	0.23	<0.2	<0.05	2.0	<10	0.12
46581 (2322340)	1.02	0.62	<0.05	7.19	7.67	0.64	2	<1	0.17	<0.2	<0.05	0.5	<10	0.07
46582 (2322341)	1.84	1.25	0.50	5.89	6.50	1.41	1	<1	0.36	<0.2	0.16	2.1	21	0.19

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731161

PROJECT: 2021 Surimeau DDH Batch 22

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
46583 (2322342)	1.48	1.05	0.38	6.80	9.81	1.61	1	<1	0.32	<0.2	0.09	4.7	14	0.16
46584 (2322343)	1.39	1.06	0.28	7.15	7.45	1.10	2	<1	0.29	<0.2	0.21	0.7	<10	0.14
46585 (2322344)	1.07	0.66	0.11	6.76	6.89	0.74	2	<1	0.20	<0.2	<0.05	0.6	<10	0.09
46586 (2322345)	1.43	0.82	0.32	7.38	7.15	0.95	2	<1	0.27	<0.2	<0.05	0.7	15	0.12
46587 (2322346)	1.18	0.76	0.06	7.38	7.88	0.89	1	<1	0.24	<0.2	<0.05	0.5	<10	0.12
46588 (2322347)	1.24	0.96	0.29	7.05	6.84	1.00	1	<1	0.28	<0.2	0.12	0.7	<10	0.15
46589 (2322348)	1.34	0.93	0.23	7.16	7.76	0.89	2	<1	0.30	<0.2	<0.05	0.7	<10	0.13
46590 (2322349)	1.61	1.13	0.31	7.91	9.51	1.27	2	<1	0.37	<0.2	0.46	1.1	11	0.18
46591 (2322350)	1.29	0.86	0.18	7.16	6.96	0.94	2	<1	0.26	<0.2	<0.05	0.5	<10	0.09
46592 (2322351)	1.46	0.95	0.24	7.12	6.91	0.93	2	<1	0.25	<0.2	<0.05	0.4	<10	0.13
46593 (2322352)	1.38	0.74	0.27	6.62	5.83	0.89	2	<1	0.30	<0.2	<0.05	0.5	<10	0.13
46594 (2322353)	1.45	0.89	0.21	8.01	8.33	0.98	2	<1	0.27	<0.2	<0.05	0.5	<10	0.11
46595 C-DUP (2322354)	1.54	1.03	0.22	7.98	8.41	1.00	2	<1	0.29	<0.2	<0.05	0.6	<10	0.10
46596 (2322355)	1.87	1.02	0.37	7.26	7.24	1.52	2	<1	0.41	<0.2	0.42	2.7	10	0.14
46597 (2322356)	1.37	0.93	0.30	7.22	7.23	1.27	2	<1	0.31	<0.2	<0.05	2.1	<10	0.12
46598 (2322357)	0.95	0.61	0.14	6.67	7.50	0.68	2	<1	0.21	<0.2	<0.05	0.5	<10	0.09
46599 (2322358)	1.51	0.93	0.50	7.71	8.71	1.21	2	<1	0.33	<0.2	0.22	0.9	11	0.13
46600 (2322359)	1.13	0.83	0.14	5.97	6.56	0.80	2	<1	0.25	<0.2	0.30	0.8	16	0.10

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731161

PROJECT: 2021 Surimeau DDH Batch 22

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
46551 (2322310)	13.1	1170	<2	<1	2.4	1160	0.01	<5	0.48	0.4	0.24	<0.1	19	22.4
46552 (2322311)	1.43	92	<2	<1	1.1	<5	<0.01	<5	0.26	0.2	0.05	<0.1	<5	4.15
46553 (2322312)	12.2	1360	<2	<1	1.8	1390	<0.01	<5	0.24	0.8	0.23	<0.1	22	20.4
46554 (2322313)	10.4	1750	<2	<1	1.5	1110	<0.01	<5	0.25	1.4	0.15	<0.1	18	18.6
46555 (2322314)	1.81	567	<2	1	5.9	22300	<0.01	43	1.68	4.2	23.3	0.4	9	7.14
46556 (2322315)	11.4	1400	<2	<1	1.1	1040	<0.01	<5	0.29	<0.2	0.14	<0.1	20	19.1
46557 (2322316)	11.8	1250	<2	<1	2.7	1190	<0.01	<5	0.55	10.7	0.18	<0.1	18	20.8
46558 (2322317)	13.2	1090	<2	<1	4.3	1370	<0.01	9	1.06	36.6	0.13	<0.1	20	23.1
46559 (2322318)	13.7	1160	<2	<1	1.2	1460	<0.01	<5	0.19	1.6	0.23	<0.1	22	23.1
46560 (2322319)	12.7	1440	<2	<1	2.3	1360	<0.01	<5	0.41	9.2	0.12	<0.1	24	22.0
46561 (2322320)	12.0	1540	<2	<1	1.7	1080	<0.01	<5	0.29	<0.2	0.10	<0.1	19	20.3
46562 C-DUP (2322321)	12.0	1530	<2	<1	1.3	1090	<0.01	<5	0.23	0.6	0.10	<0.1	19	20.2
46563 (2322322)	12.7	1450	<2	<1	1.4	1080	<0.01	<5	0.29	0.7	0.08	<0.1	21	22.0
46564 (2322323)	12.5	1480	<2	<1	1.5	1130	<0.01	<5	0.23	1.0	0.07	<0.1	25	21.5
46565 (2322324)	12.3	1490	<2	<1	2.5	1110	<0.01	<5	0.40	2.3	0.08	<0.1	24	21.5
46566 (2322325)	9.10	1990	2	<1	2.2	1310	<0.01	<5	0.43	4.2	0.12	<0.1	26	19.9
46567 (2322326)	12.1	1410	<2	1	5.1	1010	0.02	<5	1.14	18.0	0.05	<0.1	24	22.8
46568 (2322327)	5.07	2520	<2	<1	2.8	1320	<0.01	7	0.59	6.0	0.08	<0.1	28	17.9
46569 (2322328)	7.65	2110	<2	1	7.8	1020	0.03	<5	1.65	2.8	0.07	<0.1	23	20.5
46570 (2322329)	7.16	2340	<2	<1	2.7	1150	<0.01	8	0.57	23.2	0.48	<0.1	21	19.2
46571 (2322330)	7.23	750	3	4	28.2	689	0.03	10	6.75	70.7	0.08	<0.1	13	26.7
46572 (2322331)	2.88	116	<2	<1	0.8	8	<0.01	<5	0.21	0.8	0.06	<0.1	<5	4.13
46573 (2322332)	5.31	968	3	4	26.6	531	0.04	8	6.61	24.7	0.22	<0.1	12	26.4
46574 (2322333)	2.97	1830	2	4	23.9	638	0.04	18	6.37	12.9	0.40	<0.1	14	19.8
46575 (2322334)	10.2	1330	<2	3	11.8	939	0.01	8	2.67	33.2	<0.01	<0.1	18	25.3
46576 (2322335)	0.90	325	6	8	59.5	14	0.09	17	14.3	7.0	0.30	<0.1	<5	30.4
46577 (2322336)	11.7	1410	<2	<1	2.5	875	0.02	19	0.43	41.5	0.06	<0.1	16	24.3
46578 (2322337)	1.39	421	4	7	58.6	80	0.08	21	13.8	3.3	0.27	<0.1	<5	29.7
46579 (2322338)	3.33	523	5	6	46.8	207	0.07	15	11.7	14.7	0.13	<0.1	7	28.8
46580 (2322339)	13.8	1070	<2	<1	1.9	1310	0.01	<5	0.39	1.5	0.70	<0.1	18	20.7
46581 (2322340)	16.5	856	<2	<1	0.9	1650	<0.01	<5	0.16	0.5	0.46	<0.1	20	23.1
46582 (2322341)	6.16	2860	<2	<1	2.5	1150	<0.01	<5	0.46	8.1	0.12	<0.1	21	15.7

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731161

PROJECT: 2021 Surimeau DDH Batch 22

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
46583 (2322342)	7.03	2470	<2	<1	5.6	1100	0.01	<5	1.21	2.3	0.02	<0.1	23	20.7
46584 (2322343)	13.3	1830	<2	<1	1.9	1390	<0.01	<5	0.29	11.2	0.35	<0.1	23	20.3
46585 (2322344)	16.1	1010	<2	<1	1.1	1430	<0.01	<5	0.24	0.5	0.44	<0.1	19	22.1
46586 (2322345)	11.7	1600	<2	<1	1.5	1080	<0.01	<5	0.27	3.0	0.12	<0.1	23	17.8
46587 (2322346)	15.5	1180	<2	<1	1.7	1250	<0.01	<5	0.27	0.8	0.11	<0.1	24	20.1
46588 (2322347)	14.4	1330	<2	<1	2.2	1200	<0.01	<5	0.31	8.6	0.13	<0.1	22	17.8
46589 (2322348)	15.7	1230	<2	<1	1.9	1340	<0.01	<5	0.27	0.5	0.12	<0.1	20	19.3
46590 (2322349)	14.2	1170	<2	<1	2.6	1050	0.01	<5	0.45	26.8	0.10	<0.1	27	19.7
46591 (2322350)	14.5	1220	<2	<1	1.3	1170	<0.01	<5	0.20	0.5	0.16	<0.1	22	20.5
46592 (2322351)	14.4	1170	<2	<1	1.0	1150	<0.01	<5	0.24	0.8	0.14	<0.1	23	20.8
46593 (2322352)	14.6	1260	<2	<1	1.3	1460	<0.01	<5	0.24	<0.2	0.23	0.1	19	21.3
46594 (2322353)	15.5	1290	<2	<1	1.0	1290	<0.01	<5	0.27	1.1	0.14	<0.1	26	20.2
46595 C-DUP (2322354)	15.4	1300	<2	<1	1.3	1260	<0.01	<5	0.28	0.9	0.13	<0.1	26	20.3
46596 (2322355)	14.4	1350	<2	1	5.0	1120	0.03	<5	0.90	25.6	0.16	<0.1	21	21.7
46597 (2322356)	14.6	1200	<2	<1	3.2	1020	0.01	<5	0.83	0.2	0.15	<0.1	21	21.2
46598 (2322357)	14.8	1130	<2	<1	1.0	1400	<0.01	<5	0.16	0.3	0.24	<0.1	20	22.0
46599 (2322358)	12.6	1800	<2	<1	1.9	1330	<0.01	<5	0.37	10.1	0.22	<0.1	27	21.0
46600 (2322359)	9.67	1910	<2	<1	1.5	1130	<0.01	7	0.21	13.3	0.28	<0.1	18	20.2

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731161

PROJECT: 2021 Surimeau DDH Batch 22

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
46551 (2322310)	0.7	<1	104	<0.5	0.19	0.1	0.14	<0.5	0.12	0.05	103	<1	7.4	0.9
46552 (2322311)	0.2	<1	74.3	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.11	<5	<1	2.7	0.1
46553 (2322312)	0.4	<1	107	<0.5	0.19	<0.1	0.19	<0.5	0.14	<0.05	126	<1	7.9	0.9
46554 (2322313)	0.6	<1	286	<0.5	0.15	<0.1	0.15	<0.5	0.09	<0.05	104	<1	5.5	0.7
46555 (2322314)	1.4	2	32.2	<0.5	0.18	1.0	0.11	<0.5	0.09	0.22	78	4	4.7	0.6
46556 (2322315)	0.5	1	211	<0.5	0.16	<0.1	0.16	<0.5	0.11	<0.05	108	<1	6.3	0.8
46557 (2322316)	0.5	<1	193	<0.5	0.17	0.3	0.14	<0.5	0.13	0.05	97	<1	6.1	0.6
46558 (2322317)	1.1	<1	29.0	<0.5	0.19	0.7	0.18	<0.5	0.11	0.18	107	<1	6.8	0.7
46559 (2322318)	0.4	<1	23.2	<0.5	0.16	<0.1	0.18	<0.5	0.12	<0.05	115	<1	5.7	0.7
46560 (2322319)	0.7	<1	61.7	<0.5	0.20	0.1	0.22	<0.5	0.13	<0.05	138	<1	8.0	0.8
46561 (2322320)	0.5	<1	165	<0.5	0.16	<0.1	0.16	<0.5	0.10	<0.05	106	<1	6.9	0.7
46562 C-DUP (2322321)	0.5	<1	165	<0.5	0.16	<0.1	0.16	<0.5	0.10	<0.05	104	<1	7.0	0.7
46563 (2322322)	0.7	<1	85.3	<0.5	0.19	<0.1	0.16	<0.5	0.09	<0.05	120	<1	7.4	0.7
46564 (2322323)	0.4	<1	78.3	<0.5	0.19	<0.1	0.21	<0.5	0.11	<0.05	141	<1	6.5	0.7
46565 (2322324)	0.9	<1	93.1	<0.5	0.20	0.2	0.21	<0.5	0.12	0.06	135	<1	7.9	0.7
46566 (2322325)	0.9	<1	145	<0.5	0.26	<0.1	0.21	<0.5	0.16	<0.05	145	<1	12.6	1.2
46567 (2322326)	1.4	<1	102	<0.5	0.26	0.6	0.26	<0.5	0.13	0.28	139	<1	8.2	1.0
46568 (2322327)	1.1	<1	247	<0.5	0.29	<0.1	0.23	<0.5	0.21	0.25	158	4	13.4	1.4
46569 (2322328)	1.3	<1	229	<0.5	0.25	0.7	0.20	<0.5	0.12	0.32	131	<1	8.2	0.9
46570 (2322329)	0.8	<1	254	<0.5	0.23	<0.1	0.17	<0.5	0.18	0.23	124	<1	11.1	1.1
46571 (2322330)	5.0	1	830	<0.5	0.43	4.2	0.24	0.6	0.09	1.28	79	5	9.5	0.6
46572 (2322331)	0.1	<1	75.3	<0.5	<0.05	0.1	<0.01	<0.5	<0.05	0.12	<5	<1	2.5	0.1
46573 (2322332)	4.7	2	808	<0.5	0.46	3.9	0.23	<0.5	0.12	1.38	78	<1	10.1	0.7
46574 (2322333)	4.7	2	1070	<0.5	0.49	3.4	0.24	<0.5	0.14	1.25	89	<1	11.8	1.0
46575 (2322334)	2.6	1	483	<0.5	0.29	1.6	0.20	<0.5	0.10	0.66	109	<1	7.3	0.7
46576 (2322335)	10.4	2	1700	<0.5	0.73	9.0	0.32	<0.5	0.10	2.72	47	<1	10.6	0.5
46577 (2322336)	0.8	1	89.5	<0.5	0.18	0.1	0.13	<0.5	0.10	0.19	107	<1	6.5	0.7
46578 (2322337)	10.2	1	1950	<0.5	0.69	8.3	0.30	<0.5	0.10	2.64	53	<1	10.7	0.5
46579 (2322338)	7.5	1	1390	<0.5	0.60	6.8	0.27	<0.5	0.08	2.07	58	<1	8.2	0.6
46580 (2322339)	0.5	<1	131	<0.5	0.17	<0.1	0.14	<0.5	0.11	0.06	95	<1	6.6	0.7
46581 (2322340)	0.5	<1	16.6	<0.5	0.12	<0.1	0.16	<0.5	0.06	<0.05	96	<1	4.4	0.5
46582 (2322341)	0.7	<1	336	<0.5	0.26	<0.1	0.17	<0.5	0.16	<0.05	119	<1	12.8	1.1

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731161

PROJECT: 2021 Surimeau DDH Batch 22

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
46583 (2322342)	1.2	<1	181	<0.5	0.26	0.6	0.20	<0.5	0.17	0.23	134	<1	9.8	1.0
46584 (2322343)	0.5	<1	120	<0.5	0.22	<0.1	0.19	<0.5	0.15	<0.05	131	<1	8.8	0.9
46585 (2322344)	0.4	<1	45.2	<0.5	0.14	<0.1	0.16	<0.5	0.10	<0.05	102	<1	4.6	0.7
46586 (2322345)	0.5	<1	158	<0.5	0.17	<0.1	0.19	<0.5	0.12	<0.05	126	<1	5.8	0.7
46587 (2322346)	0.5	<1	61.9	<0.5	0.17	<0.1	0.19	<0.5	0.11	<0.05	131	<1	6.6	0.8
46588 (2322347)	0.4	<1	135	<0.5	0.19	<0.1	0.19	<0.5	0.13	<0.05	125	<1	7.4	0.9
46589 (2322348)	0.6	<1	81.6	<0.5	0.16	<0.1	0.19	<0.5	0.10	<0.05	118	<1	6.9	0.8
46590 (2322349)	0.9	<1	56.0	<0.5	0.24	0.3	0.22	<0.5	0.16	0.11	147	<1	9.5	1.1
46591 (2322350)	0.7	<1	81.3	<0.5	0.18	<0.1	0.18	<0.5	0.10	<0.05	126	<1	5.9	0.8
46592 (2322351)	0.6	<1	72.0	<0.5	0.17	<0.1	0.17	<0.5	0.13	<0.05	122	<1	7.3	0.7
46593 (2322352)	0.6	<1	80.6	<0.5	0.15	<0.1	0.15	<0.5	0.10	<0.05	106	<1	6.7	0.9
46594 (2322353)	0.6	<1	58.0	<0.5	0.18	<0.1	0.22	<0.5	0.12	<0.05	151	<1	7.0	0.8
46595 C-DUP (2322354)	1.0	<1	58.9	<0.5	0.18	<0.1	0.22	<0.5	0.12	<0.05	146	<1	7.9	0.9
46596 (2322355)	1.0	<1	61.8	<0.5	0.27	0.7	0.21	<0.5	0.14	0.20	124	<1	9.2	1.0
46597 (2322356)	1.0	<1	50.9	<0.5	0.22	0.3	0.20	<0.5	0.11	0.08	121	<1	8.9	0.8
46598 (2322357)	0.5	<1	30.6	<0.5	0.14	<0.1	0.16	<0.5	0.09	<0.05	99	<1	6.3	0.7
46599 (2322358)	0.9	1	73.5	<0.5	0.21	<0.1	0.21	<0.5	0.17	<0.05	150	<1	9.6	1.0
46600 (2322359)	0.6	<1	182	<0.5	0.16	<0.1	0.14	<0.5	0.07	<0.05	97	<1	6.1	0.7

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731161

PROJECT: 2021 Surimeau DDH Batch 22

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
46551 (2322310)	56	13.6
46552 (2322311)	<5	1.8
46553 (2322312)	58	18.1
46554 (2322313)	54	13.3
46555 (2322314)	54	31.3
46556 (2322315)	56	12.9
46557 (2322316)	55	18.4
46558 (2322317)	76	29.5
46559 (2322318)	62	14.8
46560 (2322319)	62	19.4
46561 (2322320)	54	12.4
46562 C-DUP (2322321)	49	18.0
46563 (2322322)	56	16.2
46564 (2322323)	67	17.2
46565 (2322324)	67	20.2
46566 (2322325)	65	18.1
46567 (2322326)	65	31.2
46568 (2322327)	72	19.9
46569 (2322328)	71	32.9
46570 (2322329)	59	15.4
46571 (2322330)	70	124
46572 (2322331)	7	2.8
46573 (2322332)	74	118
46574 (2322333)	68	103
46575 (2322334)	106	56.5
46576 (2322335)	59	228
46577 (2322336)	177	13.4
46578 (2322337)	83	219
46579 (2322338)	86	176
46580 (2322339)	53	16.2
46581 (2322340)	55	15.4
46582 (2322341)	62	15.5

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731161

PROJECT: 2021 Surimeau DDH Batch 22

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
46583 (2322342)	66	28.8
46584 (2322343)	62	14.7
46585 (2322344)	53	15.0
46586 (2322345)	66	15.4
46587 (2322346)	64	19.1
46588 (2322347)	60	17.8
46589 (2322348)	59	18.1
46590 (2322349)	72	25.5
46591 (2322350)	61	14.5
46592 (2322351)	62	16.5
46593 (2322352)	60	16.8
46594 (2322353)	82	18.1
46595 C-DUP (2322354)	70	19.6
46596 (2322355)	62	22.8
46597 (2322356)	58	19.0
46598 (2322357)	53	14.4
46599 (2322358)	70	18.9
46600 (2322359)	57	12.0

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731161

PROJECT: 2021 Surimeau DDH Batch 22

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
46551 (2322310)	86.47
46570 (2322329)	88.11
46590 (2322349)	78.05

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731161

PROJECT: 2021 Surimeau DDH Batch 22

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 08, 2021 | SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
46551 (2322310)		88.16
46571 (2322330)		86.88

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O731161

PROJECT: 2021 Surimeau DDH Batch 22

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2322310	< 1	< 1	0.0%	2322324	< 1	< 1	0.0%	2322335	1	1	0.0%	2322350	< 1	1	
Al	2322310	2.67	2.68	0.4%	2322324	3.58	3.67	2.5%	2322335	9.93	9.99	0.6%	2322350	3.14	3.10	1.3%
As	2322310	< 5	< 5	0.0%	2322324	< 5	< 5	0.0%	2322335	< 5	< 5	0.0%	2322350	< 5	< 5	0.0%
B	2322310	< 20	< 20	0.0%	2322324	18	20	10.5%	2322335	< 20	< 20	0.0%	2322350	< 20	< 20	0.0%
Ba	2322310	17.2	20.8	18.9%	2322324	9.58	9.76	1.9%	2322335	585	593	1.4%	2322350	2.5	2.8	11.3%
Be	2322310	< 5	< 5	0.0%	2322324	< 5	< 5	0.0%	2322335	< 5	< 5	0.0%	2322350	< 5	< 5	0.0%
Bi	2322310	0.3	0.3	0.0%	2322324	0.38	0.30	23.5%	2322335	< 0.1	0.1		2322350	0.4	0.4	0.0%
Ca	2322310	8.47	8.37	1.2%	2322324	8.34	8.34	0.0%	2322335	2.27	2.28	0.4%	2322350	6.70	6.65	0.7%
Cd	2322310	< 0.2	< 0.2	0.0%	2322324	< 0.2	< 0.2	0.0%	2322335	< 0.2	< 0.2	0.0%	2322350	< 0.2	< 0.2	0.0%
Ce	2322310	3.62	3.81	5.1%	2322324	2.6	2.5	3.9%	2322335	121	112	7.7%	2322350	1.55	1.54	0.6%
Co	2322310	83.4	79.6	4.7%	2322324	91.2	89.5	1.9%	2322335	8.91	7.82	13.0%	2322350	90.2	93.5	3.6%
Cr	2322310	0.193	0.195	1.0%	2322324	0.252	0.256	1.6%	2322335	0.0072	0.0082	13.0%	2322350	0.219	0.222	1.4%
Cs	2322310	0.1	0.2		2322324	0.4	0.3	28.6%	2322335	0.5	0.3		2322350	0.1	0.1	0.0%
Cu	2322310	64	61	4.8%	2322324	44	43	2.3%	2322335	99	83	17.6%	2322350	62	64	3.2%
Dy	2322310	1.18	1.22	3.3%	2322324	1.24	1.18	5.0%	2322335	2.59	2.44	6.0%	2322350	1.29	1.27	1.6%
Er	2322310	0.828	0.760	8.6%	2322324	0.87	0.88	1.1%	2322335	0.798	0.709	11.8%	2322350	0.86	0.82	4.8%
Eu	2322310	0.153	0.171	11.1%	2322324	0.27	0.15		2322335	2.59	2.21	15.8%	2322350	0.18	0.27	
Fe	2322310	6.46	6.48	0.3%	2322324	7.30	7.32	0.3%	2322335	2.22	2.21	0.5%	2322350	7.16	7.16	0.0%
Ga	2322310	6.58	6.44	2.2%	2322324	8.44	8.42	0.2%	2322335	24.9	23.7	4.9%	2322350	6.96	6.91	0.7%
Gd	2322310	1.00	0.982	1.8%	2322324	1.09	1.08	0.9%	2322335	7.08	6.67	6.0%	2322350	0.940	0.881	6.5%
Ge	2322310	2	2	0.0%	2322324	2	1		2322335	< 1	< 1	0.0%	2322350	2	2	0.0%
Hf	2322310	< 1	< 1	0.0%	2322324	< 1	< 1	0.0%	2322335	7	6	15.4%	2322350	< 1	< 1	0.0%
Ho	2322310	0.305	0.260	15.9%	2322324	0.278	0.295	5.9%	2322335	0.32	0.35	9.0%	2322350	0.259	0.222	15.4%
In	2322310	< 0.2	< 0.2	0.0%	2322324	< 0.2	< 0.2	0.0%	2322335	< 0.2	< 0.2	0.0%	2322350	< 0.2	< 0.2	0.0%
K	2322310	< 0.05	< 0.05	0.0%	2322324	0.05	0.05	0.0%	2322335	0.144	0.124	14.9%	2322350	< 0.05	< 0.05	0.0%
La	2322310	1.52	1.85	19.6%	2322324	1.1	1.1	0.0%	2322335	55.1	53.5	2.9%	2322350	0.5	0.5	0.0%
Li	2322310	< 10	< 10	0.0%	2322324	13	10	26.1%	2322335	< 10	17		2322350	< 10	< 10	0.0%
Lu	2322310	0.10	0.10	0.0%	2322324	0.12	0.10	18.2%	2322335	0.076	0.062	20.3%	2322350	0.09	0.12	28.6%
Mg	2322310	13.1	12.9	1.5%	2322324	12.3	12.2	0.8%	2322335	0.90	0.90	0.0%	2322350	14.5	14.4	0.7%
Mn	2322310	1170	1160	0.9%	2322324	1490	1490	0.0%	2322335	325	326	0.3%	2322350	1220	1210	0.8%
Mo	2322310	< 2	< 2	0.0%	2322324	< 2	< 2	0.0%	2322335	6	6	0.0%	2322350	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2322310	< 1	< 1	0.0%	2322324	< 1	< 1	0.0%	2322335	8	7	13.3%	2322350	< 1	< 1	0.0%
Nd	2322310	2.42	2.70	10.9%	2322324	2.53	1.94	26.4%	2322335	59.5	55.5	7.0%	2322350	1.3	1.4	7.4%
Ni	2322310	1160	1120	3.5%	2322324	1110	1120	0.9%	2322335	14	15	6.9%	2322350	1170	1190	1.7%
P	2322310	0.01	0.01	0.0%	2322324	< 0.01	< 0.01	0.0%	2322335	0.09	0.09	0.0%	2322350	< 0.01	< 0.01	0.0%
Pb	2322310	< 5	< 5	0.0%	2322324	< 5	< 5	0.0%	2322335	17	17	0.0%	2322350	< 5	< 5	0.0%
Pr	2322310	0.478	0.515	7.5%	2322324	0.398	0.392	1.5%	2322335	14.3	13.9	2.8%	2322350	0.203	0.220	8.0%
Rb	2322310	0.42	0.33	24.0%	2322324	2.3	2.5	8.3%	2322335	7.0	5.1		2322350	0.5	0.6	18.2%
S	2322310	0.238	0.231	3.0%	2322324	0.08	0.08	0.0%	2322335	0.30	0.31	3.3%	2322350	0.16	0.16	0.0%
Sb	2322310	< 0.1	< 0.1	0.0%	2322324	< 0.1	< 0.1	0.0%	2322335	< 0.1	< 0.1	0.0%	2322350	< 0.1	< 0.1	0.0%
Sc	2322310	19	19	0.0%	2322324	24	25	4.1%	2322335	< 5	< 5	0.0%	2322350	22	23	4.4%
Si	2322310	22.4	22.2	0.9%	2322324	21.5	21.5	0.0%	2322335	30.4	30.6	0.7%	2322350	20.5	20.6	0.5%
Sm	2322310	0.7	0.7	0.0%	2322324	0.87	0.73	17.5%	2322335	10.4	10.0	3.9%	2322350	0.68	0.52	26.7%
Sn	2322310	< 1	< 1	0.0%	2322324	< 1	< 1	0.0%	2322335	2	1		2322350	< 1	< 1	0.0%
Sr	2322310	104	102	1.9%	2322324	93.1	91.9	1.3%	2322335	1700	1700	0.0%	2322350	81.3	80.7	0.7%
Ta	2322310	< 0.5	< 0.5	0.0%	2322324	< 0.5	< 0.5	0.0%	2322335	< 0.5	< 0.5	0.0%	2322350	< 0.5	< 0.5	0.0%
Tb	2322310	0.185	0.180	2.7%	2322324	0.20	0.20	0.0%	2322335	0.73	0.68	7.1%	2322350	0.175	0.170	2.9%
Th	2322310	0.1	0.1	0.0%	2322324	0.2	0.2	0.0%	2322335	9.0	8.3	8.1%	2322350	< 0.1	< 0.1	0.0%
Ti	2322310	0.14	0.16	13.3%	2322324	0.21	0.21	0.0%	2322335	0.32	0.32	0.0%	2322350	0.18	0.18	0.0%
Tl	2322310	< 0.5	< 0.5	0.0%	2322324	< 0.5	< 0.5	0.0%	2322335	< 0.5	< 0.5	0.0%	2322350	< 0.5	< 0.5	0.0%
Tm	2322310	0.12	0.09	28.6%	2322324	0.12	0.10	18.2%	2322335	0.097	0.091	6.4%	2322350	0.101	0.111	9.4%
U	2322310	0.05	0.05	0.0%	2322324	0.06	< 0.05		2322335	2.72	2.52	7.6%	2322350	< 0.05	< 0.05	0.0%
V	2322310	103	109	5.7%	2322324	135	137	1.5%	2322335	47	47	0.0%	2322350	126	127	0.8%
W	2322310	< 1	< 1	0.0%	2322324	< 1	< 1	0.0%	2322335	< 1	< 1	0.0%	2322350	< 1	< 1	0.0%
Y	2322310	7.35	6.98	5.2%	2322324	7.92	6.72	16.4%	2322335	10.6	9.2	14.1%	2322350	5.90	6.88	15.3%
Yb	2322310	0.9	0.8	11.8%	2322324	0.74	0.78	5.3%	2322335	0.5	0.4	22.2%	2322350	0.85	0.85	0.0%
Zn	2322310	56	53	5.5%	2322324	67	65	3.0%	2322335	59	62	5.0%	2322350	61	60	1.7%
Zr	2322310	13.6	16.4	18.7%	2322324	20.2	19.5	3.5%	2322335	228	220	3.6%	2322350	14.5	15.5	6.7%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O731161

PROJECT: 2021 Surimeau DDH Batch 22

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.27	98%	90% - 110%					6.94	7.02	101%	90% - 110%	13.0	13.1	100%	90% - 110%
As	26	27	103%	90% - 110%												
Ba	540	538	100%	90% - 110%									1310	1364	104%	90% - 110%
Be	4.0	4	100%	90% - 110%												
Ca	0.907	0.903	100%	90% - 110%					4.01	4.1	102%	90% - 110%	1.42	1.43	101%	90% - 110%
Ce	98	102	104%	90% - 110%	58.2	60.3	103%	90% - 110%								
Co	15	15	103%	90% - 110%												
Cu	150	156	104%	90% - 110%												
Er	3.7	4	108%	90% - 110%												
Fe	3.77	3.83	102%	90% - 110%					7.56	7.82	103%	90% - 110%	3.27	3.35	103%	90% - 110%
Ga					22.6	22.3	99%	90% - 110%								
Hf	11	11	98%	90% - 110%												
K	2.55	2.41	95%	90% - 110%					2.02	1.94	96%	90% - 110%	3.68	3.62	98%	90% - 110%
La	44	45	102%	90% - 110%	27.5	28.5	103%	90% - 110%								
Li	47	51	109%	90% - 110%									65.0	67.6	104%	90% - 110%
Lu	0.6	0.6	100%	90% - 110%												
Mg	1.1	1.1	102%	90% - 110%					2.41	2.49	103%	90% - 110%				
Mn	780	780	100%	90% - 110%												
Mo	14	15	104%	90% - 110%												
Nb	20	19	96%	90% - 110%	22.6	22.6	100%	90% - 110%								
Nd					27.3	28.4	104%	90% - 110%								
Ni	32	33	103%	90% - 110%												
P													0.061	0.057	93%	90% - 110%
Pb	31	32	103%	90% - 110%												
Rb	144	148	103%	90% - 110%	85.4	91.4	107%	90% - 110%								
Sb	0.8	0.9	107%	90% - 110%												
Sc	12	13	104%	90% - 110%												
Si	28.4	29.3	103%	90% - 110%					23.65	24.88	105%	90% - 110%	24.4	25.7	105%	90% - 110%
Sm	7.4	8.1	109%	90% - 110%												
Sr	144	151	105%	90% - 110%									310	322	104%	90% - 110%
Ta	1.9	1.5	79%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Tb	1.2	1.3	106%	90% - 110%												
Th	18.4	20.1	110%	90% - 110%												
Ti	0.527	0.528	100%	90% - 110%									0.222	0.221	100%	90% - 110%
U	5.7	5.7	99%	90% - 110%												
V	77	78	101%	90% - 110%												
W	5	5	106%	90% - 110%												
Y	40	40	101%	90% - 110%	25.3	23.8	94%	90% - 110%								
Yb					2.66	2.85	107%	90% - 110%								
Zn	130	127	98%	90% - 110%									75.4	82.9	110%	90% - 110%
Zr	390	399	102%	90% - 110%	157	162	103%	90% - 110%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O731161

PROJECT: 2021 Surimeau DDH Batch 22

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC
AGAT WORK ORDER: 21O731161
PROJECT: 2021 Surimeau DDH Batch 22
ATTENTION TO: Francis Newton
SAMPLING SITE:
SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O731161

PROJECT: 2021 Surimeau DDH Batch 22

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 23

AGAT WORK ORDER: 21O731168

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Sep 07, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731168

PROJECT: 2021 Surimeau DDH Batch 23

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
46601 (2322362)	4.89
46602 (2322363)	1.09
46603 (2322364)	5.10
46604 (2322365)	5.26
46605 (2322366)	4.59
46606 (2322367)	4.20
46607 (2322368)	4.66
46608 (2322369)	2.56
46609 (2322370)	2.58
46610 (2322371)	4.59
46611 (2322372)	4.69
46612 C-DUP (2322373)	-
46613 (2322374)	5.26
46614 (2322375)	2.46
46615 (2322376)	2.03
46616 (2322377)	4.94
46617 (2322378)	4.83
46618 (2322379)	4.75
46619 (2322380)	5.07
46620 (2322381)	4.67
46621 (2322382)	5.31
46622 (2322383)	1.01
46623 (2322384)	4.23
46624 (2322385)	3.63
46625 (2322386)	4.60
46626 (2322387)	4.29
46627 (2322388)	4.04
46628 (2322389)	3.50
46629 (2322390)	4.57
46630 (2322391)	4.16
46631 (2322392)	2.81

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731168

PROJECT: 2021 Surimeau DDH Batch 23

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
46632 (2322393)	4.57
46633 (2322394)	3.55
46634 (2322395)	3.20
46635 (2322396)	4.99
46636 (2322397)	6.21
46637 (2322398)	3.12
46638 (2322399)	2.63
46639 (2322400)	4.69
46640 (2322401)	4.12
46641 (2322402)	2.29
46642 (2322403)	2.01
46643 (2322404)	4.69
46644 (2322405)	3.23
46645 C-DUP (2322406)	-
46646 (2322407)	3.50
46647 (2322408)	4.78
46648 (2322409)	5.20
46649 (2322410)	5.28
46650 (2322411)	3.44

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731168

PROJECT: 2021 Surimeau DDH Batch 23

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
46601 (2322362)	<1	5.19	<5	<20	106	<5	0.5	9.70	0.2	2.8	125	0.391	0.6	53
46602 (2322363)	<1	0.06	<5	<20	12.4	<5	<0.1	36.1	<0.2	0.9	<0.5	<0.005	<0.1	<5
46603 (2322364)	<1	4.93	<5	<20	47.3	<5	0.3	9.54	0.3	2.9	106	0.341	0.1	7
46604 (2322365)	2	3.10	<5	<20	154	<5	0.5	6.13	<0.2	1.2	95.0	0.236	9.1	46
46605 (2322366)	<1	7.17	<5	<20	381	<5	0.4	5.74	<0.2	18.9	86.9	0.223	1.0	146
46606 (2322367)	<1	8.69	<5	<20	213	<5	0.6	3.74	6.8	48.9	82.1	0.105	0.1	470
46607 (2322368)	8	3.29	<5	<20	435	<5	0.2	6.56	<0.2	1.7	83.3	0.232	12.1	<5
46608 (2322369)	<1	6.39	<5	<20	852	<5	0.3	6.68	<0.2	93.6	55.9	0.074	8.2	7
46609 (2322370)	<1	3.44	<5	<20	573	<5	0.2	4.91	0.2	2.2	86.3	0.221	24.2	23
46610 (2322371)	<1	3.31	<5	<20	277	<5	0.4	5.88	0.3	2.0	89.2	0.230	15.0	56
46611 (2322372)	<1	3.59	<5	<20	124	<5	0.5	8.32	<0.2	1.9	96.4	0.266	7.7	31
46612 C-DUP (2322373)	<1	3.64	<5	<20	136	<5	0.5	8.49	0.2	2.0	92.5	0.271	9.3	35
46613 (2322374)	<1	3.47	<5	<20	41.1	<5	0.4	9.28	<0.2	2.2	95.5	0.269	3.6	31
46614 (2322375)	<1	3.39	<5	<20	<0.5	<5	0.3	6.25	<0.2	1.4	95.2	0.245	0.3	48
46615 (2322376)	<1	3.62	<5	<20	<0.5	<5	0.3	6.25	<0.2	1.3	93.8	0.246	0.4	41
46616 (2322377)	<1	3.37	<5	<20	<0.5	<5	0.5	6.16	<0.2	1.4	99.0	0.263	0.6	60
46617 (2322378)	<1	3.91	<5	<20	141	<5	0.4	8.26	<0.2	2.3	100	0.292	5.8	51
46618 (2322379)	<1	4.19	<5	<20	501	<5	0.2	6.35	<0.2	2.9	98.2	0.269	16.9	<5
46619 (2322380)	<1	3.17	<5	<20	356	<5	0.3	5.73	<0.2	2.6	82.4	0.206	15.1	<5
46620 (2322381)	<1	3.31	<5	<20	1.4	<5	0.4	5.47	<0.2	1.9	101	0.246	0.3	63
46621 (2322382)	<1	4.55	<5	<20	59.9	<5	0.4	5.09	<0.2	18.1	93.0	0.205	3.7	58
46622 (2322383)	<1	0.08	<5	<20	13.9	<5	<0.1	37.5	<0.2	1.1	0.9	<0.005	<0.1	<5
46623 (2322384)	<1	3.14	<5	<20	291	<5	0.4	6.47	<0.2	4.6	93.5	0.218	11.0	45
46624 (2322385)	<1	5.60	<5	<20	718	<5	0.3	7.83	<0.2	80.4	69.7	0.102	8.4	80
46625 (2322386)	<1	7.24	<5	<20	669	<5	0.1	7.11	0.3	62.3	43.7	0.051	1.5	90
46626 (2322387)	<1	6.81	<5	<20	644	<5	1.0	5.31	3.1	52.7	53.8	0.068	1.0	306
46627 (2322388)	<1	8.62	<5	<20	381	<5	1.3	2.90	18.0	79.6	108	0.017	0.1	1120
46628 (2322389)	<1	7.79	<5	<20	336	<5	0.8	3.88	23.6	72.5	102	0.045	0.3	847
46629 (2322390)	<1	8.26	<5	<20	399	<5	1.0	3.27	9.0	71.5	92.6	0.015	0.2	613
46630 (2322391)	<1	10.1	<5	<20	892	<5	0.5	4.90	<0.2	70.5	30.6	0.032	0.9	152
46631 (2322392)	<1	10.1	<5	<20	1340	<5	0.5	2.68	0.2	75.2	31.9	0.037	3.8	162
46632 (2322393)	<1	9.87	<5	<20	573	<5	0.3	2.63	<0.2	68.0	28.5	0.031	5.5	129

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731168

PROJECT: 2021 Surimeau DDH Batch 23

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
46633 (2322394)	<1	10.5	<5	<20	548	<5	0.3	1.53	<0.2	73.1	31.0	0.030	8.5	61
46634 (2322395)	<1	10.3	<5	<20	545	<5	0.3	1.48	<0.2	73.6	30.6	0.030	8.9	55
46635 (2322396)	<1	10.3	<5	<20	610	<5	0.4	1.28	<0.2	78.3	32.4	0.032	7.5	55
46636 (2322397)	<1	9.39	<5	<20	695	<5	0.3	1.32	<0.2	68.0	27.9	0.027	6.4	53
46637 (2322398)	<1	7.91	<5	<20	830	<5	0.3	1.17	0.4	59.2	22.4	0.031	4.0	45
46638 (2322399)	<1	9.18	<5	<20	263	<5	<0.1	2.01	0.5	74.6	25.6	0.030	1.3	108
46639 (2322400)	<1	8.87	<5	<20	698	<5	0.3	1.77	<0.2	63.1	27.8	0.029	5.0	46
46640 (2322401)	<1	8.82	<5	<20	884	<5	0.3	1.85	0.2	68.7	26.0	0.034	5.6	48
46641 (2322402)	<1	8.49	<5	<20	788	<5	0.5	1.93	<0.2	70.6	23.0	0.028	6.1	43
46642 (2322403)	<1	8.54	<5	<20	925	<5	0.4	1.72	<0.2	59.8	22.6	0.028	4.8	42
46643 (2322404)	<1	8.82	<5	<20	742	<5	0.3	1.61	<0.2	68.5	24.9	0.030	6.7	43
46644 (2322405)	<1	3.42	<5	<20	1.0	<5	0.2	4.94	<0.2	2.0	106	0.267	0.3	45
46645 C-DUP (2322406)	<1	3.41	<5	<20	0.8	<5	0.3	5.05	<0.2	2.1	105	0.266	0.3	45
46646 (2322407)	<1	3.07	<5	<20	19.2	<5	0.5	8.42	0.2	2.9	95.9	0.246	0.7	61
46647 (2322408)	<1	3.00	<5	<20	<0.5	<5	0.4	5.98	<0.2	1.7	97.2	0.219	0.3	35
46648 (2322409)	<1	3.35	<5	<20	<0.5	<5	0.2	4.75	0.2	1.8	101	0.244	0.3	24
46649 (2322410)	<1	3.69	<5	<20	28.7	<5	0.1	4.72	<0.2	3.1	98.1	0.269	1.1	56
46650 (2322411)	<1	3.19	<5	<20	<0.5	<5	0.3	5.36	<0.2	5.0	98.8	0.225	0.2	23

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731168

PROJECT: 2021 Surimeau DDH Batch 23

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
46601 (2322362)	2.34	1.21	0.33	8.92	9.97	1.98	<1	<1	0.44	<0.2	0.27	1.0	14	0.16
46602 (2322363)	0.13	0.14	<0.05	0.10	0.71	0.24	2	<1	<0.05	<0.2	<0.05	1.0	<10	<0.05
46603 (2322364)	2.09	1.23	0.51	7.77	12.9	1.59	2	<1	0.43	<0.2	0.21	1.2	<10	0.16
46604 (2322365)	1.01	0.69	0.08	6.96	10.3	0.85	3	<1	0.25	<0.2	1.52	0.4	37	0.08
46605 (2322366)	2.30	1.42	0.79	5.74	15.5	2.37	2	2	0.47	<0.2	0.32	8.8	15	0.19
46606 (2322367)	3.24	1.81	1.16	6.14	18.4	3.94	1	3	0.67	0.5	0.10	21.6	<10	0.28
46607 (2322368)	1.19	0.79	0.14	6.77	12.1	1.04	5	<1	0.23	<0.2	2.27	0.5	65	0.16
46608 (2322369)	5.45	2.89	2.76	7.92	26.3	7.70	3	4	0.94	<0.2	1.39	42.3	43	0.32
46609 (2322370)	1.20	0.80	0.06	6.80	18.7	1.08	4	<1	0.27	<0.2	3.35	0.7	86	0.14
46610 (2322371)	1.17	0.76	<0.05	6.89	8.99	0.89	3	<1	0.24	<0.2	2.13	0.7	56	0.10
46611 (2322372)	1.43	0.82	0.14	7.63	8.89	1.11	2	<1	0.33	<0.2	1.26	0.5	39	0.12
46612 C-DUP (2322373)	1.35	0.77	0.18	7.68	11.7	1.03	1	<1	0.29	<0.2	1.41	0.9	43	0.11
46613 (2322374)	1.60	1.03	0.14	7.71	6.79	1.28	1	<1	0.33	<0.2	0.56	0.8	21	0.11
46614 (2322375)	1.43	0.94	0.11	7.32	9.04	0.86	2	<1	0.26	<0.2	<0.05	0.4	<10	0.13
46615 (2322376)	1.38	0.93	0.07	7.65	5.64	1.21	1	<1	0.34	<0.2	0.05	0.3	<10	0.11
46616 (2322377)	1.36	0.78	0.16	7.37	7.00	1.02	2	<1	0.24	<0.2	<0.05	0.4	<10	0.14
46617 (2322378)	1.70	1.09	0.37	8.13	11.2	1.24	2	<1	0.35	<0.2	0.90	0.9	28	0.20
46618 (2322379)	1.46	0.83	0.15	7.62	12.9	1.20	3	<1	0.28	<0.2	3.09	1.1	74	0.14
46619 (2322380)	1.08	0.79	0.14	6.63	12.6	0.94	3	<1	0.26	<0.2	2.41	1.3	53	0.14
46620 (2322381)	1.47	0.88	0.12	7.53	8.89	1.12	4	<1	0.35	<0.2	0.06	0.7	<10	0.16
46621 (2322382)	1.96	1.10	0.18	8.07	9.96	2.42	5	1	0.43	<0.2	0.61	8.6	11	0.17
46622 (2322383)	0.24	0.28	<0.05	0.18	0.26	0.17	1	<1	0.06	<0.2	<0.05	1.1	<10	0.05
46623 (2322384)	1.12	0.89	0.12	6.94	9.40	1.02	2	<1	0.20	<0.2	1.91	2.5	39	0.07
46624 (2322385)	3.74	2.17	1.71	9.34	22.5	6.23	5	3	0.77	<0.2	2.15	37.2	63	0.29
46625 (2322386)	4.55	2.20	1.57	7.91	19.8	5.27	4	3	0.76	<0.2	0.47	28.0	23	0.32
46626 (2322387)	3.96	2.10	1.65	7.61	21.4	5.43	3	3	0.85	0.5	0.38	23.1	26	0.33
46627 (2322388)	4.67	3.12	2.27	10.4	23.1	5.88	2	5	0.90	2.1	0.22	36.6	<10	0.37
46628 (2322389)	4.34	2.68	2.51	10.1	21.3	5.87	3	4	0.92	2.1	0.16	34.5	<10	0.36
46629 (2322390)	3.51	2.14	1.84	8.72	23.0	4.64	<1	4	0.71	0.9	0.18	33.9	<10	0.38
46630 (2322391)	3.29	1.63	1.19	4.40	27.9	4.49	3	3	0.65	<0.2	0.92	34.9	13	0.24
46631 (2322392)	3.81	1.92	1.11	5.83	22.1	5.10	1	3	0.73	<0.2	2.98	35.7	53	0.23
46632 (2322393)	3.26	1.72	1.29	5.12	21.2	4.51	1	3	0.74	<0.2	2.08	33.0	40	0.27

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731168

PROJECT: 2021 Surimeau DDH Batch 23

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
46633 (2322394)	3.34	2.05	1.42	5.68	27.6	4.84	1	3	0.76	<0.2	2.84	35.4	78	0.28
46634 (2322395)	3.86	1.96	1.59	5.66	27.1	4.64	3	4	0.70	<0.2	3.48	33.6	72	0.25
46635 (2322396)	3.68	2.09	1.27	5.92	33.7	4.85	2	3	0.81	<0.2	3.92	36.1	79	0.32
46636 (2322397)	3.16	1.81	0.97	4.75	26.4	4.48	2	4	0.58	<0.2	2.73	32.0	57	0.22
46637 (2322398)	2.63	1.55	0.68	4.00	24.5	3.61	1	3	0.53	<0.2	2.43	28.5	43	0.17
46638 (2322399)	2.72	1.65	1.43	4.23	22.5	3.88	2	4	0.58	<0.2	0.56	37.2	11	0.23
46639 (2322400)	2.88	1.40	0.87	4.67	22.5	4.02	2	4	0.48	<0.2	2.55	31.0	46	0.28
46640 (2322401)	2.86	1.86	0.92	4.69	29.9	4.38	3	4	0.66	<0.2	2.55	33.7	40	0.21
46641 (2322402)	2.63	1.49	1.03	4.28	25.5	3.91	2	4	0.59	<0.2	2.20	33.6	34	0.25
46642 (2322403)	2.95	1.83	0.91	4.18	22.7	3.68	2	3	0.51	<0.2	2.32	29.6	34	0.18
46643 (2322404)	2.98	1.33	1.01	4.51	20.2	3.70	3	3	0.50	<0.2	2.74	32.5	42	0.21
46644 (2322405)	1.05	0.63	0.13	7.38	6.00	0.74	1	<1	0.21	<0.2	<0.05	0.7	<10	0.08
46645 C-DUP (2322406)	1.05	0.59	0.18	7.40	5.45	0.96	2	<1	0.23	<0.2	<0.05	1.0	<10	0.09
46646 (2322407)	1.31	1.02	0.41	7.26	8.52	0.97	4	<1	0.25	<0.2	0.09	1.1	<10	0.09
46647 (2322408)	1.10	0.70	0.19	7.10	6.75	0.60	2	<1	0.25	<0.2	<0.05	0.5	<10	0.08
46648 (2322409)	1.03	0.85	0.19	7.51	6.32	1.23	2	<1	0.28	<0.2	<0.05	0.7	<10	0.11
46649 (2322410)	1.33	1.00	0.22	7.58	8.03	1.32	3	<1	0.34	<0.2	0.09	1.1	<10	0.12
46650 (2322411)	1.07	1.04	0.15	6.86	7.14	0.99	3	<1	0.29	<0.2	<0.05	2.7	<10	0.14

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731168

PROJECT: 2021 Surimeau DDH Batch 23

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
46601 (2322362)	7.06	2800	<2	<1	2.6	1650	<0.01	9	0.41	5.1	0.34	<0.1	35	24.0
46602 (2322363)	1.71	88	<2	<1	0.9	<5	<0.01	<5	0.24	0.8	0.54	<0.1	<5	5.29
46603 (2322364)	7.99	2260	<2	<1	2.6	1360	<0.01	9	0.52	2.2	0.19	0.2	31	23.8
46604 (2322365)	13.5	1200	<2	<1	1.2	1430	<0.01	5	0.19	62.3	1.25	<0.1	19	24.7
46605 (2322366)	4.60	1430	<2	2	9.4	942	0.04	21	2.15	10.3	1.14	<0.1	25	26.5
46606 (2322367)	1.45	555	<2	6	23.0	596	0.04	21	5.57	2.7	2.95	0.2	23	28.8
46607 (2322368)	12.1	1340	<2	1	1.3	1260	<0.01	<5	0.20	89.2	0.11	<0.1	19	25.7
46608 (2322369)	7.33	1560	<2	6	47.4	328	0.27	15	11.9	52.7	0.13	<0.1	29	25.2
46609 (2322370)	12.8	998	<2	1	2.5	1120	<0.01	<5	0.30	145	0.30	<0.1	20	24.8
46610 (2322371)	13.1	1200	<2	<1	1.8	1240	<0.01	<5	0.34	92.0	0.99	<0.1	21	23.5
46611 (2322372)	12.4	1670	<2	<1	1.7	1280	<0.01	<5	0.27	51.5	0.83	<0.1	23	22.4
46612 C-DUP (2322373)	12.5	1680	<2	<1	1.9	1260	<0.01	5	0.32	53.9	0.86	0.1	23	22.2
46613 (2322374)	13.0	1660	<2	<1	1.8	1340	<0.01	<5	0.41	20.8	0.62	0.2	22	21.8
46614 (2322375)	15.1	1180	<2	<1	1.6	1340	<0.01	<5	0.26	0.7	0.49	<0.1	21	25.1
46615 (2322376)	14.7	1170	<2	<1	1.6	1210	<0.01	<5	0.24	0.6	0.44	<0.1	21	25.2
46616 (2322377)	15.0	1240	<2	<1	0.7	1530	<0.01	<5	0.23	2.9	0.61	0.2	21	24.8
46617 (2322378)	12.9	1820	<2	<1	2.1	1300	<0.01	6	0.32	39.0	0.57	<0.1	26	21.6
46618 (2322379)	12.4	1470	<2	<1	2.6	1220	<0.01	7	0.44	130	0.22	<0.1	23	24.3
46619 (2322380)	13.1	1200	<2	1	2.1	1070	<0.01	6	0.44	104	0.24	0.2	18	24.9
46620 (2322381)	15.4	1180	<2	<1	1.8	1330	<0.01	<5	0.24	1.9	0.67	0.4	22	24.8
46621 (2322382)	15.1	1250	<2	2	9.0	1100	0.06	<5	2.11	27.0	0.98	0.2	28	23.3
46622 (2322383)	2.07	91	<2	<1	1.0	<5	<0.01	<5	0.24	0.7	0.54	0.2	<5	6.79
46623 (2322384)	13.8	1420	<2	<1	2.2	1430	<0.01	<5	0.76	81.8	0.58	<0.1	18	26.3
46624 (2322385)	9.88	1740	3	7	39.9	583	0.22	8	10.2	91.3	0.49	<0.1	32	24.6
46625 (2322386)	5.39	1500	<2	5	31.9	97	0.16	17	7.81	14.6	0.85	<0.1	36	26.4
46626 (2322387)	5.73	1320	104	5	27.2	268	0.15	38	6.87	9.5	2.25	0.2	25	27.3
46627 (2322388)	1.15	399	170	9	33.7	374	0.11	42	9.44	5.9	6.26	<0.1	19	27.3
46628 (2322389)	2.08	615	2	8	31.3	440	0.16	24	8.27	2.2	5.35	0.1	18	27.6
46629 (2322390)	0.97	359	241	7	30.8	300	0.04	27	8.57	2.1	5.07	0.2	18	27.0
46630 (2322391)	1.68	602	6	8	30.9	136	0.05	37	8.15	34.4	2.11	0.2	22	27.9
46631 (2322392)	2.68	664	5	7	31.6	142	0.09	44	8.80	116	2.67	0.1	23	27.6
46632 (2322393)	2.31	811	28	8	30.1	117	0.08	23	8.02	96.3	1.71	<0.1	22	28.7

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731168

PROJECT: 2021 Surimeau DDH Batch 23

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
46633 (2322394)	2.52	693	15	7	32.4	137	0.05	24	8.70	121	0.66	<0.1	22	28.8
46634 (2322395)	2.52	671	8	7	31.9	128	0.06	21	8.29	153	0.71	<0.1	21	29.4
46635 (2322396)	2.75	743	4	7	34.1	126	0.07	17	9.26	149	0.76	<0.1	23	29.2
46636 (2322397)	1.91	554	4	7	30.9	114	0.06	20	8.21	108	0.44	<0.1	16	31.6
46637 (2322398)	1.64	466	4	6	23.7	92	0.05	12	6.79	87.9	0.22	<0.1	12	34.1
46638 (2322399)	1.86	715	<2	6	31.5	86	0.06	17	8.30	22.4	0.65	<0.1	12	30.6
46639 (2322400)	1.87	610	2	6	27.0	104	0.06	17	7.32	107	0.28	<0.1	14	32.2
46640 (2322401)	2.03	710	<2	6	30.8	99	0.08	18	7.97	96.5	0.30	<0.1	15	33.1
46641 (2322402)	1.84	608	<2	6	31.6	94	0.06	18	7.35	80.9	0.27	0.2	13	33.2
46642 (2322403)	1.74	556	<2	6	27.1	90	0.06	18	6.94	89.8	0.27	<0.1	13	32.0
46643 (2322404)	1.87	619	3	6	27.7	107	0.05	18	8.13	107	0.29	<0.1	14	30.4
46644 (2322405)	15.3	1150	<2	<1	1.3	1550	<0.01	<5	0.27	1.5	0.27	<0.1	20	21.8
46645 C-DUP (2322406)	15.1	1140	<2	<1	1.5	1610	<0.01	<5	0.37	1.4	0.28	<0.1	20	21.9
46646 (2322407)	14.0	1560	<2	<1	2.0	1280	<0.01	<5	0.46	3.5	0.40	<0.1	20	18.6
46647 (2322408)	15.2	1280	<2	<1	1.5	1470	<0.01	<5	0.23	0.8	0.28	0.2	19	20.2
46648 (2322409)	15.8	1260	<2	<1	1.4	1420	<0.01	<5	0.34	0.6	0.19	<0.1	20	21.9
46649 (2322410)	15.0	1270	<2	<1	2.6	1330	<0.01	<5	0.59	3.1	0.31	<0.1	23	22.8
46650 (2322411)	14.9	1300	<2	<1	2.9	1480	<0.01	<5	0.47	0.7	0.23	<0.1	18	23.2

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731168

PROJECT: 2021 Surimeau DDH Batch 23

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
46601 (2322362)	1.1	<1	133	<0.5	0.32	0.2	0.30	<0.5	0.19	0.06	237	<1	12.1	1.5
46602 (2322363)	0.2	<1	79.1	<0.5	0.05	<0.1	<0.01	<0.5	<0.05	0.15	<5	<1	2.0	0.1
46603 (2322364)	0.9	<1	218	<0.5	0.25	<0.1	0.27	<0.5	0.19	0.24	227	<1	10.3	1.2
46604 (2322365)	0.6	<1	23.9	<0.5	0.16	<0.1	0.17	0.7	0.11	0.06	134	<1	5.2	0.6
46605 (2322366)	1.9	4	1170	<0.5	0.36	1.9	0.28	<0.5	0.20	0.77	190	<1	12.2	1.4
46606 (2322367)	5.4	4	687	0.6	0.56	6.7	0.35	<0.5	0.30	2.65	144	<1	17.6	2.0
46607 (2322368)	0.8	1	61.4	<0.5	0.16	0.1	0.16	0.9	0.11	0.13	154	<1	6.8	0.8
46608 (2322369)	9.8	6	1120	<0.5	1.06	7.7	0.48	0.5	0.38	2.51	284	<1	27.5	2.5
46609 (2322370)	0.7	<1	48.8	<0.5	0.16	0.1	0.19	1.4	0.10	0.21	124	<1	6.4	0.7
46610 (2322371)	0.7	<1	78.1	<0.5	0.18	<0.1	0.18	1.0	0.09	0.09	144	<1	6.3	0.8
46611 (2322372)	0.5	<1	213	<0.5	0.20	<0.1	0.21	0.6	0.11	0.09	167	<1	7.3	0.8
46612 C-DUP (2322373)	0.7	<1	228	<0.5	0.19	<0.1	0.21	0.5	0.16	0.08	168	<1	7.7	0.8
46613 (2322374)	0.7	<1	219	<0.5	0.24	<0.1	0.19	<0.5	0.16	0.05	157	<1	8.2	1.1
46614 (2322375)	0.7	<1	34.8	<0.5	0.16	<0.1	0.18	<0.5	0.12	0.05	147	<1	6.7	0.9
46615 (2322376)	0.7	<1	37.4	<0.5	0.17	<0.1	0.21	<0.5	0.12	0.07	157	<1	7.5	0.7
46616 (2322377)	0.5	<1	37.0	<0.5	0.22	<0.1	0.18	<0.5	0.14	<0.05	145	<1	7.5	0.8
46617 (2322378)	0.8	<1	215	<0.5	0.24	<0.1	0.22	<0.5	0.17	0.07	175	<1	9.5	0.9
46618 (2322379)	1.0	<1	107	<0.5	0.22	0.2	0.23	1.3	0.12	0.12	172	<1	8.0	0.9
46619 (2322380)	0.7	<1	68.6	<0.5	0.18	<0.1	0.18	1.2	0.13	1.01	139	<1	7.5	0.9
46620 (2322381)	0.7	<1	39.8	<0.5	0.24	<0.1	0.19	<0.5	0.15	0.12	150	<1	8.1	0.9
46621 (2322382)	2.2	<1	42.5	<0.5	0.37	1.8	0.33	<0.5	0.17	0.29	195	<1	10.9	1.1
46622 (2322383)	0.2	<1	77.9	<0.5	0.06	<0.1	<0.01	<0.5	<0.05	0.07	<5	<1	2.0	0.2
46623 (2322384)	0.7	<1	42.3	<0.5	0.15	0.1	0.17	0.9	0.10	0.12	134	<1	6.4	0.7
46624 (2322385)	8.1	4	190	<0.5	0.81	5.2	0.60	1.4	0.30	2.07	296	<1	17.8	1.9
46625 (2322386)	7.2	1	719	<0.5	0.71	5.0	0.52	<0.5	0.31	1.32	269	<1	19.7	2.0
46626 (2322387)	5.6	6	488	<0.5	0.64	5.7	0.44	<0.5	0.33	2.36	202	<1	18.7	1.9
46627 (2322388)	6.8	7	736	0.9	0.74	11.1	0.31	<0.5	0.38	4.47	95	<1	23.1	2.8
46628 (2322389)	6.4	6	722	0.8	0.83	8.8	0.30	<0.5	0.40	3.35	138	<1	25.1	2.7
46629 (2322390)	5.9	5	497	0.6	0.72	9.2	0.27	<0.5	0.30	4.09	120	<1	18.7	2.1
46630 (2322391)	5.7	2	523	0.6	0.70	7.9	0.42	0.6	0.27	2.49	152	<1	18.5	1.5
46631 (2322392)	5.9	<1	311	0.7	0.60	8.1	0.46	2.2	0.31	2.25	187	<1	18.7	1.9
46632 (2322393)	5.5	<1	379	0.7	0.62	7.6	0.45	1.7	0.27	2.42	184	<1	18.0	2.0

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731168

PROJECT: 2021 Surimeau DDH Batch 23

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
46633 (2322394)	5.1	<1	354	0.6	0.65	8.3	0.46	1.8	0.31	2.58	193	<1	19.9	1.8
46634 (2322395)	5.9	1	279	0.6	0.68	8.1	0.45	2.0	0.27	2.28	181	<1	19.6	2.1
46635 (2322396)	6.5	1	223	0.7	0.71	8.4	0.47	1.7	0.31	2.31	197	<1	19.9	2.0
46636 (2322397)	5.3	2	309	0.8	0.57	8.3	0.39	0.6	0.22	2.70	142	<1	16.3	1.7
46637 (2322398)	4.4	<1	302	0.6	0.49	7.5	0.34	0.5	0.22	2.42	116	<1	12.7	1.4
46638 (2322399)	4.9	<1	344	0.6	0.50	9.3	0.37	<0.5	0.26	3.16	109	<1	14.0	1.5
46639 (2322400)	5.1	1	288	0.6	0.49	8.0	0.38	0.7	0.28	2.61	131	<1	15.0	1.5
46640 (2322401)	5.4	1	354	0.5	0.60	8.9	0.39	0.6	0.24	2.92	132	<1	15.3	1.8
46641 (2322402)	4.7	<1	437	0.6	0.51	8.6	0.35	0.7	0.25	2.55	123	<1	14.4	1.4
46642 (2322403)	4.7	1	431	<0.5	0.41	7.7	0.35	0.7	0.26	2.29	120	<1	13.1	1.3
46643 (2322404)	5.9	<1	295	0.6	0.46	7.9	0.37	0.8	0.17	2.57	130	<1	13.7	1.3
46644 (2322405)	0.3	<1	93.8	<0.5	0.18	0.1	0.20	<0.5	0.10	<0.05	145	<1	6.5	0.7
46645 C-DUP (2322406)	0.5	<1	96.6	<0.5	0.15	<0.1	0.19	<0.5	0.11	<0.05	144	<1	5.5	0.6
46646 (2322407)	0.6	<1	203	<0.5	0.16	<0.1	0.18	<0.5	0.10	<0.05	156	<1	7.1	0.8
46647 (2322408)	0.3	<1	173	<0.5	0.16	<0.1	0.16	<0.5	0.10	<0.05	133	<1	5.8	0.7
46648 (2322409)	0.8	<1	110	<0.5	0.21	<0.1	0.19	<0.5	0.13	<0.05	151	<1	7.3	0.9
46649 (2322410)	1.0	<1	45.0	<0.5	0.17	0.1	0.21	<0.5	0.16	0.07	159	<1	8.3	0.9
46650 (2322411)	0.7	<1	40.0	<0.5	0.20	<0.1	0.16	<0.5	0.12	0.05	133	<1	6.4	0.7

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731168

PROJECT: 2021 Surimeau DDH Batch 23

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
46601 (2322362)	82	29.4
46602 (2322363)	<5	5.2
46603 (2322364)	79	20.8
46604 (2322365)	53	13.2
46605 (2322366)	234	61.7
46606 (2322367)	2550	120
46607 (2322368)	182	19.5
46608 (2322369)	217	134
46609 (2322370)	117	17.9
46610 (2322371)	69	16.9
46611 (2322372)	66	20.8
46612 C-DUP (2322373)	70	18.9
46613 (2322374)	64	15.7
46614 (2322375)	54	16.8
46615 (2322376)	62	19.2
46616 (2322377)	52	18.7
46617 (2322378)	67	20.0
46618 (2322379)	116	25.2
46619 (2322380)	130	15.2
46620 (2322381)	56	17.0
46621 (2322382)	69	50.3
46622 (2322383)	<5	4.8
46623 (2322384)	102	14.9
46624 (2322385)	252	129
46625 (2322386)	182	103
46626 (2322387)	1590	110
46627 (2322388)	9010	164
46628 (2322389)	9540	145
46629 (2322390)	4720	149
46630 (2322391)	144	119
46631 (2322392)	115	122
46632 (2322393)	103	126

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731168

PROJECT: 2021 Surimeau DDH Batch 23

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
46633 (2322394)	121	132
46634 (2322395)	123	131
46635 (2322396)	134	135
46636 (2322397)	128	150
46637 (2322398)	95	135
46638 (2322399)	98	173
46639 (2322400)	83	142
46640 (2322401)	88	162
46641 (2322402)	85	145
46642 (2322403)	74	130
46643 (2322404)	87	139
46644 (2322405)	45	20.7
46645 C-DUP (2322406)	47	15.0
46646 (2322407)	53	14.8
46647 (2322408)	48	13.9
46648 (2322409)	52	14.8
46649 (2322410)	55	17.1
46650 (2322411)	51	12.6

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731168

PROJECT: 2021 Surimeau DDH Batch 23

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
46601 (2322362)	77.18
46620 (2322381)	76.73
46640 (2322401)	78.36

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731168

PROJECT: 2021 Surimeau DDH Batch 23

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
46601 (2322362)	87.21
46621 (2322382)	86.02
46640 (2322401)	86.78

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2322362	< 1	< 1	0.0%	2322376	< 1	< 1	0.0%	2322387	< 1	< 1	0.0%	2322402	< 1	< 1	0.0%
Al	2322362	5.19	5.15	0.8%	2322376	3.62	3.53	2.5%	2322387	6.81	6.75	0.9%	2322402	8.49	8.33	1.9%
As	2322362	< 5	< 5	0.0%	2322376	< 5	< 5	0.0%	2322387	< 5	< 5	0.0%	2322402	< 5	< 5	0.0%
B	2322362	< 20	< 20	0.0%	2322376	< 20	< 20	0.0%	2322387	< 20	< 20	0.0%	2322402	< 20	< 20	0.0%
Ba	2322362	106	105	0.9%	2322376	< 0.5	< 0.5	0.0%	2322387	644	605	6.2%	2322402	788	788	0.0%
Be	2322362	< 5	< 5	0.0%	2322376	< 5	< 5	0.0%	2322387	< 5	< 5	0.0%	2322402	< 5	< 5	0.0%
Bi	2322362	0.5	0.5	0.0%	2322376	0.3	0.3	0.0%	2322387	1.03	1.21	16.1%	2322402	0.5	0.5	0.0%
Ca	2322362	9.70	9.74	0.4%	2322376	6.25	6.12	2.1%	2322387	5.31	5.30	0.2%	2322402	1.93	1.88	2.6%
Cd	2322362	0.2	0.2	0.0%	2322376	< 0.2	< 0.2	0.0%	2322387	3.1	3.4	9.2%	2322402	< 0.2	0.3	
Ce	2322362	2.8	2.7	3.6%	2322376	1.3	1.3	0.0%	2322387	52.7	55.7	5.5%	2322402	70.6	64.8	8.6%
Co	2322362	125	124	0.8%	2322376	93.8	90.4	3.7%	2322387	53.8	57.3	6.3%	2322402	23.0	22.4	2.6%
Cr	2322362	0.391	0.389	0.5%	2322376	0.246	0.249	1.2%	2322387	0.0679	0.0696	2.5%	2322402	0.028	0.028	0.0%
Cs	2322362	0.6	0.4		2322376	0.4	0.2		2322387	1.04	1.24	17.5%	2322402	6.11	5.83	4.7%
Cu	2322362	53	56	5.5%	2322376	41	43	4.8%	2322387	306	322	5.1%	2322402	43	39	9.8%
Dy	2322362	2.34	2.00	15.7%	2322376	1.38	1.36	1.5%	2322387	3.96	4.14	4.4%	2322402	2.63	2.65	0.8%
Er	2322362	1.21	1.38	13.1%	2322376	0.933	0.982	5.1%	2322387	2.10	2.18	3.7%	2322402	1.49	1.68	12.0%
Eu	2322362	0.33	0.33	0.0%	2322376	0.07	0.13		2322387	1.65	1.71	3.6%	2322402	1.03	1.00	3.0%
Fe	2322362	8.92	8.93	0.1%	2322376	7.65	7.48	2.2%	2322387	7.61	7.84	3.0%	2322402	4.28	4.21	1.6%
Ga	2322362	9.97	10.6	6.1%	2322376	5.64	5.88	4.2%	2322387	21.4	17.8	18.4%	2322402	25.5	22.9	10.7%
Gd	2322362	1.98	1.51	26.9%	2322376	1.21	1.37	12.4%	2322387	5.43	5.67	4.3%	2322402	3.91	3.70	5.5%
Ge	2322362	< 1	3		2322376	1	2		2322387	3	2		2322402	2	2	0.0%
Hf	2322362	< 1	< 1	0.0%	2322376	< 1	< 1	0.0%	2322387	3	3	0.0%	2322402	4	4	0.0%
Ho	2322362	0.44	0.51	14.7%	2322376	0.335	0.270	21.5%	2322387	0.85	0.78	8.6%	2322402	0.59	0.49	18.5%
In	2322362	< 0.2	< 0.2	0.0%	2322376	< 0.2	< 0.2	0.0%	2322387	0.49	0.41	17.8%	2322402	< 0.2	< 0.2	0.0%
K	2322362	0.27	0.27	0.0%	2322376	0.051	0.045	12.5%	2322387	0.38	0.37	2.7%	2322402	2.20	2.14	2.8%
La	2322362	1.0	1.0	0.0%	2322376	0.31	0.36	14.9%	2322387	23.1	25.1	8.3%	2322402	33.6	31.2	7.4%
Li	2322362	14	15	6.9%	2322376	< 10	< 10	0.0%	2322387	26	26	0.0%	2322402	34	33	3.0%
Lu	2322362	0.16	0.21	27.0%	2322376	0.114	0.085	29.1%	2322387	0.33	0.30	9.5%	2322402	0.25	0.25	0.0%
Mg	2322362	7.06	7.08	0.3%	2322376	14.7	14.6	0.7%	2322387	5.73	5.82	1.6%	2322402	1.84	1.85	0.5%
Mn	2322362	2800	2810	0.4%	2322376	1170	1140	2.6%	2322387	1320	1330	0.8%	2322402	608	593	2.5%
Mo	2322362	< 2	3		2322376	< 2	< 2	0.0%	2322387	104	104	0.0%	2322402	< 2	2	

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2322362	< 1	< 1	0.0%	2322376	< 1	< 1	0.0%	2322387	5	5	0.0%	2322402	6	6	0.0%
Nd	2322362	2.6	2.5	3.9%	2322376	1.57	1.76	11.4%	2322387	27.2	28.1	3.3%	2322402	31.6	28.7	9.6%
Ni	2322362	1650	1660	0.6%	2322376	1210	1200	0.8%	2322387	268	304	12.6%	2322402	94	93	1.1%
P	2322362	< 0.01	< 0.01	0.0%	2322376	< 0.01	< 0.01	0.0%	2322387	0.15	0.15	0.0%	2322402	0.063	0.067	6.2%
Pb	2322362	9	8	11.8%	2322376	< 5	< 5	0.0%	2322387	38	39	2.6%	2322402	18	17	5.7%
Pr	2322362	0.41	0.44	7.1%	2322376	0.24	0.27	11.8%	2322387	6.87	7.20	4.7%	2322402	7.35	7.84	6.5%
Rb	2322362	5.1	5.0	2.0%	2322376	0.6	0.9		2322387	9.53	10.6	10.6%	2322402	80.9	85.9	6.0%
S	2322362	0.337	0.329	2.4%	2322376	0.44	0.44	0.0%	2322387	2.25	2.32	3.1%	2322402	0.27	0.27	0.0%
Sb	2322362	< 0.1	0.3		2322376	< 0.1	0.2		2322387	0.2	< 0.1		2322402	0.2	0.2	0.0%
Sc	2322362	35	35	0.0%	2322376	21	21	0.0%	2322387	25	24	4.1%	2322402	13	13	0.0%
Si	2322362	24.0	23.8	0.8%	2322376	25.2	24.5	2.8%	2322387	27.3	27.0	1.1%	2322402	33.2	31.9	4.0%
Sm	2322362	1.08	0.91	17.1%	2322376	0.7	0.7	0.0%	2322387	5.65	6.59	15.4%	2322402	4.75	4.76	0.2%
Sn	2322362	< 1	< 1	0.0%	2322376	< 1	< 1	0.0%	2322387	6	5	18.2%	2322402	< 1	< 1	0.0%
Sr	2322362	133	132	0.8%	2322376	37.4	36.1	3.5%	2322387	488	477	2.3%	2322402	437	428	2.1%
Ta	2322362	< 0.5	< 0.5	0.0%	2322376	< 0.5	< 0.5	0.0%	2322387	< 0.5	< 0.5	0.0%	2322402	0.55	0.55	0.0%
Tb	2322362	0.32	0.34	6.1%	2322376	0.174	0.200	13.9%	2322387	0.64	0.66	3.1%	2322402	0.51	0.53	3.8%
Th	2322362	0.15	0.12	22.2%	2322376	< 0.1	< 0.1	0.0%	2322387	5.69	5.64	0.9%	2322402	8.57	7.52	13.1%
Ti	2322362	0.296	0.294	0.7%	2322376	0.207	0.201	2.9%	2322387	0.44	0.44	0.0%	2322402	0.35	0.35	0.0%
Tl	2322362	< 0.5	< 0.5	0.0%	2322376	< 0.5	< 0.5	0.0%	2322387	< 0.5	< 0.5	0.0%	2322402	0.7	0.6	15.4%
Tm	2322362	0.19	0.19	0.0%	2322376	0.12	0.10	18.2%	2322387	0.325	0.313	3.8%	2322402	0.247	0.242	2.0%
U	2322362	0.06	0.05	18.2%	2322376	0.07	0.07	0.0%	2322387	2.36	2.17	8.4%	2322402	2.55	2.33	9.0%
V	2322362	237	238	0.4%	2322376	157	160	1.9%	2322387	202	203	0.5%	2322402	123	121	1.6%
W	2322362	< 1	< 1	0.0%	2322376	< 1	< 1	0.0%	2322387	< 1	< 1	0.0%	2322402	< 1	< 1	0.0%
Y	2322362	12.1	12.6	4.0%	2322376	7.5	7.3	2.7%	2322387	18.7	17.8	4.9%	2322402	14.4	14.0	2.8%
Yb	2322362	1.49	1.34	10.6%	2322376	0.7	0.8	13.3%	2322387	1.9	2.2	14.6%	2322402	1.41	1.65	15.7%
Zn	2322362	82	83	1.2%	2322376	62	58	6.7%	2322387	1590	1620	1.9%	2322402	85	79	7.3%
Zr	2322362	29.4	25.9	12.7%	2322376	19.2	18.4	4.3%	2322387	110	106	3.7%	2322402	145	141	2.8%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O731168

PROJECT: 2021 Surimeau DDH Batch 23

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.53	101%	90% - 110%					6.94	7.35	106%	90% - 110%	13.0	13.6	105%	90% - 110%
As	26	25	97%	90% - 110%												
Ba	540	564	104%	90% - 110%									1310	1445	110%	90% - 110%
Be	4.0	4.6	114%	90% - 110%												
Ca	0.907	0.948	105%	90% - 110%					4.01	4.3	107%	90% - 110%	1.42	1.5	105%	90% - 110%
Ce	98	103	105%	90% - 110%	58.2	62	106%	90% - 110%								
Co	15	16	104%	90% - 110%												
Cu	150	160	107%	90% - 110%												
Er	3.7	4	108%	90% - 110%												
Fe	3.77	4.01	106%	90% - 110%					7.56	8.24	109%	90% - 110%	3.27	3.51	107%	90% - 110%
Ga					22.6	22.2	98%	90% - 110%								
Hf	11	10	90%	90% - 110%												
K	2.55	2.69	106%	90% - 110%					2.02	2.16	106%	90% - 110%	3.68	3.88	105%	90% - 110%
La	44	45	102%	90% - 110%	27.5	30.1	109%	90% - 110%								
Li	47	47	100%	90% - 110%									65.0	71.1	109%	90% - 110%
Lu	0.6	0.6	98%	90% - 110%												
Mg	1.1	1.1	99%	90% - 110%					2.41	2.54	105%	90% - 110%				
Mn	780	797	102%	90% - 110%												
Mo	14	14	101%	90% - 110%												
Nb	20	20	100%	90% - 110%	22.6	24.5	108%	90% - 110%								
Nd					27.3	28.2	103%	90% - 110%								
Ni	32	30	93%	90% - 110%												
P													0.061	0.059	96%	90% - 110%
Pb	31	33	107%	90% - 110%												
Rb	144	148	103%	90% - 110%	85.4	87.4	102%	90% - 110%								
Sc	12	12	100%	90% - 110%												
Si	28.4	31.1	110%	90% - 110%					23.65	24.73	104%	90% - 110%	24.4	25.3	103%	90% - 110%
Sr	144	158	109%	90% - 110%									310	324	104%	90% - 110%
Tb	1.2	1.2	101%	90% - 110%												
Th	18.4	19.6	106%	90% - 110%												
Ti	0.527	0.543	103%	90% - 110%									0.222	0.229	103%	90% - 110%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

U	5.7	5.9	103%	90% - 110%												
V	77	81	105%	90% - 110%												
W	5	5	110%	90% - 110%												
Y	40	39	99%	90% - 110%	25.3	27.9	110%	90% - 110%								
Yb					2.66	2.85	107%	90% - 110%								
Zn	130	128	99%	90% - 110%									75.4	78.4	103%	90% - 110%
Zr	390	382	98%	90% - 110%	157	166	106%	90% - 110%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O731168

PROJECT: 2021 Surimeau DDH Batch 23

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O731168

PROJECT: 2021 Surimeau DDH Batch 23

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O731168

PROJECT: 2021 Surimeau DDH Batch 23

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 24

AGAT WORK ORDER: 21O731173

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Sep 10, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

Disclaimer:

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project Manager if you require additional sample storage time.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
- The test results reported herewith relate only to the samples as received by the laboratory.
- Measurement Uncertainty is not taken into consideration when stating conformity with a specified requirement.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731173

PROJECT: 2021 Surimeau DDH Batch 24

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 10, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
46651 (2322417)	4.02
46652 (2322418)	0.97
46653 (2322419)	4.16
46654 (2322420)	4.47
46655 (2322421)	4.72
46656 (2322422)	4.80
46657 (2322423)	4.09
46658 (2322424)	2.85
46659 (2322425)	2.56
46660 (2322426)	2.12
46661 (2322427)	3.96
46662C-DUP (2322428)	-
46663 (2322429)	3.89
46664 (2322430)	2.00
46665 (2322431)	1.91
46666 (2322432)	3.15
46667 (2322433)	3.47
46668 (2322434)	3.81
46669 (2322435)	3.92
46670 (2322436)	4.06
46671 (2322437)	3.96
46672 (2322438)	0.89
46673 (2322439)	3.93
46674 (2322440)	3.78
46675 (2322441)	2.26
46676 (2322442)	1.80
46677 (2322443)	4.37
46678 (2322444)	4.62
46679 (2322445)	4.44
46680 (2322446)	4.74
46681 (2322447)	4.65

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731173

PROJECT: 2021 Surimeau DDH Batch 24

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 10, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
46682 (2322448)	5.45
46683 (2322449)	4.54
46684 (2322450)	5.54
46685 (2322451)	4.50
46686 (2322452)	4.28
46687 (2322453)	4.67
46688 (2322454)	6.68
46689 (2322455)	5.26
46690 (2322456)	5.11
46691 (2322457)	2.39
46692 (2322458)	2.50
46693 (2322459)	4.82
46694 (2322460)	5.13
46695C-DUP (2322461)	-
46696 (2322462)	5.94
46697 (2322463)	5.61
46698 (2322464)	4.54
46699 (2322465)	4.28
46700 (2322466)	4.57

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731173

PROJECT: 2021 Surimeau DDH Batch 24

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 10, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
46651 (2322417)	<1	3.04	<5	<20	1.7	<5	0.3	4.58	<0.2	1.3	95.7	0.210	0.3	23
46652 (2322418)	<1	0.05	<5	<20	12.9	<5	<0.1	34.8	<0.2	1.1	0.5	<0.005	0.1	<5
46653 (2322419)	<1	3.47	<5	<20	0.9	<5	0.1	5.10	<0.2	1.4	95.2	0.238	0.3	76
46654 (2322420)	<1	2.37	<5	<20	1.6	<5	0.2	5.06	<0.2	1.2	91.8	0.197	<0.1	26
46655 (2322421)	<1	3.86	<5	<20	6.2	<5	0.1	5.68	<0.2	1.5	101	0.281	0.2	100
46656 (2322422)	<1	3.82	<5	<20	21.8	<5	0.4	7.00	<0.2	2.3	133	0.298	0.5	56
46657 (2322423)	<1	5.13	<5	<20	300	<5	0.4	7.12	<0.2	3.8	124	0.346	4.1	95
46658 (2322424)	2	6.98	<5	<20	596	<5	0.6	4.45	13.0	37.4	113	0.111	2.6	2170
46659 (2322425)	<1	8.28	<5	<20	155	<5	0.6	2.26	12.2	55.3	60.9	0.019	<0.1	380
46660 (2322426)	<1	6.92	<5	<20	395	<5	1.1	5.10	2.8	34.3	141	0.208	0.3	937
46661 (2322427)	<1	10.1	<5	<20	703	<5	0.2	2.30	0.2	100	11.2	0.023	<0.1	32
46662C-DUP (2322428)	<1	9.71	<5	<20	686	<5	0.1	2.22	<0.2	102	11.4	0.023	<0.1	31
46663 (2322429)	<1	10.1	<5	<20	598	<5	0.1	2.40	<0.2	119	7.1	0.009	<0.1	6
46664 (2322430)	<1	10.1	5	<20	536	<5	0.1	2.20	<0.2	109	6.8	0.006	0.2	<5
46665 (2322431)	<1	10.0	<5	<20	548	5	0.1	2.17	<0.2	105	5.9	0.008	0.1	<5
46666 (2322432)	<1	10.2	<5	<20	537	<5	0.1	2.14	<0.2	106	6.0	0.007	<0.1	<5
46667 (2322433)	<1	10.0	<5	<20	603	<5	0.2	2.27	0.2	107	6.4	0.007	<0.1	<5
46668 (2322434)	<1	9.83	<5	<20	657	5	<0.1	1.89	0.3	89.1	4.3	0.007	<0.1	18
46669 (2322435)	1	9.73	<5	<20	596	<5	<0.1	2.18	0.4	106	5.7	0.007	<0.1	<5
46670 (2322436)	<1	9.71	<5	<20	617	<5	0.2	2.36	0.4	122	6.4	0.007	<0.1	9
46671 (2322437)	<1	9.57	<5	<20	742	<5	0.1	2.93	<0.2	103	11.5	0.014	<0.1	9
46672 (2322438)	<1	0.05	<5	<20	30.6	<5	<0.1	>50	<0.2	1.5	<0.5	<0.005	<0.1	<5
46673 (2322439)	<1	10.0	<5	<20	626	<5	<0.1	2.29	<0.2	109	7.4	0.006	<0.1	<5
46674 (2322440)	<1	9.64	<5	<20	674	<5	0.2	2.85	<0.2	90.9	11.8	0.009	0.1	7
46675 (2322441)	<1	9.77	<5	<20	610	<5	<0.1	2.18	<0.2	94.9	6.7	0.006	<0.1	5
46676 (2322442)	2	5.87	<5	<20	755	<5	0.2	4.93	0.3	61.2	51.6	0.095	13.6	59
46677 (2322443)	3	4.30	<5	<20	601	<5	0.2	4.77	0.3	21.3	71.7	0.156	28.2	33
46678 (2322444)	2	2.91	<5	<20	38.1	<5	0.5	5.07	<0.2	2.1	90.1	0.216	1.9	76
46679 (2322445)	<1	3.12	<5	<20	3.4	<5	0.3	4.31	<0.2	1.6	91.8	0.217	0.6	32
46680 (2322446)	<1	3.16	<5	<20	2.6	<5	0.4	5.20	<0.2	1.9	92.7	0.232	0.4	47
46681 (2322447)	<1	3.53	<5	<20	5.7	<5	0.3	4.57	0.3	2.0	93.4	0.253	0.3	36
46682 (2322448)	<1	3.12	<5	<20	2.6	<5	0.4	5.31	0.3	1.5	96.3	0.227	0.4	51

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731173

PROJECT: 2021 Surimeau DDH Batch 24

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 10, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
46683 (2322449)	<1	2.74	<5	<20	3.2	<5	0.8	4.41	<0.2	1.5	96.0	0.207	0.4	14
46684 (2322450)	<1	3.03	<5	<20	3.7	<5	0.4	4.10	<0.2	1.0	94.5	0.216	0.6	36
46685 (2322451)	<1	2.76	<5	<20	2.8	<5	0.6	4.43	<0.2	1.6	92.4	0.201	0.5	26
46686 (2322452)	<1	3.90	<5	<20	61.8	<5	0.3	4.38	0.2	5.8	95.7	0.243	5.0	74
46687 (2322453)	<1	3.47	<5	<20	5.2	<5	0.5	5.14	<0.2	1.8	92.2	0.213	1.2	74
46688 (2322454)	<1	3.33	<5	<20	3.2	<5	0.3	4.34	<0.2	1.5	92.6	0.231	0.4	67
46689 (2322455)	<1	3.44	<5	<20	2.0	<5	0.2	3.85	<0.2	1.3	96.6	0.238	0.6	47
46690 (2322456)	<1	2.97	<5	<20	1.9	<5	0.4	4.64	<0.2	1.4	94.1	0.210	0.7	41
46691 (2322457)	<1	3.19	<5	<20	60.7	<5	0.3	6.65	<0.2	1.6	88.9	0.227	4.0	47
46692 (2322458)	<1	3.20	<5	<20	6.2	<5	0.4	5.31	<0.2	1.0	89.5	0.222	0.7	44
46693 (2322459)	<1	3.60	<5	<20	366	<5	0.3	9.21	<0.2	2.0	84.2	0.229	24.2	13
46694 (2322460)	<1	2.69	<5	<20	282	<5	0.3	14.1	<0.2	2.1	69.7	0.181	17.6	11
46695C-DUP (2322461)	<1	2.74	<5	<20	296	<5	0.3	14.0	<0.2	2.1	70.6	0.181	18.9	10
46696 (2322462)	<1	3.55	<5	<20	106	<5	0.3	4.72	<0.2	2.3	91.1	0.213	7.7	54
46697 (2322463)	<1	3.33	<5	<20	165	<5	0.3	4.48	<0.2	1.8	89.0	0.204	13.7	70
46698 (2322464)	<1	3.49	<5	<20	416	<5	0.3	4.45	<0.2	1.3	81.3	0.190	34.8	40
46699 (2322465)	<1	2.90	<5	<20	103	<5	0.4	6.25	<0.2	1.6	87.8	0.201	9.1	59
46700 (2322466)	<1	3.07	<5	<20	151	<5	0.4	8.90	<0.2	1.6	90.3	0.214	8.5	32

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731173

PROJECT: 2021 Surimeau DDH Batch 24

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 10, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
46651 (2322417)	1.10	0.47	<0.05	6.97	7.29	0.75	1	<1	0.27	<0.2	<0.05	0.4	<10	0.11
46652 (2322418)	0.22	0.07	<0.05	0.16	0.21	0.15	<1	<1	0.07	<0.2	<0.05	1.2	<10	<0.05
46653 (2322419)	1.15	0.68	<0.05	7.66	7.27	0.94	1	<1	0.31	<0.2	<0.05	0.6	<10	0.16
46654 (2322420)	1.19	0.59	<0.05	6.33	5.61	0.76	1	<1	0.20	<0.2	<0.05	0.6	<10	0.05
46655 (2322421)	1.59	0.88	0.10	8.30	8.21	1.09	1	<1	0.31	<0.2	<0.05	0.6	<10	0.08
46656 (2322422)	1.83	1.05	0.61	7.85	7.91	1.28	2	<1	0.31	<0.2	0.14	0.9	11	0.12
46657 (2322423)	2.08	1.03	0.39	8.87	10.5	1.57	2	<1	0.51	<0.2	0.62	1.6	38	0.14
46658 (2322424)	3.60	1.94	1.74	9.16	19.4	3.85	1	3	0.77	2.1	0.62	16.7	33	0.25
46659 (2322425)	2.61	1.53	1.81	4.76	21.0	3.76	1	4	0.57	2.9	0.12	27.8	<10	0.22
46660 (2322426)	2.54	1.36	0.93	11.2	16.1	2.81	1	2	0.65	0.2	0.20	18.2	11	0.24
46661 (2322427)	2.27	0.57	1.86	2.36	23.9	5.72	<1	6	0.34	<0.2	0.18	49.6	13	0.06
46662C-DUP (2322428)	2.17	0.54	1.95	2.24	23.9	5.55	<1	6	0.34	<0.2	0.19	48.3	12	<0.05
46663 (2322429)	2.87	0.79	2.11	2.30	23.5	6.35	<1	6	0.45	<0.2	0.18	57.3	13	0.07
46664 (2322430)	2.55	0.47	2.24	2.12	23.3	5.86	<1	6	0.28	<0.2	0.16	50.8	13	0.07
46665 (2322431)	2.34	0.48	2.15	2.09	23.0	5.64	<1	6	0.35	<0.2	0.16	49.3	13	<0.05
46666 (2322432)	2.10	0.55	1.98	2.05	23.2	5.71	<1	6	0.27	<0.2	0.16	53.0	13	0.07
46667 (2322433)	2.17	0.56	2.14	2.20	23.9	6.00	<1	6	0.30	<0.2	0.16	51.6	12	<0.05
46668 (2322434)	2.12	0.50	1.56	1.83	30.0	5.09	<1	6	0.31	<0.2	0.14	41.8	<10	<0.05
46669 (2322435)	2.35	0.67	2.09	2.10	27.5	5.77	<1	6	0.36	<0.2	0.16	50.7	11	<0.05
46670 (2322436)	2.50	0.55	1.98	2.28	25.4	6.43	<1	6	0.36	<0.2	0.17	56.8	13	0.05
46671 (2322437)	2.61	0.81	2.10	2.74	22.9	5.96	1	5	0.37	<0.2	0.17	49.5	14	0.06
46672 (2322438)	0.22	0.11	<0.05	0.12	0.20	0.25	1	<1	0.05	<0.2	<0.05	1.8	<10	<0.05
46673 (2322439)	2.68	0.53	2.13	2.25	25.1	5.82	<1	6	0.36	<0.2	0.17	52.6	12	<0.05
46674 (2322440)	2.81	1.11	1.97	2.98	26.0	5.58	<1	6	0.46	<0.2	0.17	44.2	14	0.08
46675 (2322441)	2.15	0.67	1.77	2.07	27.1	5.26	<1	6	0.31	<0.2	0.14	46.8	<10	<0.05
46676 (2322442)	3.28	1.44	1.52	6.53	19.1	4.85	2	3	0.71	<0.2	1.59	27.8	91	0.21
46677 (2322443)	2.29	1.16	0.93	6.53	14.6	2.56	2	2	0.44	<0.2	2.92	8.8	104	0.17
46678 (2322444)	1.08	0.74	<0.05	6.87	7.86	0.79	2	<1	0.21	<0.2	0.22	0.9	<10	0.07
46679 (2322445)	1.70	0.69	0.05	7.10	7.76	0.86	2	<1	0.26	<0.2	<0.05	0.6	<10	0.10
46680 (2322446)	1.27	0.92	0.06	7.47	7.72	0.93	2	<1	0.33	<0.2	<0.05	0.6	<10	0.13
46681 (2322447)	1.56	0.74	<0.05	7.82	8.24	0.92	2	<1	0.33	<0.2	<0.05	1.0	<10	0.09
46682 (2322448)	1.63	0.58	0.13	7.21	7.34	0.87	2	<1	0.21	<0.2	<0.05	0.5	<10	0.10

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731173

PROJECT: 2021 Surimeau DDH Batch 24

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 10, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
46683 (2322449)	1.23	0.50	<0.05	6.96	6.77	0.68	2	<1	0.22	<0.2	<0.05	0.4	<10	0.09
46684 (2322450)	1.38	0.72	<0.05	6.94	8.07	0.71	2	<1	0.25	<0.2	<0.05	0.3	<10	0.10
46685 (2322451)	0.91	0.42	0.08	6.92	6.83	0.59	2	<1	0.26	<0.2	<0.05	0.5	<10	0.08
46686 (2322452)	1.47	1.17	0.09	8.01	9.99	1.31	1	<1	0.38	<0.2	0.45	2.6	11	0.16
46687 (2322453)	1.26	0.88	0.09	7.00	10.5	0.87	2	<1	0.21	<0.2	0.06	0.5	<10	0.13
46688 (2322454)	1.21	0.83	0.17	7.42	8.67	0.81	2	<1	0.24	<0.2	<0.05	0.4	<10	0.10
46689 (2322455)	1.27	0.59	<0.05	7.37	8.61	0.80	2	<1	0.33	<0.2	<0.05	0.3	<10	0.11
46690 (2322456)	0.84	0.50	0.07	6.91	7.29	0.69	1	<1	0.21	<0.2	<0.05	0.6	<10	0.06
46691 (2322457)	1.25	0.54	0.24	7.16	7.45	0.80	1	<1	0.20	<0.2	0.38	0.6	13	0.09
46692 (2322458)	0.99	0.55	0.10	7.13	7.51	0.77	1	<1	0.25	<0.2	0.06	0.4	<10	0.08
46693 (2322459)	1.40	0.68	0.36	7.64	7.51	0.95	1	<1	0.35	<0.2	2.57	0.6	95	0.12
46694 (2322460)	1.08	0.68	0.67	6.09	5.76	0.85	<1	<1	0.22	<0.2	1.87	0.8	70	0.11
46695C-DUP (2322461)	1.23	0.60	0.87	6.15	5.95	0.89	<1	<1	0.24	<0.2	1.90	0.8	72	0.16
46696 (2322462)	1.68	1.07	0.19	7.60	9.34	1.21	2	<1	0.32	<0.2	0.78	0.9	21	0.08
46697 (2322463)	1.35	0.70	0.13	7.13	9.74	0.93	2	<1	0.28	<0.2	1.37	0.6	39	0.12
46698 (2322464)	1.09	0.59	0.15	6.27	12.7	0.70	2	<1	0.26	<0.2	3.58	0.4	104	0.11
46699 (2322465)	1.10	0.92	0.08	6.82	8.56	0.95	2	<1	0.33	<0.2	0.94	0.4	27	0.15
46700 (2322466)	1.22	0.72	0.31	7.13	7.09	0.91	2	<1	0.30	<0.2	0.94	0.5	32	0.14

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731173

PROJECT: 2021 Surimeau DDH Batch 24

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 10, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
46651 (2322417)	14.2	1240	<2	<1	1.4	1430	<0.01	<5	0.18	0.4	0.14	<0.1	20	21.1
46652 (2322418)	2.05	115	<2	<1	0.7	7	<0.01	<5	0.27	<0.2	0.51	<0.1	<5	4.15
46653 (2322419)	14.4	1090	<2	<1	1.5	1200	<0.01	<5	0.18	<0.2	0.25	<0.1	25	19.9
46654 (2322420)	15.0	1020	<2	<1	0.9	1410	<0.01	<5	0.26	<0.2	0.12	<0.1	18	21.4
46655 (2322421)	13.3	1740	<2	<1	1.2	1230	<0.01	<5	0.36	0.3	0.26	<0.1	28	21.6
46656 (2322422)	11.4	2250	<2	<1	2.1	1930	<0.01	<5	0.27	4.2	0.25	<0.1	29	22.4
46657 (2322423)	7.76	3550	<2	1	3.3	1880	<0.01	6	0.66	27.5	0.48	<0.1	35	23.6
46658 (2322424)	1.78	1760	<2	5	19.1	868	0.06	17	4.77	30.7	4.63	<0.1	24	23.8
46659 (2322425)	0.57	570	49	7	24.1	332	0.09	11	6.30	0.9	2.52	<0.1	13	27.5
46660 (2322426)	1.00	2120	<2	3	15.3	1290	0.02	22	4.14	2.7	4.57	<0.1	27	22.2
46661 (2322427)	0.64	359	<2	8	47.6	84	0.08	22	12.5	0.6	0.15	<0.1	5	30.7
46662C-DUP (2322428)	0.60	353	<2	8	47.6	79	0.08	21	12.3	0.4	0.13	<0.1	<5	29.6
46663 (2322429)	0.68	339	<2	8	54.8	19	0.08	28	14.4	1.2	0.04	<0.1	<5	31.1
46664 (2322430)	0.60	305	<2	8	55.1	17	0.08	23	13.1	0.8	0.02	<0.1	<5	30.7
46665 (2322431)	0.59	306	<2	7	49.0	8	0.08	25	12.2	0.7	0.02	<0.1	<5	30.3
46666 (2322432)	0.61	286	<2	8	49.7	10	0.08	21	12.7	1.3	0.03	<0.1	<5	30.7
46667 (2322433)	0.62	308	<2	8	51.6	29	0.07	25	13.5	1.5	0.02	<0.1	<5	30.1
46668 (2322434)	0.52	247	<2	7	44.6	<5	0.06	23	10.6	0.5	0.04	<0.1	<5	30.0
46669 (2322435)	0.56	287	<2	8	48.1	7	0.07	23	12.8	0.9	0.02	<0.1	<5	29.5
46670 (2322436)	0.67	332	<2	8	57.8	16	0.08	26	14.4	1.6	0.05	<0.1	<5	29.1
46671 (2322437)	1.31	436	<2	7	51.4	<5	0.08	22	12.6	2.9	0.08	<0.1	8	29.5
46672 (2322438)	2.08	143	<2	<1	1.3	7	<0.01	<5	0.25	0.5	0.74	<0.1	<5	5.63
46673 (2322439)	0.65	317	<2	8	51.2	11	0.06	21	13.9	0.6	0.02	<0.1	<5	30.1
46674 (2322440)	1.19	449	<2	7	43.9	12	0.08	21	11.5	1.1	0.05	<0.1	7	30.3
46675 (2322441)	0.57	289	<2	7	46.4	12	0.06	21	11.5	0.2	0.06	<0.1	<5	29.6
46676 (2322442)	7.06	1340	<2	5	33.1	395	0.14	13	8.00	84.3	0.31	<0.1	24	24.4
46677 (2322443)	10.2	1180	<2	3	13.5	790	0.07	8	2.99	147	0.18	<0.1	22	23.3
46678 (2322444)	15.0	1270	<2	<1	1.1	1370	<0.01	<5	0.33	10.1	0.36	<0.1	21	22.1
46679 (2322445)	14.7	1220	<2	<1	1.4	1130	<0.01	<5	0.23	1.7	0.21	<0.1	23	19.8
46680 (2322446)	14.4	1240	<2	<1	1.3	1150	<0.01	<5	0.26	0.9	0.30	<0.1	24	20.1
46681 (2322447)	14.6	1080	<2	<1	1.7	1100	<0.01	<5	0.25	3.1	0.26	<0.1	25	20.1
46682 (2322448)	14.8	1210	<2	<1	1.0	1280	<0.01	<5	0.17	1.2	0.31	<0.1	22	19.6

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731173

PROJECT: 2021 Surimeau DDH Batch 24

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 10, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
46683 (2322449)	15.7	1300	<2	<1	1.0	1440	<0.01	<5	0.20	1.9	0.14	<0.1	20	20.3
46684 (2322450)	15.2	1190	<2	<1	1.1	1420	<0.01	<5	0.16	2.2	0.21	<0.1	21	21.6
46685 (2322451)	14.7	1400	<2	<1	1.4	1390	<0.01	<5	0.23	1.9	0.18	<0.1	20	20.8
46686 (2322452)	13.4	1100	<2	1	4.5	1120	<0.01	<5	0.87	25.1	0.35	<0.1	26	21.1
46687 (2322453)	14.5	1170	<2	<1	1.4	1250	<0.01	<5	0.24	0.9	0.35	<0.1	21	22.1
46688 (2322454)	14.7	1270	<2	<1	1.5	1290	<0.01	<5	0.32	0.6	0.27	<0.1	23	21.1
46689 (2322455)	15.0	1160	<2	<1	1.3	1170	<0.01	<5	0.16	1.5	0.19	<0.1	24	20.5
46690 (2322456)	14.7	1260	<2	<1	0.8	1430	<0.01	<5	0.16	0.8	0.22	<0.1	20	20.5
46691 (2322457)	13.7	1380	<2	<1	1.7	1210	<0.01	<5	0.23	21.3	0.27	<0.1	22	19.0
46692 (2322458)	14.6	1200	<2	<1	1.0	1210	<0.01	<5	0.29	2.0	0.25	<0.1	22	20.6
46693 (2322459)	11.0	1680	<2	<1	1.4	942	<0.01	9	0.28	142	0.17	<0.1	25	17.9
46694 (2322460)	9.95	1990	<2	<1	1.6	832	<0.01	12	0.37	101	0.26	<0.1	20	14.6
46695C-DUP (2322461)	10.0	1990	<2	<1	1.2	847	<0.01	14	0.30	107	0.25	<0.1	20	14.6
46696 (2322462)	13.1	1150	<2	<1	2.0	978	<0.01	<5	0.39	50.0	0.47	<0.1	24	20.8
46697 (2322463)	13.4	1170	<2	<1	1.1	1020	<0.01	<5	0.27	80.5	0.53	<0.1	23	22.1
46698 (2322464)	12.8	978	<2	1	1.4	1180	<0.01	9	0.20	181	0.38	<0.1	18	23.3
46699 (2322465)	13.4	1210	<2	<1	1.6	1120	<0.01	5	0.18	46.1	0.64	<0.1	21	22.3
46700 (2322466)	11.9	1710	<2	<1	1.4	1110	<0.01	7	0.21	55.5	0.55	<0.1	23	18.9

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731173

PROJECT: 2021 Surimeau DDH Batch 24

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 10, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
46651 (2322417)	0.4	<1	80.6	<0.5	0.10	0.2	0.16	<0.5	0.12	<0.05	121	<1	6.1	0.7
46652 (2322418)	<0.1	<1	76.5	<0.5	<0.05	0.1	<0.01	<0.5	<0.05	0.09	<5	<1	2.3	0.2
46653 (2322419)	0.6	<1	68.1	<0.5	0.14	<0.1	0.20	<0.5	0.13	<0.05	160	<1	7.6	0.9
46654 (2322420)	0.6	<1	71.7	<0.5	0.10	<0.1	0.13	<0.5	0.07	<0.05	104	<1	6.1	0.6
46655 (2322421)	0.4	<1	20.7	<0.5	0.23	<0.1	0.22	<0.5	0.16	<0.05	170	<1	8.4	1.0
46656 (2322422)	0.7	1	29.0	<0.5	0.19	0.1	0.22	<0.5	0.16	<0.05	171	<1	9.8	1.1
46657 (2322423)	1.1	2	125	<0.5	0.31	0.2	0.29	0.6	0.19	0.16	208	<1	13.4	1.5
46658 (2322424)	3.3	8	259	<0.5	0.49	4.1	0.35	1.4	0.30	1.33	139	<1	18.0	2.2
46659 (2322425)	5.0	9	270	<0.5	0.56	6.7	0.31	<0.5	0.22	3.10	88	<1	16.3	1.5
46660 (2322426)	2.5	5	559	<0.5	0.40	3.0	0.31	<0.5	0.24	1.20	96	<1	15.9	1.6
46661 (2322427)	8.6	1	1930	<0.5	0.45	8.0	0.29	<0.5	0.08	3.08	48	<1	8.9	0.5
46662C-DUP (2322428)	9.3	3	1800	<0.5	0.54	7.5	0.28	<0.5	0.10	2.93	47	<1	10.6	0.4
46663 (2322429)	8.8	2	1970	<0.5	0.61	8.4	0.31	<0.5	0.07	3.18	49	<1	11.6	0.4
46664 (2322430)	8.7	2	1770	<0.5	0.56	7.9	0.29	<0.5	0.06	3.33	43	<1	9.1	0.4
46665 (2322431)	7.2	2	1760	<0.5	0.48	7.8	0.28	<0.5	0.08	2.97	45	<1	8.7	0.4
46666 (2322432)	9.9	2	1760	<0.5	0.54	8.0	0.28	<0.5	<0.05	3.30	43	<1	7.9	0.3
46667 (2322433)	9.2	2	1850	<0.5	0.42	8.2	0.29	<0.5	<0.05	3.26	45	<1	11.5	0.4
46668 (2322434)	8.3	1	1790	<0.5	0.50	7.0	0.24	<0.5	0.07	2.57	37	<1	8.9	0.4
46669 (2322435)	9.4	3	1880	<0.5	0.56	8.3	0.28	<0.5	0.08	2.74	47	<1	9.9	0.6
46670 (2322436)	10.3	2	2110	<0.5	0.65	9.0	0.32	<0.5	0.09	2.90	51	<1	9.9	0.5
46671 (2322437)	8.6	3	1870	<0.5	0.57	7.9	0.33	<0.5	0.08	2.52	70	<1	12.4	0.7
46672 (2322438)	0.2	<1	112	<0.5	<0.05	0.2	<0.01	<0.5	<0.05	0.25	<5	<1	3.0	0.2
46673 (2322439)	8.7	<1	1910	<0.5	0.56	8.1	0.30	<0.5	0.05	2.95	48	<1	10.0	0.4
46674 (2322440)	8.3	2	1780	<0.5	0.52	7.1	0.32	<0.5	0.13	2.81	66	<1	11.7	0.8
46675 (2322441)	8.1	2	1830	<0.5	0.49	7.1	0.26	<0.5	<0.05	2.67	45	<1	8.9	0.4
46676 (2322442)	7.7	5	518	<0.5	0.62	4.6	0.41	0.9	0.23	1.56	175	<1	17.8	1.6
46677 (2322443)	2.7	2	175	<0.5	0.35	1.8	0.28	1.5	0.15	0.81	147	<1	11.5	1.1
46678 (2322444)	0.5	<1	104	<0.5	0.13	0.2	0.17	<0.5	0.11	0.08	120	<1	5.8	0.8
46679 (2322445)	0.9	<1	139	<0.5	0.17	<0.1	0.18	<0.5	0.15	<0.05	136	<1	7.1	0.8
46680 (2322446)	0.9	<1	138	<0.5	0.19	<0.1	0.19	<0.5	0.11	<0.05	151	<1	7.3	1.0
46681 (2322447)	0.7	<1	89.8	<0.5	0.18	<0.1	0.21	<0.5	0.13	<0.05	164	<1	9.3	0.9
46682 (2322448)	0.8	<1	160	<0.5	0.15	<0.1	0.18	<0.5	0.08	<0.05	134	<1	7.6	0.8

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731173

PROJECT: 2021 Surimeau DDH Batch 24

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 10, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
46683 (2322449)	0.7	<1	220	<0.5	0.14	<0.1	0.15	<0.5	0.07	<0.05	115	<1	7.1	0.6
46684 (2322450)	0.6	<1	133	<0.5	0.10	<0.1	0.16	<0.5	0.07	<0.05	122	<1	6.5	0.7
46685 (2322451)	0.6	<1	177	<0.5	0.11	<0.1	0.15	<0.5	<0.05	0.07	106	<1	5.5	0.6
46686 (2322452)	1.1	<1	46.9	<0.5	0.22	0.5	0.22	<0.5	0.13	0.13	176	<1	9.6	1.2
46687 (2322453)	0.7	<1	59.1	<0.5	0.09	<0.1	0.17	<0.5	0.11	0.08	139	<1	7.5	0.8
46688 (2322454)	0.8	<1	81.9	<0.5	0.10	<0.1	0.19	<0.5	0.12	<0.05	142	<1	7.8	0.8
46689 (2322455)	0.4	<1	73.7	<0.5	0.18	<0.1	0.20	<0.5	0.11	<0.05	150	<1	7.8	0.8
46690 (2322456)	0.5	<1	134	<0.5	0.09	<0.1	0.16	<0.5	0.12	<0.05	106	<1	5.9	0.6
46691 (2322457)	0.7	<1	192	<0.5	0.14	<0.1	0.19	<0.5	0.09	<0.05	129	<1	7.4	0.6
46692 (2322458)	0.6	<1	108	<0.5	0.14	<0.1	0.18	<0.5	0.09	<0.05	129	<1	7.2	0.8
46693 (2322459)	0.8	<1	260	<0.5	0.21	<0.1	0.21	1.4	0.08	<0.05	155	<1	8.8	0.8
46694 (2322460)	0.6	<1	465	<0.5	0.13	<0.1	0.15	1.0	0.09	<0.05	114	<1	7.1	0.7
46695C-DUP (2322461)	0.4	<1	453	<0.5	0.16	<0.1	0.15	1.1	0.09	<0.05	113	<1	8.2	0.8
46696 (2322462)	1.0	<1	57.6	<0.5	0.20	0.1	0.21	<0.5	0.14	0.11	149	<1	9.4	0.8
46697 (2322463)	0.7	<1	42.9	<0.5	0.16	<0.1	0.19	0.7	0.12	0.12	131	<1	8.1	0.8
46698 (2322464)	0.6	<1	42.2	<0.5	0.08	<0.1	0.17	1.8	0.07	0.11	118	<1	5.0	0.6
46699 (2322465)	0.9	<1	65.2	<0.5	0.15	<0.1	0.16	<0.5	0.09	0.07	121	<1	9.1	0.8
46700 (2322466)	0.9	<1	196	<0.5	0.13	<0.1	0.18	0.6	0.12	<0.05	140	<1	9.2	0.7

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731173

PROJECT: 2021 Surimeau DDH Batch 24

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 10, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
46651 (2322417)	59	18.4
46652 (2322418)	<5	4.5
46653 (2322419)	52	18.2
46654 (2322420)	41	10.0
46655 (2322421)	64	20.4
46656 (2322422)	68	18.1
46657 (2322423)	188	23.2
46658 (2322424)	6590	109
46659 (2322425)	6260	129
46660 (2322426)	1560	86.0
46661 (2322427)	77	200
46662C-DUP (2322428)	71	203
46663 (2322429)	64	236
46664 (2322430)	54	223
46665 (2322431)	46	212
46666 (2322432)	48	211
46667 (2322433)	58	227
46668 (2322434)	52	193
46669 (2322435)	44	224
46670 (2322436)	57	236
46671 (2322437)	64	206
46672 (2322438)	<5	12.5
46673 (2322439)	52	217
46674 (2322440)	83	189
46675 (2322441)	60	201
46676 (2322442)	128	118
46677 (2322443)	93	56.6
46678 (2322444)	48	20.9
46679 (2322445)	52	15.2
46680 (2322446)	55	15.2
46681 (2322447)	53	19.9
46682 (2322448)	52	13.4

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731173

PROJECT: 2021 Surimeau DDH Batch 24

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 10, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
46683 (2322449)	54	13.5
46684 (2322450)	57	15.4
46685 (2322451)	51	15.2
46686 (2322452)	61	23.9
46687 (2322453)	56	17.8
46688 (2322454)	56	16.4
46689 (2322455)	56	20.7
46690 (2322456)	53	14.3
46691 (2322457)	47	15.6
46692 (2322458)	51	14.8
46693 (2322459)	59	16.0
46694 (2322460)	44	14.2
46695C-DUP (2322461)	44	13.5
46696 (2322462)	59	17.0
46697 (2322463)	67	16.7
46698 (2322464)	122	15.0
46699 (2322465)	65	13.0
46700 (2322466)	54	18.7

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731173

PROJECT: 2021 Surimeau DDH Batch 24

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 10, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
46651 (2322417)	79.47
46670 (2322436)	77.42
46690 (2322456)	79.10

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731173

PROJECT: 2021 Surimeau DDH Batch 24

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Sep 10, 2021 | SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
46651 (2322417)		86.21
46671 (2322437)		86.36
46691 (2322457)		87.50

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2322417	< 1	< 1	0.0%	2322431	< 1	< 1	0.0%	2322442	2	< 1		2322457	< 1	< 1	0.0%
Al	2322417	3.04	2.81	7.9%	2322431	10.0	9.91	0.9%	2322442	5.87	5.85	0.3%	2322457	3.19	3.23	1.2%
As	2322417	< 5	< 5	0.0%	2322431	< 5	< 5	0.0%	2322442	< 5	< 5	0.0%	2322457	< 5	< 5	0.0%
B	2322417	< 20	< 20	0.0%	2322431	< 20	< 20	0.0%	2322442	< 20	< 20	0.0%	2322457	< 20	< 20	0.0%
Ba	2322417	1.7	1.7	0.0%	2322431	548	538	1.8%	2322442	755	757	0.3%	2322457	60.7	61.8	1.8%
Be	2322417	< 5	< 5	0.0%	2322431	5	< 5		2322442	< 5	< 5	0.0%	2322457	< 5	< 5	0.0%
Bi	2322417	0.26	0.24	8.0%	2322431	0.1	0.1	0.0%	2322442	0.22	0.28	24.0%	2322457	0.33	0.36	8.7%
Ca	2322417	4.58	4.39	4.2%	2322431	2.17	2.14	1.4%	2322442	4.93	5.06	2.6%	2322457	6.65	6.72	1.0%
Cd	2322417	< 0.2	< 0.2	0.0%	2322431	0.2	0.2	0.0%	2322442	0.3	< 0.2		2322457	< 0.2	< 0.2	0.0%
Ce	2322417	1.29	1.23	4.8%	2322431	105	108	2.8%	2322442	61.2	62.0	1.3%	2322457	1.6	1.4	13.3%
Co	2322417	95.7	92.1	3.8%	2322431	5.91	6.20	4.8%	2322442	51.6	54.1	4.7%	2322457	88.9	93.1	4.6%
Cr	2322417	0.210	0.205	2.4%	2322431	0.008	0.008	0.0%	2322442	0.0950	0.0956	0.6%	2322457	0.227	0.225	0.9%
Cs	2322417	0.3	< 0.1		2322431	0.1	< 0.1		2322442	13.6	12.6	7.6%	2322457	3.99	3.31	18.6%
Cu	2322417	23	24	4.3%	2322431	< 5	< 5	0.0%	2322442	59	60	1.7%	2322457	47	46	2.2%
Dy	2322417	1.10	0.93	16.7%	2322431	2.34	2.31	1.3%	2322442	3.28	3.46	5.3%	2322457	1.25	1.18	5.8%
Er	2322417	0.47	0.49	4.2%	2322431	0.48	0.62	25.5%	2322442	1.44	1.53	6.1%	2322457	0.540	0.699	25.7%
Eu	2322417	< 0.05	< 0.05	0.0%	2322431	2.15	1.62	28.1%	2322442	1.52	1.78	15.8%	2322457	0.24	0.19	23.3%
Fe	2322417	6.97	6.77	2.9%	2322431	2.09	2.06	1.4%	2322442	6.53	6.63	1.5%	2322457	7.16	7.26	1.4%
Ga	2322417	7.29	6.97	4.5%	2322431	23.0	23.3	1.3%	2322442	19.1	20.3	6.1%	2322457	7.45	7.55	1.3%
Gd	2322417	0.75	0.74	1.3%	2322431	5.64	5.69	0.9%	2322442	4.85	5.12	5.4%	2322457	0.797	0.825	3.5%
Ge	2322417	1	1	0.0%	2322431	< 1	< 1	0.0%	2322442	2	2	0.0%	2322457	1	1	0.0%
Hf	2322417	< 1	< 1	0.0%	2322431	6	6	0.0%	2322442	3	3	0.0%	2322457	< 1	< 1	0.0%
Ho	2322417	0.271	0.215	23.0%	2322431	0.349	0.387	10.3%	2322442	0.706	0.660	6.7%	2322457	0.20	0.23	14.0%
In	2322417	< 0.2	< 0.2	0.0%	2322431	< 0.2	< 0.2	0.0%	2322442	< 0.2	< 0.2	0.0%	2322457	< 0.2	< 0.2	0.0%
K	2322417	< 0.05	< 0.05	0.0%	2322431	0.16	0.16	0.0%	2322442	1.59	1.59	0.0%	2322457	0.38	0.38	0.0%
La	2322417	0.4	0.7		2322431	49.3	51.5	4.4%	2322442	27.8	28.2	1.4%	2322457	0.6	0.7	15.4%
Li	2322417	< 10	< 10	0.0%	2322431	13	11	16.7%	2322442	91	86	5.6%	2322457	13	13	0.0%
Lu	2322417	0.108	0.080	29.8%	2322431	< 0.05	< 0.05	0.0%	2322442	0.213	0.257	18.7%	2322457	0.09	0.14	
Mg	2322417	14.2	14.8	4.1%	2322431	0.586	0.561	4.4%	2322442	7.06	7.48	5.8%	2322457	13.7	13.6	0.7%
Mn	2322417	1240	1160	6.7%	2322431	306	296	3.3%	2322442	1340	1350	0.7%	2322457	1380	1390	0.7%
Mo	2322417	< 2	< 2	0.0%	2322431	< 2	< 2	0.0%	2322442	< 2	< 2	0.0%	2322457	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2322417	< 1	< 1	0.0%	2322431	7	8	13.3%	2322442	5	5	0.0%	2322457	< 1	< 1	0.0%
Nd	2322417	1.42	1.22	15.2%	2322431	49.0	49.1	0.2%	2322442	33.1	33.9	2.4%	2322457	1.7	1.5	12.5%
Ni	2322417	1430	1390	2.8%	2322431	8	< 5		2322442	395	391	1.0%	2322457	1210	1240	2.4%
P	2322417	< 0.01	< 0.01	0.0%	2322431	0.08	0.07	13.3%	2322442	0.135	0.131	3.0%	2322457	< 0.01	< 0.01	0.0%
Pb	2322417	< 5	< 5	0.0%	2322431	25	23	8.3%	2322442	13	12	8.0%	2322457	< 5	< 5	0.0%
Pr	2322417	0.18	0.20	10.5%	2322431	12.2	13.2	7.9%	2322442	8.00	7.66	4.3%	2322457	0.23	0.27	16.0%
Rb	2322417	0.4	< 0.2		2322431	0.7	0.4		2322442	84.3	94.4	11.3%	2322457	21.3	19.3	9.9%
S	2322417	0.14	0.14	0.0%	2322431	0.02	0.03		2322442	0.311	0.319	2.5%	2322457	0.27	0.27	0.0%
Sb	2322417	< 0.1	< 0.1	0.0%	2322431	< 0.1	< 0.1	0.0%	2322442	< 0.1	< 0.1	0.0%	2322457	< 0.1	< 0.1	0.0%
Sc	2322417	20	20	0.0%	2322431	< 5	< 5	0.0%	2322442	24	24	0.0%	2322457	22	23	4.4%
Si	2322417	21.1	20.4	3.4%	2322431	30.3	30.1	0.7%	2322442	24.4	24.6	0.8%	2322457	19.0	19.0	0.0%
Sm	2322417	0.4	0.5	22.2%	2322431	7.2	7.8	8.0%	2322442	7.7	6.6	15.4%	2322457	0.7	0.5	33.3%
Sn	2322417	< 1	< 1	0.0%	2322431	2	< 1		2322442	5	7		2322457	< 1	< 1	0.0%
Sr	2322417	80.6	76.9	4.7%	2322431	1760	1750	0.6%	2322442	518	513	1.0%	2322457	192	191	0.5%
Ta	2322417	< 0.5	< 0.5	0.0%	2322431	< 0.5	< 0.5	0.0%	2322442	< 0.5	< 0.5	0.0%	2322457	< 0.5	< 0.5	0.0%
Tb	2322417	0.10	0.11	9.5%	2322431	0.48	0.56	15.4%	2322442	0.616	0.604	2.0%	2322457	0.14	0.12	15.4%
Th	2322417	0.17	0.15	12.5%	2322431	7.8	8.2	5.0%	2322442	4.6	4.4	4.4%	2322457	< 0.1	< 0.1	0.0%
Ti	2322417	0.16	0.16	0.0%	2322431	0.28	0.28	0.0%	2322442	0.414	0.421	1.7%	2322457	0.187	0.184	1.6%
Tl	2322417	< 0.5	< 0.5	0.0%	2322431	< 0.5	< 0.5	0.0%	2322442	0.9	1.0	10.5%	2322457	< 0.5	< 0.5	0.0%
Tm	2322417	0.12	0.08		2322431	0.08	0.06	28.6%	2322442	0.233	0.205	12.8%	2322457	0.09	0.11	20.0%
U	2322417	< 0.05	< 0.05	0.0%	2322431	2.97	3.23	8.4%	2322442	1.56	1.63	4.4%	2322457	< 0.05	< 0.05	0.0%
V	2322417	121	119	1.7%	2322431	45	44	2.2%	2322442	175	175	0.0%	2322457	129	130	0.8%
W	2322417	< 1	< 1	0.0%	2322431	< 1	< 1	0.0%	2322442	< 1	< 1	0.0%	2322457	< 1	< 1	0.0%
Y	2322417	6.07	5.60	8.1%	2322431	8.7	9.0	3.4%	2322442	17.8	18.8	5.5%	2322457	7.4	6.9	7.0%
Yb	2322417	0.73	0.75	2.7%	2322431	0.4	0.4	0.0%	2322442	1.6	1.6	0.0%	2322457	0.6	0.8	28.6%
Zn	2322417	59	45	26.9%	2322431	46	50	8.3%	2322442	128	128	0.0%	2322457	47	50	6.2%
Zr	2322417	18.4	17.5	5.0%	2322431	212	208	1.9%	2322442	118	119	0.8%	2322457	15.6	16.6	6.2%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O731173

PROJECT: 2021 Surimeau DDH Batch 24

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.07	95%	90% - 110%					6.94	6.91	100%	90% - 110%	13.0	12.8	98%	90% - 110%
As	26	26	99%	90% - 110%												
Ba	540	501	93%	90% - 110%									1310	1323	101%	90% - 110%
Be	4.0	4	101%	90% - 110%												
Ca	0.907	0.889	98%	90% - 110%					4.01	4.05	101%	90% - 110%	1.42	1.41	99%	90% - 110%
Ce	98	108	110%	90% - 110%	58.2	63.1	108%	90% - 110%								
Co	15	15	100%	90% - 110%												
Cu	150	149	99%	90% - 110%									6.4	5.2	81%	90% - 110%
Er	3.7	4.1	112%	90% - 110%												
Fe	3.77	3.88	103%	90% - 110%					7.56	7.78	103%	90% - 110%	3.27	3.34	102%	90% - 110%
Ga					22.6	24	106%	90% - 110%								
Hf	11	11	100%	90% - 110%												
K	2.55	2.55	100%	90% - 110%					2.02	2.12	105%	90% - 110%	3.68	3.86	105%	90% - 110%
La	44	45	102%	90% - 110%	27.5	29.5	107%	90% - 110%								
Li	47	47	101%	90% - 110%									65.0	69.6	107%	90% - 110%
Lu	0.6	0.6	105%	90% - 110%												
Mg	1.1	1.1	96%	90% - 110%					2.41	2.44	101%	90% - 110%				
Mn	780	762	98%	90% - 110%												
Mo	14	15	109%	90% - 110%												
Nb	20	20	99%	90% - 110%	22.6	23.2	103%	90% - 110%								
Nd					27.3	28.4	104%	90% - 110%								
Ni	32	32	100%	90% - 110%												
P													0.061	0.056	92%	90% - 110%
Pb	31	33	107%	90% - 110%												
Rb	144	145	101%	90% - 110%	85.4	93.4	109%	90% - 110%								
Sb	0.8	0.6	72%	90% - 110%												
Sc	12	12	98%	90% - 110%												
Si	28.4	29	102%	90% - 110%					23.65	24.8	105%	90% - 110%	24.4	25.5	105%	90% - 110%
Sm	7.4	7.3	99%	90% - 110%												
Sr	144	149	104%	90% - 110%									310	324	105%	90% - 110%
Ta	1.9	1.7	91%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Tb	1.2	1.1	94%	90% - 110%												
Th	18.4	19.8	108%	90% - 110%												
Ti	0.527	0.515	98%	90% - 110%									0.222	0.215	97%	90% - 110%
U	5.7	5.8	101%	90% - 110%												
V	77	79	103%	90% - 110%												
W	5	5	97%	90% - 110%												
Y	40	39	97%	90% - 110%	25.3	25.9	102%	90% - 110%								
Yb					2.66	2.98	112%	90% - 110%								
Zn	130	123	95%	90% - 110%									75.4	80.6	107%	90% - 110%
Zr	390	359	92%	90% - 110%	157	154	98%	90% - 110%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O731173

PROJECT: 2021 Surimeau DDH Batch 24

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O731173

PROJECT: 2021 Surimeau DDH Batch 24

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O731173

PROJECT: 2021 Surimeau DDH Batch 24

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 25

AGAT WORK ORDER: 21O731177

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Jun 09, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731177

PROJECT: 2021 Surimeau DDH Batch 25

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 09, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
46701 (2322467)	3.02
46702 (2322468)	0.81
46703 (2322469)	2.92
46704 (2322470)	3.68
46705 (2322471)	0.06
46706 (2322472)	3.11
46707 (2322473)	2.55
46708 (2322474)	3.91
46709 (2322475)	2.38
46710 (2322476)	1.78
46711 (2322477)	2.23
46712 C-DUP (2322478)	-
46713 (2322479)	3.60
46714 (2322480)	2.25
46715 (2322481)	2.10
46716 (2322482)	3.10
46717 (2322483)	3.77
46718 (2322484)	4.13
46719 (2322485)	4.47
46720 (2322486)	4.35
46721 (2322487)	2.02
46722 (2322488)	0.86
46723 (2322489)	3.87
46724 (2322490)	4.39
46725 (2322491)	4.13
46726 (2322492)	3.99
46727 (2322493)	4.52
46728 (2322494)	3.85
46729 (2322495)	2.10
46730 (2322496)	1.48
46731 (2322497)	2.87

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731177

PROJECT: 2021 Surimeau DDH Batch 25

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 09, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
46732 (2322498)	2.41
46733 (2322499)	4.16
46734 (2322500)	4.39
46735 (2322501)	2.49
46736 (2322502)	4.04
46737 (2322503)	3.30
46738 (2322504)	2.53
46739 (2322505)	4.72
46740 (2322506)	2.69
46741 (2322507)	2.41
46742 (2322508)	2.10
46743 (2322509)	3.86
46744 (2322510)	4.59
46745 C-DUP (2322511)	-
46746 (2322512)	3.83
46747 (2322513)	4.04
46748 (2322514)	2.84
46749 (2322515)	2.51
46750 (2322516)	2.89

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731177

PROJECT: 2021 Surimeau DDH Batch 25

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 09, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
46701 (2322467)	16	2.93	<5	<20	<0.5	<5	0.5	5.98	<0.2	1.3	88.4	0.214	0.2	60
46702 (2322468)	1	0.36	<5	<20	21.5	<5	<0.1	34.7	<0.2	1.4	1.8	<0.005	<0.1	5
46703 (2322469)	<1	2.73	<5	<20	<0.5	<5	0.6	5.12	<0.2	1.2	87.4	0.221	0.3	45
46704 (2322470)	1	3.29	<5	23	1.3	<5	0.6	4.31	<0.2	1.4	89.0	0.227	0.4	63
46705 (2322471)	4	1.08	30	80	58.3	<5	0.7	2.40	1.0	11.2	1100	0.022	0.6	14800
46706 (2322472)	4	3.81	<5	21	55.0	<5	0.6	3.64	<0.2	1.9	85.2	0.264	4.2	112
46707 (2322473)	4	5.78	<5	22	747	<5	0.4	5.10	<0.2	32.1	52.0	0.096	16.7	103
46708 (2322474)	5	6.64	<5	21	867	<5	0.3	6.11	1.1	41.8	45.7	0.064	5.3	154
46709 (2322475)	2	9.13	<5	<20	859	<5	2.1	1.80	4.6	67.2	42.6	0.024	2.7	294
46710 (2322476)	4	10.0	<5	<20	720	<5	0.3	0.91	<0.2	59.2	26.9	0.026	7.0	63
46711 (2322477)	<1	9.66	<5	<20	546	<5	0.4	1.03	<0.2	59.5	26.2	0.028	6.9	73
46712 C-DUP (2322478)	1	9.77	<5	<20	550	<5	0.4	1.04	<0.2	61.1	25.3	0.028	6.8	72
46713 (2322479)	19	9.84	<5	<20	642	<5	0.2	2.60	<0.2	63.3	24.3	0.026	3.9	90
46714 (2322480)	5	10.3	<5	<20	715	<5	0.5	1.28	0.2	67.6	30.2	0.030	7.1	85
46715 (2322481)	3	10.3	<5	23	709	<5	0.4	1.26	0.2	65.4	29.7	0.030	7.2	86
46716 (2322482)	5	9.66	<5	50	539	<5	0.3	1.08	<0.2	64.8	26.3	0.031	7.4	51
46717 (2322483)	4	10.1	<5	41	610	<5	0.3	1.19	<0.2	69.6	27.8	0.033	6.4	75
46718 (2322484)	3	9.45	<5	54	567	<5	0.4	1.13	0.3	61.9	29.4	0.033	5.9	63
46719 (2322485)	<1	9.47	<5	38	571	<5	0.3	1.47	<0.2	63.0	25.8	0.033	7.3	58
46720 (2322486)	3	9.88	<5	48	640	<5	0.4	1.14	<0.2	67.7	26.4	0.037	8.3	56
46721 (2322487)	10	8.65	<5	<20	622	<5	1.3	1.10	2.5	62.5	37.9	0.032	4.6	153
46722 (2322488)	1	0.12	<5	<20	17.0	<5	<0.1	38.3	<0.2	1.0	2.3	<0.005	<0.1	7
46723 (2322489)	5	9.54	<5	31	724	<5	0.4	1.46	<0.2	76.6	25.0	0.032	8.3	59
46724 (2322490)	2	9.20	<5	34	653	<5	0.3	1.95	<0.2	66.2	23.1	0.036	8.3	64
46725 (2322491)	2	8.88	<5	24	546	<5	0.5	1.36	<0.2	64.2	24.0	0.036	9.9	54
46726 (2322492)	5	9.16	<5	32	721	<5	0.3	1.49	<0.2	65.0	23.3	0.035	8.9	53
46727 (2322493)	3	8.91	<5	29	608	<5	0.6	1.99	<0.2	63.1	22.6	0.033	8.1	56
46728 (2322494)	3	8.94	<5	<20	880	<5	0.2	1.79	<0.2	61.2	24.9	0.036	6.9	61
46729 (2322495)	<1	8.42	<5	<20	877	<5	0.2	1.54	<0.2	61.5	22.5	0.034	5.8	50
46730 (2322496)	1	6.57	<5	<20	1040	<5	0.2	6.16	0.5	102	41.3	0.064	3.5	21
46731 (2322497)	3	8.70	<5	<20	1250	<5	0.2	2.03	<0.2	68.4	26.3	0.042	7.0	71
46732 (2322498)	7	8.84	<5	22	913	<5	0.2	1.85	<0.2	63.6	24.3	0.031	7.1	46

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731177

PROJECT: 2021 Surimeau DDH Batch 25

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 09, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
46733 (2322499)	2	9.40	<5	41	1110	<5	0.3	1.07	<0.2	64.3	24.7	0.032	9.0	51
46734 (2322500)	9	8.37	<5	<20	790	<5	0.2	1.37	<0.2	62.5	21.9	0.032	6.7	53
46735 (2322501)	1	9.10	<5	<20	1280	<5	0.2	1.21	<0.2	63.2	24.3	0.030	7.5	55
46736 (2322502)	1	6.17	<5	23	886	<5	0.2	6.31	0.3	56.8	46.2	0.079	8.0	11
46737 (2322503)	4	4.18	<5	25	646	<5	0.3	7.48	0.4	62.5	51.4	0.102	9.2	10
46738 (2322504)	5	4.31	<5	32	922	<5	0.4	7.29	0.6	113	57.5	0.081	14.4	9
46739 (2322505)	2	9.13	<5	<20	1010	<5	0.3	1.64	<0.2	67.8	24.7	0.031	10.5	66
46740 (2322506)	2	7.75	<5	<20	952	<5	0.2	2.97	<0.2	73.3	28.6	0.034	9.3	76
46741 (2322507)	2	8.59	<5	<20	1030	<5	0.2	1.47	<0.2	64.6	24.4	0.031	11.9	52
46742 (2322508)	2	8.74	<5	<20	1020	<5	0.2	1.41	<0.2	59.8	23.1	0.030	10.8	51
46743 (2322509)	2	8.55	<5	20	853	<5	0.2	1.62	<0.2	67.2	22.7	0.030	5.4	47
46744 (2322510)	1	8.60	<5	<20	861	<5	0.2	1.59	<0.2	65.2	23.4	0.029	5.3	52
46745 C-DUP (2322511)	<1	8.77	<5	<20	868	<5	0.2	1.66	<0.2	66.9	22.4	0.028	5.1	53
46746 (2322512)	2	8.89	<5	39	678	<5	0.3	1.58	<0.2	69.0	23.6	0.028	6.3	48
46747 (2322513)	2	8.32	<5	<20	723	<5	0.3	1.05	<0.2	60.9	21.5	0.032	6.2	47
46748 (2322514)	4	9.06	<5	<20	1290	<5	0.2	1.42	<0.2	62.7	24.7	0.029	6.4	47
46749 (2322515)	3	9.39	<5	<20	1690	<5	0.1	1.63	<0.2	59.2	10.2	0.018	1.8	36
46750 (2322516)	1	8.73	<5	<20	1510	<5	0.2	1.61	<0.2	64.4	13.1	0.019	2.0	46

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731177

PROJECT: 2021 Surimeau DDH Batch 25

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 09, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
46701 (2322467)	1.00	0.66	0.13	6.92	6.52	0.79	2	<1	0.21	<0.2	<0.05	0.4	<10	0.09
46702 (2322468)	0.41	0.27	<0.05	0.12	0.92	0.32	<1	<1	0.09	<0.2	0.15	1.2	<10	<0.05
46703 (2322469)	1.12	0.70	0.12	6.96	5.82	0.85	2	<1	0.23	<0.2	<0.05	0.4	<10	0.09
46704 (2322470)	1.08	0.70	0.10	7.52	6.75	0.85	2	<1	0.24	<0.2	<0.05	0.5	<10	0.09
46705 (2322471)	0.92	0.53	0.22	36.8	2.92	1.09	1	<1	0.18	<0.2	0.06	5.8	<10	0.06
46706 (2322472)	1.30	0.91	0.10	7.90	8.72	1.05	3	<1	0.29	<0.2	0.39	0.8	13	0.12
46707 (2322473)	2.61	1.50	0.78	7.73	12.8	3.49	2	2	0.51	<0.2	2.21	14.5	56	0.21
46708 (2322474)	2.99	1.65	1.09	7.45	14.8	4.20	2	2	0.59	0.2	1.58	19.3	50	0.23
46709 (2322475)	3.12	1.81	1.22	5.53	22.4	4.52	1	3	0.61	0.8	1.84	33.0	47	0.26
46710 (2322476)	2.71	1.54	1.03	5.09	23.6	4.06	1	3	0.54	<0.2	2.76	28.3	64	0.22
46711 (2322477)	2.60	1.41	1.04	4.88	21.3	3.97	1	3	0.48	<0.2	2.43	28.9	54	0.19
46712 C-DUP (2322478)	2.65	1.50	1.02	4.94	21.3	3.83	1	3	0.49	<0.2	2.47	30.0	56	0.19
46713 (2322479)	2.71	1.44	1.29	4.72	21.4	4.46	1	3	0.51	<0.2	1.25	30.5	35	0.19
46714 (2322480)	2.93	1.59	1.19	5.48	22.7	4.53	1	3	0.56	<0.2	2.42	33.0	58	0.22
46715 (2322481)	3.11	1.75	1.13	5.50	23.7	4.48	1	3	0.60	<0.2	2.45	32.8	57	0.25
46716 (2322482)	2.74	1.52	1.04	4.96	22.7	4.13	1	3	0.51	<0.2	2.64	31.7	71	0.21
46717 (2322483)	3.04	1.71	1.12	5.22	23.3	4.50	1	3	0.59	<0.2	2.64	33.9	57	0.24
46718 (2322484)	2.87	1.60	1.02	5.04	22.0	4.09	1	3	0.56	<0.2	2.48	30.1	64	0.21
46719 (2322485)	2.77	1.57	1.01	4.84	22.1	4.07	2	3	0.54	<0.2	2.51	30.8	58	0.22
46720 (2322486)	2.87	1.60	1.03	5.13	22.8	4.45	1	3	0.55	<0.2	2.74	32.7	52	0.22
46721 (2322487)	2.41	1.42	0.96	4.72	19.7	3.62	1	3	0.48	<0.2	2.72	30.7	41	0.20
46722 (2322488)	0.24	0.18	<0.05	0.12	0.38	0.27	1	<1	0.05	<0.2	0.06	1.2	<10	<0.05
46723 (2322489)	3.19	1.81	1.12	4.79	22.6	4.69	2	4	0.61	<0.2	2.78	37.8	54	0.24
46724 (2322490)	2.61	1.48	1.02	4.55	20.4	4.01	1	3	0.50	<0.2	2.34	33.0	43	0.20
46725 (2322491)	2.50	1.41	0.99	4.31	20.5	4.04	1	4	0.48	<0.2	2.21	32.0	43	0.18
46726 (2322492)	2.75	1.55	0.96	4.43	20.5	4.10	1	3	0.55	<0.2	2.42	31.4	45	0.21
46727 (2322493)	2.63	1.54	0.96	4.37	20.2	3.81	2	3	0.52	<0.2	2.14	31.3	44	0.22
46728 (2322494)	2.52	1.36	0.88	4.55	20.6	4.00	1	3	0.46	<0.2	2.42	30.3	45	0.18
46729 (2322495)	2.38	1.38	0.83	4.11	19.6	3.72	1	3	0.46	<0.2	2.13	30.5	45	0.19
46730 (2322496)	4.34	2.11	2.01	7.09	17.6	7.84	3	3	0.78	<0.2	1.36	47.2	24	0.26
46731 (2322497)	2.79	1.45	1.00	4.93	19.3	4.43	1	3	0.52	<0.2	2.33	32.7	37	0.20
46732 (2322498)	2.62	1.45	0.93	4.70	21.2	4.03	2	4	0.51	<0.2	2.42	31.2	44	0.21

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731177

PROJECT: 2021 Surimeau DDH Batch 25

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 09, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
46733 (2322499)	2.74	1.51	0.91	4.73	21.4	4.23	1	3	0.54	<0.2	2.95	31.3	45	0.21
46734 (2322500)	2.32	1.28	0.87	4.11	18.8	3.61	1	4	0.44	<0.2	1.99	31.2	39	0.18
46735 (2322501)	2.60	1.45	0.81	4.63	21.2	3.90	1	4	0.50	<0.2	2.63	30.8	38	0.21
46736 (2322502)	3.51	1.77	1.42	6.96	17.2	5.78	2	3	0.65	<0.2	1.47	25.4	27	0.23
46737 (2322503)	5.86	3.00	2.01	9.54	18.2	8.26	3	3	1.12	<0.2	1.13	27.4	20	0.40
46738 (2322504)	8.70	4.59	3.12	11.1	21.0	12.6	3	5	1.69	<0.2	1.63	49.9	28	0.57
46739 (2322505)	2.80	1.54	1.02	4.81	21.3	4.15	1	4	0.55	<0.2	2.69	32.9	41	0.21
46740 (2322506)	2.96	1.53	1.20	5.06	18.4	4.99	2	3	0.54	<0.2	1.59	34.6	29	0.21
46741 (2322507)	2.63	1.47	0.88	4.65	20.3	4.06	1	3	0.50	<0.2	2.36	31.3	40	0.20
46742 (2322508)	2.44	1.35	0.80	4.46	20.9	3.70	1	3	0.46	<0.2	2.40	29.0	44	0.18
46743 (2322509)	2.60	1.31	1.04	4.22	19.8	3.98	1	3	0.47	<0.2	2.25	32.7	41	0.18
46744 (2322510)	2.56	1.37	1.01	4.32	20.4	4.10	1	3	0.48	<0.2	2.14	31.8	36	0.19
46745 C-DUP (2322511)	2.65	1.40	1.12	4.39	19.8	4.17	1	4	0.51	<0.2	2.15	32.3	36	0.19
46746 (2322512)	2.73	1.43	1.07	4.29	21.5	4.12	1	3	0.51	<0.2	2.36	34.1	49	0.20
46747 (2322513)	2.52	1.38	0.92	4.15	19.8	3.71	1	3	0.48	<0.2	2.53	29.6	47	0.19
46748 (2322514)	2.74	1.46	0.84	4.71	24.0	4.05	1	4	0.52	<0.2	2.27	30.0	50	0.21
46749 (2322515)	1.39	0.60	0.73	2.24	25.3	3.22	1	4	0.24	<0.2	0.80	28.4	<10	0.07
46750 (2322516)	1.81	0.81	0.89	2.73	23.8	3.71	1	4	0.31	<0.2	0.87	30.9	15	0.11

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731177

PROJECT: 2021 Surimeau DDH Batch 25

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 09, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
46701 (2322467)	14.9	1260	<2	<1	1.3	1370	<0.01	<5	0.21	0.5	0.71	<0.1	20	22.6
46702 (2322468)	1.37	96	<2	<1	1.0	<5	<0.01	<5	0.23	4.5	0.06	<0.1	<5	6.24
46703 (2322469)	16.0	1330	<2	<1	1.3	1460	<0.01	<5	0.20	1.1	0.48	<0.1	20	22.9
46704 (2322470)	16.2	1300	<2	<1	1.3	1340	<0.01	<5	0.21	1.1	0.75	<0.1	22	22.5
46705 (2322471)	1.84	592	<2	1	5.1	23200	<0.01	39	1.25	3.7	23.3	0.3	9	7.56
46706 (2322472)	16.0	1050	<2	<1	1.7	1080	<0.01	<5	0.29	20.9	1.23	<0.1	27	22.5
46707 (2322473)	9.23	1190	<2	3	17.8	546	0.10	10	3.98	105	0.74	<0.1	29	24.4
46708 (2322474)	6.13	1330	5	3	22.0	210	0.12	14	5.19	74.1	1.49	<0.1	31	25.1
46709 (2322475)	1.58	473	11	6	29.9	169	0.06	36	7.63	76.2	2.64	<0.1	21	27.0
46710 (2322476)	2.43	700	58	6	26.3	119	0.06	21	6.74	124	0.83	<0.1	22	28.0
46711 (2322477)	2.28	621	25	6	26.8	114	0.06	22	6.77	114	0.64	<0.1	20	29.8
46712 C-DUP (2322478)	2.35	631	25	6	27.1	115	0.07	21	6.94	111	0.65	<0.1	20	30.3
46713 (2322479)	2.46	723	11	5	29.9	82	0.09	25	7.37	56.7	0.65	0.1	18	30.4
46714 (2322480)	2.42	634	19	6	30.9	127	0.06	27	7.77	112	0.68	<0.1	22	29.8
46715 (2322481)	2.55	646	21	6	30.2	121	0.07	27	7.81	111	0.62	<0.1	23	29.8
46716 (2322482)	2.21	556	9	6	28.5	106	0.06	14	7.33	120	0.24	<0.1	19	31.8
46717 (2322483)	2.38	568	10	7	31.1	135	0.07	16	7.99	114	0.33	<0.1	21	30.7
46718 (2322484)	2.29	541	11	7	27.9	120	0.06	14	7.09	105	0.35	<0.1	20	30.6
46719 (2322485)	2.22	650	11	6	28.3	103	0.07	18	7.22	111	0.29	<0.1	19	31.2
46720 (2322486)	2.24	610	14	6	29.4	118	0.06	18	7.51	119	0.27	<0.1	21	31.0
46721 (2322487)	1.59	454	14	6	26.4	143	0.07	20	6.95	104	1.65	<0.1	17	31.7
46722 (2322488)	1.51	105	<2	<1	0.9	<5	<0.01	<5	0.20	2.7	0.07	<0.1	<5	4.13
46723 (2322489)	2.08	705	12	7	32.9	98	0.07	18	8.62	127	0.37	<0.1	19	31.2
46724 (2322490)	1.94	614	13	6	28.5	92	0.07	16	7.43	104	0.31	<0.1	16	32.3
46725 (2322491)	1.86	551	14	6	27.8	91	0.06	15	7.32	93.6	0.24	<0.1	15	33.2
46726 (2322492)	1.92	577	13	6	28.0	99	0.06	16	7.35	105	0.22	<0.1	17	32.9
46727 (2322493)	1.90	663	11	6	26.6	92	0.07	14	6.99	95.0	0.23	<0.1	16	33.5
46728 (2322494)	2.08	611	12	6	27.3	97	0.07	15	7.01	97.0	0.25	<0.1	17	32.3
46729 (2322495)	1.85	551	15	5	26.2	85	0.06	17	6.84	89.3	0.20	<0.1	15	32.2
46730 (2322496)	6.48	1480	3	5	53.1	154	0.28	8	12.6	58.2	0.03	<0.1	32	25.9
46731 (2322497)	2.68	656	13	6	31.1	101	0.10	14	7.81	105	0.26	<0.1	18	31.6
46732 (2322498)	2.25	689	9	6	28.5	83	0.07	16	7.18	90.4	0.17	<0.1	17	32.4

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731177

PROJECT: 2021 Surimeau DDH Batch 25

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 09, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
46733 (2322499)	1.96	585	11	6	28.9	104	0.06	11	7.33	116	0.21	<0.1	18	32.4
46734 (2322500)	1.75	584	11	5	26.3	95	0.06	10	6.94	80.8	0.27	<0.1	14	34.2
46735 (2322501)	1.96	590	9	6	27.7	98	0.06	14	7.14	110	0.25	<0.1	17	32.3
46736 (2322502)	7.17	1230	3	4	32.3	154	0.16	10	7.34	67.4	<0.01	<0.1	33	26.8
46737 (2322503)	8.56	2020	<2	8	37.9	199	0.18	<5	8.23	52.6	<0.01	<0.1	46	25.1
46738 (2322504)	8.76	2210	<2	12	64.1	189	0.22	<5	14.5	78.6	<0.01	<0.1	61	24.5
46739 (2322505)	2.17	592	10	5	29.6	100	0.07	21	7.72	117	0.38	<0.1	18	30.4
46740 (2322506)	3.03	820	5	5	35.0	95	0.13	14	8.57	74.5	0.31	<0.1	19	29.7
46741 (2322507)	2.11	637	9	5	28.6	91	0.08	15	7.40	103	0.32	<0.1	17	31.2
46742 (2322508)	1.94	601	9	6	26.5	90	0.07	15	6.77	98.5	0.30	<0.1	16	31.6
46743 (2322509)	1.94	606	10	5	29.9	83	0.07	14	7.64	89.1	0.24	<0.1	16	31.7
46744 (2322510)	1.89	645	11	6	29.2	87	0.07	13	7.44	85.0	0.31	<0.1	15	31.8
46745 C-DUP (2322511)	1.88	654	9	6	30.3	81	0.08	13	7.65	82.7	0.33	<0.1	15	32.7
46746 (2322512)	1.80	623	10	6	30.5	85	0.06	18	7.91	94.8	0.20	<0.1	16	31.9
46747 (2322513)	1.82	570	12	6	26.7	78	0.05	20	6.89	98.9	0.17	<0.1	15	32.5
46748 (2322514)	1.96	679	8	6	28.9	97	0.05	14	7.23	87.3	0.24	<0.1	17	30.5
46749 (2322515)	0.88	293	9	4	27.9	33	0.06	14	6.96	25.2	0.27	<0.1	6	33.1
46750 (2322516)	1.08	403	9	5	30.5	37	0.08	13	7.55	27.5	0.36	<0.1	8	32.7

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731177

PROJECT: 2021 Surimeau DDH Batch 25

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 09, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
46701 (2322467)	0.5	<1	87.5	<0.5	0.14	<0.1	0.16	<0.5	0.09	<0.05	104	<1	6.2	0.7
46702 (2322468)	0.2	<1	73.3	<0.5	0.05	0.3	<0.01	<0.5	<0.05	0.23	<5	<1	3.3	0.3
46703 (2322469)	0.5	<1	90.4	<0.5	0.16	<0.1	0.17	<0.5	0.09	<0.05	104	<1	5.8	0.7
46704 (2322470)	0.5	<1	73.1	<0.5	0.16	<0.1	0.18	<0.5	0.10	<0.05	119	<1	5.8	0.7
46705 (2322471)	1.0	1	30.4	<0.5	0.16	0.8	0.11	<0.5	0.06	0.16	75	4	4.3	0.5
46706 (2322472)	0.7	<1	32.0	<0.5	0.19	<0.1	0.22	<0.5	0.13	0.05	146	<1	7.2	0.9
46707 (2322473)	3.7	1	426	<0.5	0.48	2.8	0.40	1.1	0.21	0.77	188	<1	12.6	1.4
46708 (2322474)	4.7	3	606	<0.5	0.56	4.3	0.44	0.9	0.23	1.45	201	<1	14.8	1.6
46709 (2322475)	5.2	4	194	0.5	0.62	7.8	0.38	0.8	0.27	2.11	134	<1	16.2	1.8
46710 (2322476)	4.7	2	144	<0.5	0.55	7.0	0.41	1.5	0.21	1.99	155	<1	13.1	1.5
46711 (2322477)	4.5	2	188	0.5	0.52	7.0	0.40	1.1	0.20	1.97	135	<1	12.4	1.4
46712 C-DUP (2322478)	4.7	1	188	<0.5	0.52	7.1	0.40	1.1	0.21	2.19	135	<1	12.9	1.4
46713 (2322479)	5.2	2	765	<0.5	0.57	5.8	0.38	0.5	0.20	1.88	124	<1	13.3	1.4
46714 (2322480)	5.2	1	284	0.5	0.59	7.3	0.44	0.9	0.22	2.13	157	<1	14.1	1.5
46715 (2322481)	5.3	1	273	0.5	0.59	7.0	0.44	0.9	0.24	2.13	158	<1	15.4	1.7
46716 (2322482)	4.9	<1	209	0.5	0.54	7.3	0.40	0.7	0.21	2.00	130	<1	13.2	1.4
46717 (2322483)	5.3	<1	265	0.5	0.61	7.7	0.42	0.8	0.23	2.22	138	<1	15.1	1.7
46718 (2322484)	4.8	2	221	3.9	0.57	7.2	0.40	0.7	0.23	2.10	133	<1	14.3	1.5
46719 (2322485)	4.8	2	284	<0.5	0.56	7.2	0.39	0.7	0.22	2.10	130	<1	13.7	1.6
46720 (2322486)	5.2	2	251	0.5	0.58	7.5	0.41	0.8	0.22	2.10	141	<1	14.0	1.5
46721 (2322487)	4.5	2	242	<0.5	0.51	7.0	0.34	0.7	0.20	1.92	104	1	12.2	1.4
46722 (2322488)	0.1	<1	82.7	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.11	<5	<1	2.4	0.2
46723 (2322489)	5.8	2	364	0.6	0.63	9.0	0.39	0.8	0.24	2.43	128	<1	15.4	1.7
46724 (2322490)	4.9	1	347	0.5	0.53	7.2	0.37	0.6	0.20	2.19	110	<1	12.9	1.4
46725 (2322491)	4.7	1	334	0.6	0.49	7.5	0.36	0.5	0.20	2.17	106	<1	12.5	1.4
46726 (2322492)	4.8	2	315	3.0	0.53	7.6	0.36	0.6	0.22	2.20	114	<1	13.4	1.5
46727 (2322493)	4.5	1	324	0.8	0.52	7.1	0.36	0.5	0.21	2.15	110	<1	13.5	1.5
46728 (2322494)	4.7	1	392	0.5	0.50	7.2	0.38	0.6	0.18	2.23	112	<1	12.3	1.3
46729 (2322495)	4.3	1	356	<0.5	0.47	7.0	0.35	0.5	0.18	2.03	103	<1	11.7	1.3
46730 (2322496)	9.9	2	462	<0.5	0.94	6.4	0.47	<0.5	0.29	1.83	201	<1	19.2	1.9
46731 (2322497)	5.3	1	592	2.7	0.56	7.1	0.39	0.7	0.20	2.01	126	<1	12.7	1.4
46732 (2322498)	5.0	1	415	2.1	0.53	7.3	0.38	0.5	0.21	2.10	119	<1	12.9	1.5

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731177

PROJECT: 2021 Surimeau DDH Batch 25

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 09, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
46733 (2322499)	5.0	2	270	0.5	0.56	7.7	0.38	0.7	0.21	2.25	119	<1	13.2	1.5
46734 (2322500)	4.4	1	354	2.3	0.47	7.7	0.34	<0.5	0.18	2.35	96	<1	10.8	1.3
46735 (2322501)	4.8	1	329	<0.5	0.51	7.6	0.37	0.6	0.20	2.27	113	<1	12.8	1.5
46736 (2322502)	6.8	2	528	1.8	0.72	4.3	0.52	<0.5	0.23	1.31	208	<1	15.6	1.6
46737 (2322503)	8.8	4	154	0.8	1.08	3.9	0.52	<0.5	0.43	1.69	267	<1	27.7	2.9
46738 (2322504)	13.9	4	77.1	1.2	1.67	8.8	0.86	0.6	0.65	3.13	338	<1	42.1	4.2
46739 (2322505)	5.1	2	380	0.5	0.55	7.7	0.38	0.7	0.22	2.21	118	<1	13.6	1.5
46740 (2322506)	6.1	1	541	<0.5	0.63	7.0	0.38	0.5	0.21	1.94	127	<1	13.8	1.4
46741 (2322507)	4.9	1	345	0.9	0.54	7.1	0.36	0.6	0.20	2.10	116	<1	12.8	1.4
46742 (2322508)	4.4	1	360	1.1	0.47	7.2	0.36	0.6	0.19	2.13	112	<1	12.0	1.3
46743 (2322509)	5.1	1	409	<0.5	0.52	7.7	0.35	0.5	0.19	2.16	106	<1	11.6	1.3
46744 (2322510)	5.1	1	429	2.4	0.53	7.1	0.36	0.5	0.19	2.03	103	<1	12.6	1.3
46745 C-DUP (2322511)	5.2	1	437	1.6	0.54	7.0	0.37	<0.5	0.20	2.21	104	<1	12.2	1.4
46746 (2322512)	5.2	1	335	0.5	0.55	7.9	0.36	0.5	0.20	2.41	110	<1	12.9	1.4
46747 (2322513)	4.6	1	284	0.5	0.51	7.2	0.34	0.6	0.20	2.30	100	<1	12.1	1.4
46748 (2322514)	4.8	2	575	<0.5	0.55	7.5	0.39	0.6	0.21	2.11	112	<1	12.8	1.5
46749 (2322515)	4.5	3	1290	<0.5	0.36	4.7	0.23	<0.5	0.08	1.43	37	<1	6.0	0.6
46750 (2322516)	5.2	3	1140	<0.5	0.44	5.6	0.28	<0.5	0.11	2.15	45	<1	8.2	0.8

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731177

PROJECT: 2021 Surimeau DDH Batch 25

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 09, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
46701 (2322467)	55	13.0
46702 (2322468)	5	4.2
46703 (2322469)	60	10.7
46704 (2322470)	67	13.2
46705 (2322471)	79	26.9
46706 (2322472)	98	16.9
46707 (2322473)	183	57.6
46708 (2322474)	707	79.3
46709 (2322475)	2710	121
46710 (2322476)	158	119
46711 (2322477)	209	111
46712 C-DUP (2322478)	207	112
46713 (2322479)	163	120
46714 (2322480)	188	122
46715 (2322481)	185	124
46716 (2322482)	109	121
46717 (2322483)	125	126
46718 (2322484)	155	127
46719 (2322485)	101	118
46720 (2322486)	108	129
46721 (2322487)	1410	126
46722 (2322488)	<5	2.1
46723 (2322489)	107	134
46724 (2322490)	88	134
46725 (2322491)	92	152
46726 (2322492)	96	125
46727 (2322493)	82	128
46728 (2322494)	90	128
46729 (2322495)	82	123
46730 (2322496)	103	120
46731 (2322497)	96	124
46732 (2322498)	92	139

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731177

PROJECT: 2021 Surimeau DDH Batch 25

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 09, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
46733 (2322499)	94	126
46734 (2322500)	73	132
46735 (2322501)	87	135
46736 (2322502)	145	92.1
46737 (2322503)	200	100
46738 (2322504)	229	170
46739 (2322505)	123	128
46740 (2322506)	85	126
46741 (2322507)	89	124
46742 (2322508)	79	120
46743 (2322509)	79	127
46744 (2322510)	96	135
46745 C-DUP (2322511)	94	126
46746 (2322512)	87	123
46747 (2322513)	97	121
46748 (2322514)	143	128
46749 (2322515)	81	125
46750 (2322516)	103	132

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731177

PROJECT: 2021 Surimeau DDH Batch 25

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 09, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
46701 (2322467)	94.97
46720 (2322486)	78.16
46740 (2322506)	80.97

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731177

PROJECT: 2021 Surimeau DDH Batch 25

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 09, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
46701 (2322467)	85.10
46719 (2322485)	85.51
46738 (2322504)	86.08

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2322467	16	14	13.3%	2322481	3	4	28.6%	2322492	5	5	0.0%	2322507	2	2	0.0%
Al	2322467	2.93	2.91	0.7%	2322481	10.3	10.2	1.0%	2322492	9.16	9.27	1.2%	2322507	8.59	8.54	0.6%
As	2322467	< 5	< 5	0.0%	2322481	< 5	< 5	0.0%	2322492	< 5	< 5	0.0%	2322507	< 5	< 5	0.0%
B	2322467	< 20	< 20	0.0%	2322481	23	< 20		2322492	32	32	0.0%	2322507	< 20	< 20	0.0%
Ba	2322467	< 0.5	< 0.5	0.0%	2322481	709	709	0.0%	2322492	721	720	0.1%	2322507	1030	1030	0.0%
Be	2322467	< 5	< 5	0.0%	2322481	< 5	< 5	0.0%	2322492	< 5	< 5	0.0%	2322507	< 5	< 5	0.0%
Bi	2322467	0.5	0.6	18.2%	2322481	0.4	0.4	0.0%	2322492	0.31	0.36	14.9%	2322507	0.2	0.2	0.0%
Ca	2322467	5.98	5.94	0.7%	2322481	1.26	1.29	2.4%	2322492	1.49	1.52	2.0%	2322507	1.47	1.47	0.0%
Cd	2322467	< 0.2	< 0.2	0.0%	2322481	0.2	0.2	0.0%	2322492	< 0.2	< 0.2	0.0%	2322507	< 0.2	< 0.2	0.0%
Ce	2322467	1.3	1.3	0.0%	2322481	65.4	67.6	3.3%	2322492	65.0	62.9	3.3%	2322507	64.6	61.3	5.2%
Co	2322467	88.4	88.6	0.2%	2322481	29.7	29.9	0.7%	2322492	23.3	23.2	0.4%	2322507	24.4	23.1	5.5%
Cr	2322467	0.214	0.214	0.0%	2322481	0.030	0.030	0.0%	2322492	0.0346	0.0334	3.5%	2322507	0.031	0.031	0.0%
Cs	2322467	0.2	0.2	0.0%	2322481	7.2	7.4	2.7%	2322492	8.92	9.01	1.0%	2322507	11.9	11.5	3.4%
Cu	2322467	60	60	0.0%	2322481	86	88	2.3%	2322492	53	53	0.0%	2322507	52	52	0.0%
Dy	2322467	1.00	1.01	1.0%	2322481	3.11	3.14	1.0%	2322492	2.75	2.68	2.6%	2322507	2.63	2.67	1.5%
Er	2322467	0.66	0.66	0.0%	2322481	1.75	1.81	3.4%	2322492	1.55	1.47	5.3%	2322507	1.47	1.43	2.8%
Eu	2322467	0.134	0.158	16.4%	2322481	1.13	1.10	2.7%	2322492	0.958	0.930	3.0%	2322507	0.877	0.864	1.5%
Fe	2322467	6.92	6.83	1.3%	2322481	5.50	5.44	1.1%	2322492	4.43	4.50	1.6%	2322507	4.65	4.59	1.3%
Ga	2322467	6.52	6.20	5.0%	2322481	23.7	23.8	0.4%	2322492	20.5	21.1	2.9%	2322507	20.3	18.8	7.7%
Gd	2322467	0.79	0.79	0.0%	2322481	4.48	4.48	0.0%	2322492	4.10	3.95	3.7%	2322507	4.06	3.89	4.3%
Ge	2322467	2	2	0.0%	2322481	1	1	0.0%	2322492	1	1	0.0%	2322507	1	1	0.0%
Hf	2322467	< 1	< 1	0.0%	2322481	3	3	0.0%	2322492	3	3	0.0%	2322507	3	3	0.0%
Ho	2322467	0.214	0.219	2.3%	2322481	0.602	0.625	3.7%	2322492	0.547	0.534	2.4%	2322507	0.50	0.49	2.0%
In	2322467	< 0.2	< 0.2	0.0%	2322481	< 0.2	< 0.2	0.0%	2322492	< 0.2	< 0.2	0.0%	2322507	< 0.2	< 0.2	0.0%
K	2322467	< 0.05	< 0.05	0.0%	2322481	2.45	2.49	1.6%	2322492	2.42	2.49	2.9%	2322507	2.36	2.36	0.0%
La	2322467	0.4	0.4	0.0%	2322481	32.8	32.8	0.0%	2322492	31.4	30.7	2.3%	2322507	31.3	29.7	5.2%
Li	2322467	< 10	< 10	0.0%	2322481	57	59	3.4%	2322492	45	44	2.2%	2322507	40	41	2.5%
Lu	2322467	0.09	0.09	0.0%	2322481	0.246	0.244	0.8%	2322492	0.210	0.216	2.8%	2322507	0.20	0.20	0.0%
Mg	2322467	14.9	15.1	1.3%	2322481	2.55	2.50	2.0%	2322492	1.92	1.95	1.6%	2322507	2.11	2.07	1.9%
Mn	2322467	1260	1240	1.6%	2322481	646	641	0.8%	2322492	577	576	0.2%	2322507	637	635	0.3%
Mo	2322467	< 2	< 2	0.0%	2322481	21	22	4.7%	2322492	13	12	8.0%	2322507	9	9	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2322467	< 1	< 1	0.0%	2322481	6	6	0.0%	2322492	6	6	0.0%	2322507	5	5	0.0%
Nd	2322467	1.3	1.3	0.0%	2322481	30.2	30.5	1.0%	2322492	28.0	27.1	3.3%	2322507	28.6	27.8	2.8%
Ni	2322467	1370	1390	1.4%	2322481	121	122	0.8%	2322492	99	97	2.0%	2322507	91	92	1.1%
P	2322467	< 0.01	< 0.01	0.0%	2322481	0.07	0.07	0.0%	2322492	0.06	0.06	0.0%	2322507	0.08	0.08	0.0%
Pb	2322467	< 5	< 5	0.0%	2322481	27	27	0.0%	2322492	16	17	6.1%	2322507	15	14	6.9%
Pr	2322467	0.21	0.22	4.7%	2322481	7.81	7.81	0.0%	2322492	7.35	7.02	4.6%	2322507	7.40	7.11	4.0%
Rb	2322467	0.5	0.7		2322481	111	112	0.9%	2322492	105	103	1.9%	2322507	103	104	1.0%
S	2322467	0.71	0.71	0.0%	2322481	0.624	0.649	3.9%	2322492	0.22	0.22	0.0%	2322507	0.32	0.32	0.0%
Sb	2322467	< 0.1	< 0.1	0.0%	2322481	< 0.1	< 0.1	0.0%	2322492	< 0.1	< 0.1	0.0%	2322507	< 0.1	< 0.1	0.0%
Sc	2322467	20	20	0.0%	2322481	23	23	0.0%	2322492	17	17	0.0%	2322507	17	17	0.0%
Si	2322467	22.6	22.2	1.8%	2322481	29.8	29.6	0.7%	2322492	32.9	33.3	1.2%	2322507	31.2	31.2	0.0%
Sm	2322467	0.5	0.5	0.0%	2322481	5.3	5.3	0.0%	2322492	4.8	4.6	4.3%	2322507	4.9	4.8	2.1%
Sn	2322467	< 1	< 1	0.0%	2322481	1	2		2322492	2	1		2322507	1	1	0.0%
Sr	2322467	87.5	87.2	0.3%	2322481	273	275	0.7%	2322492	315	321	1.9%	2322507	345	342	0.9%
Ta	2322467	< 0.5	< 0.5	0.0%	2322481	0.5	0.5	0.0%	2322492	3.0	3	0.0%	2322507	0.9	0.9	0.0%
Tb	2322467	0.14	0.14	0.0%	2322481	0.593	0.610	2.8%	2322492	0.534	0.537	0.6%	2322507	0.537	0.513	4.6%
Th	2322467	< 0.1	< 0.1	0.0%	2322481	7.04	7.43	5.4%	2322492	7.57	7.43	1.9%	2322507	7.05	6.91	2.0%
Ti	2322467	0.16	0.16	0.0%	2322481	0.44	0.44	0.0%	2322492	0.363	0.369	1.6%	2322507	0.36	0.36	0.0%
Tl	2322467	< 0.5	< 0.5	0.0%	2322481	0.9	0.9	0.0%	2322492	0.6	0.6	0.0%	2322507	0.6	0.6	0.0%
Tm	2322467	0.09	0.09	0.0%	2322481	0.24	0.25	4.1%	2322492	0.22	0.22	0.0%	2322507	0.200	0.194	3.0%
U	2322467	< 0.05	< 0.05	0.0%	2322481	2.13	2.20	3.2%	2322492	2.20	2.04	7.5%	2322507	2.10	2.04	2.9%
V	2322467	104	107	2.8%	2322481	158	159	0.6%	2322492	114	116	1.7%	2322507	116	115	0.9%
W	2322467	< 1	< 1	0.0%	2322481	< 1	< 1	0.0%	2322492	< 1	< 1	0.0%	2322507	< 1	< 1	0.0%
Y	2322467	6.2	5.8	6.7%	2322481	15.4	16.1	4.4%	2322492	13.4	13.6	1.5%	2322507	12.8	12.0	6.5%
Yb	2322467	0.7	0.7	0.0%	2322481	1.7	1.7	0.0%	2322492	1.5	1.5	0.0%	2322507	1.41	1.33	5.8%
Zn	2322467	55	53	3.7%	2322481	185	205	10.3%	2322492	96	92	4.3%	2322507	89	83	7.0%
Zr	2322467	13.0	11.1	15.8%	2322481	124	126	1.6%	2322492	125	131	4.7%	2322507	124	115	7.5%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O731177

PROJECT: 2021 Surimeau DDH Batch 25

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.51	101%	90% - 110%					6.94	7.2	104%	90% - 110%	13.0	13.4	103%	90% - 110%
As	26	27	103%	90% - 110%												
Ba	540	541	100%	90% - 110%									1310	1364	104%	90% - 110%
Be	4.0	3.7	93%	90% - 110%												
Ca	0.907	0.889	98%	90% - 110%					4.01	4.11	102%	90% - 110%	1.42	1.4	99%	90% - 110%
Ce	98	99	101%	90% - 110%	58.2	63.7	109%	90% - 110%								
Co	15	14	93%	90% - 110%												
Cu	150	158	105%	90% - 110%												
Er	3.7	3.9	106%	90% - 110%												
Eu	1.0	1.03	103%	90% - 110%												
Fe	3.77	3.98	106%	90% - 110%					7.56	8.11	107%	90% - 110%	3.27	3.49	107%	90% - 110%
Ga					22.6	21.8	96%	90% - 110%								
Hf	11	10	90%	90% - 110%												
K	2.55	2.52	99%	90% - 110%					2.02	2.08	103%	90% - 110%	3.68	3.83	104%	90% - 110%
La	44	44	101%	90% - 110%	27.5	30.1	110%	90% - 110%								
Li	47	51	108%	90% - 110%									65.0	70.9	109%	90% - 110%
Lu	0.6	0.6	97%	90% - 110%												
Mg	1.1	1.1	102%	90% - 110%					2.41	2.61	108%	90% - 110%				
Mn	780	806	103%	90% - 110%												
Mo	14	13	92%	90% - 110%												
Nb	20	19	95%	90% - 110%	22.6	20.4	90%	90% - 110%								
Nd					27.3	28.3	104%	90% - 110%								
Ni	32	33	103%	90% - 110%												
P													0.061	0.057	93%	90% - 110%
Pb	31	31	99%	90% - 110%												
Rb	144	148	103%	90% - 110%	85.4	90.9	106%	90% - 110%								
Sb	0.8	0.8	100%	90% - 110%												
Sc	12	12	104%	90% - 110%												
Si	28.4	30.8	108%	90% - 110%					23.65	25.99	110%	90% - 110%	24.4	26.8	110%	90% - 110%
Sm	7.4	7.4	101%	90% - 110%												
Sr	144	154	107%	90% - 110%									310	332	107%	90% - 110%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Ta	1.9	1.7	89%	90% - 110%												
Tb	1.2	1.1	93%	90% - 110%												
Th	18.4	17	92%	90% - 110%												
Ti	0.527	0.529	100%	90% - 110%									0.222	0.225	101%	90% - 110%
U	5.7	4.7	82%	90% - 110%												
V	77	74	97%	90% - 110%												
W	5	5	94%	90% - 110%												
Y	40	39	97%	90% - 110%	25.3	22.7	90%	90% - 110%								
Yb					2.66	2.78	105%	90% - 110%								
Zn	130	120	93%	90% - 110%									75.4	79.8	106%	90% - 110%
Zr	390	350	90%	90% - 110%	157	142	90%	90% - 110%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O731177

PROJECT: 2021 Surimeau DDH Batch 25

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O731177

PROJECT: 2021 Surimeau DDH Batch 25

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O731177

PROJECT: 2021 Surimeau DDH Batch 25

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 26

AGAT WORK ORDER: 21O731182

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Jun 25, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731182

PROJECT: 2021 Surimeau DDH Batch 26

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 25, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
46751 (2322518)	2.68
46752 (2322519)	0.77
46753 (2322520)	2.26
46754 (2322521)	4.54
46755 (2322522)	4.70
46756 (2322523)	4.36
46757 (2322524)	4.15
46758 (2322525)	4.08
46759 (2322526)	1.96
46760 (2322527)	2.65
46761 (2322528)	4.34
46762 C-DUP (2322529)	-
46763 (2322530)	3.86
46764 (2322531)	2.16
46765 (2322532)	1.86
46766 (2322533)	4.29
46767 (2322534)	4.09
46768 (2322535)	4.70
46769 (2322536)	4.07
46770 (2322537)	4.45
46771 (2322538)	4.12
46772 (2322539)	0.94
46773 (2322540)	4.55
46774 (2322541)	4.43
46775 (2322542)	4.55
46776 (2322543)	3.18
46777 (2322544)	2.71
46778 (2322545)	3.18
46779 (2322546)	2.01
46780 (2322547)	2.95
46781 (2322548)	4.08

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731182

PROJECT: 2021 Surimeau DDH Batch 26

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 25, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
46782 (2322549)	4.24
46783 (2322550)	4.22
46784 (2322551)	2.99
46785 (2322552)	1.54
46786 (2322553)	3.76
46787 (2322554)	2.77
46788 (2322555)	4.10
46789 (2322556)	2.87
46790 (2322557)	2.89
46791 (2322558)	1.59
46792 (2322559)	1.40
46793 (2322560)	3.57
46794 (2322561)	5.36
46795 C-DUP (2322562)	-
46796 (2322563)	4.39
46797 (2322564)	4.42
46798 (2322565)	4.22
46799 (2322566)	4.94
46800 (2322567)	3.88

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731182

PROJECT: 2021 Surimeau DDH Batch 26

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 25, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
46751 (2322518)	<1	8.69	<5	<20	1040	<5	0.2	1.62	<0.2	60.2	27.4	0.029	5.4	48
46752 (2322519)	1	0.11	<5	<20	30.8	<5	<0.1	37.2	<0.2	1.1	0.8	<0.005	<0.1	<5
46753 (2322520)	<1	8.25	<5	<20	636	<5	0.3	1.25	<0.2	58.4	22.9	0.030	6.6	41
46754 (2322521)	<1	8.24	<5	<20	706	<5	0.2	1.18	<0.2	54.1	21.8	0.027	6.1	41
46755 (2322522)	<1	9.00	<5	<20	879	<5	0.2	1.21	<0.2	62.3	25.1	0.030	6.8	47
46756 (2322523)	<1	8.56	<5	<20	813	<5	0.2	0.94	<0.2	49.5	23.5	0.027	6.3	43
46757 (2322524)	<1	8.40	<5	<20	1140	<5	0.2	1.89	<0.2	90.2	16.0	0.019	3.0	27
46758 (2322525)	<1	8.66	<5	<20	954	<5	0.2	0.99	<0.2	54.4	23.0	0.026	8.1	38
46759 (2322526)	<1	9.07	<5	<20	1940	<5	0.1	1.93	<0.2	64.3	7.2	0.013	1.9	12
46760 (2322527)	<1	9.45	<5	<20	1860	<5	0.1	1.96	<0.2	55.1	4.8	0.013	0.9	19
46761 (2322528)	<1	8.21	<5	<20	1690	5	1.7	1.74	<0.2	47.4	7.1	0.015	3.2	19
46762 C-DUP (2322529)	<1	8.10	<5	<20	1630	<5	1.2	1.70	<0.2	44.9	6.8	0.014	2.5	16
46763 (2322530)	<1	8.52	<5	<20	1910	<5	0.2	1.50	<0.2	46.5	4.1	0.016	0.6	17
46764 (2322531)	<1	8.49	<5	<20	1860	<5	<0.1	1.54	<0.2	45.1	3.7	0.013	1.0	7
46765 (2322532)	<1	8.26	<5	<20	1760	<5	<0.1	1.50	<0.2	43.5	3.8	0.013	0.9	8
46766 (2322533)	<1	5.83	<5	<20	1240	<5	<0.1	1.00	<0.2	30.0	3.8	0.015	0.9	14
46767 (2322534)	2	8.08	<5	<20	1850	<5	<0.1	2.36	<0.2	69.1	9.4	0.013	2.1	27
46768 (2322535)	<1	9.04	<5	<20	1750	<5	0.2	1.63	<0.2	44.3	3.9	0.014	0.6	8
46769 (2322536)	1	8.99	<5	<20	1800	<5	<0.1	1.67	<0.2	44.2	4.1	0.014	0.6	6
46770 (2322537)	<1	8.39	<5	<20	1840	<5	0.1	1.86	<0.2	46.4	6.3	0.012	1.4	20
46771 (2322538)	<1	0.05	<5	<20	20.8	<5	<0.1	37.8	<0.2	1.1	<0.5	<0.005	0.2	<5
46772 (2322539)	<1	8.51	<5	<20	1810	<5	<0.1	1.58	<0.2	51.2	4.6	0.013	0.7	11
46773 (2322540)	<1	8.43	<5	<20	1910	<5	<0.1	1.50	<0.2	44.9	4.3	0.013	0.7	7
46774 (2322541)	1	7.88	<5	<20	1710	<5	0.2	1.45	<0.2	48.8	4.9	0.015	1.2	<5
46775 (2322542)	<1	8.33	<5	<20	2000	<5	0.3	1.68	<0.2	47.8	5.4	0.016	1.2	10
46776 (2322543)	<1	8.20	<5	<20	1750	9	0.1	1.63	<0.2	47.1	5.4	0.013	1.4	29
46777 (2322544)	<1	8.17	<5	<20	1400	22	0.2	2.14	<0.2	39.6	7.8	0.020	4.0	25
46778 (2322545)	<1	6.57	<5	<20	1440	6	<0.1	1.17	<0.2	32.4	3.4	0.018	1.9	6
46779 (2322546)	<1	7.69	<5	<20	1440	7	0.1	1.05	<0.2	35.0	6.1	0.017	0.7	19
46780 (2322547)	<1	8.29	<5	<20	1920	<5	<0.1	1.47	<0.2	44.3	4.6	0.016	1.4	18
46781 (2322548)	<1	8.61	<5	<20	1810	<5	<0.1	1.39	<0.2	47.4	5.2	0.016	0.7	11
46782 (2322549)	<1	8.62	<5	<20	1870	<5	<0.1	1.47	<0.2	45.8	3.8	0.014	0.7	10

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731182

PROJECT: 2021 Surimeau DDH Batch 26

CLIENT NAME: MISC AGAT CLIENT QC

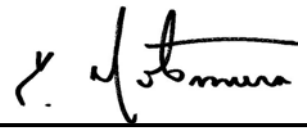
ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 25, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
46783 (2322550)	<1	8.32	<5	<20	1710	<5	<0.1	1.43	<0.2	44.4	4.1	0.014	0.5	8
46784 (2322551)	<1	8.33	<5	<20	1650	<5	<0.1	1.40	<0.2	44.0	3.9	0.015	0.8	11
46785 (2322552)	<1	7.93	<5	<20	2040	<5	0.1	2.03	<0.2	46.1	13.1	0.027	1.0	46
46786 (2322553)	<1	8.28	<5	<20	1600	<5	<0.1	1.30	<0.2	39.8	3.7	0.014	0.5	11
46787 (2322554)	<1	7.70	<5	<20	1370	<5	<0.1	1.32	<0.2	38.7	4.4	0.015	0.3	17
46788 (2322555)	<1	7.76	<5	<20	462	<5	0.2	1.88	<0.2	55.0	19.9	0.027	4.5	54
46789 (2322556)	<1	9.12	<5	<20	1540	<5	0.1	1.58	<0.2	43.0	4.8	0.015	0.4	19
46790 (2322557)	<1	9.11	<5	<20	1940	<5	0.1	2.03	<0.2	55.0	6.8	0.015	0.5	20
46791 (2322558)	<1	8.73	<5	<20	1100	<5	0.2	1.51	<0.2	49.8	9.5	0.020	3.5	47
46792 (2322559)	<1	8.28	<5	<20	1060	<5	0.1	1.77	<0.2	58.2	7.3	0.017	0.2	49
46793 (2322560)	<1	7.50	<5	<20	659	<5	0.2	1.13	0.2	57.1	21.8	0.027	6.1	43
46794 (2322561)	<1	9.72	<5	<20	1230	<5	0.1	1.43	<0.2	41.5	18.6	0.022	4.6	34
46795 C-DUP (2322562)	<1	8.07	<5	<20	1240	<5	0.2	1.18	<0.2	52.2	18.0	0.022	4.9	37
46796 (2322563)	<1	9.43	<5	<20	745	<5	0.2	1.16	<0.2	58.7	24.8	0.026	5.2	44
46797 (2322564)	<1	7.96	<5	<20	868	<5	0.2	1.57	<0.2	56.4	22.6	0.025	4.2	41
46798 (2322565)	<1	7.53	<5	<20	412	<5	0.1	0.97	<0.2	49.2	20.5	0.025	3.7	41
46799 (2322566)	<1	8.77	<5	<20	689	<5	0.3	1.13	<0.2	54.7	24.9	0.027	5.2	46
46800 (2322567)	<1	3.23	<5	<20	7.4	<5	0.7	4.30	<0.2	1.8	91.9	0.213	0.7	29

Certified By:



AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731182

PROJECT: 2021 Surimeau DDH Batch 26

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 25, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
46751 (2322518)	2.65	1.36	1.25	4.45	22.5	3.40	1	4	0.51	<0.2	2.21	29.1	48	0.23
46752 (2322519)	0.17	0.18	<0.05	0.10	0.44	0.18	<1	<1	<0.05	<0.2	0.06	1.3	<10	<0.05
46753 (2322520)	2.80	1.17	1.24	3.83	19.8	3.15	1	4	0.51	<0.2	2.29	29.1	55	0.20
46754 (2322521)	2.37	1.45	1.18	3.80	18.6	2.98	1	4	0.48	<0.2	2.12	27.1	55	0.19
46755 (2322522)	2.85	1.59	1.09	4.40	21.3	3.72	1	4	0.60	<0.2	2.58	30.9	69	0.23
46756 (2322523)	2.87	1.49	1.02	4.03	19.8	2.76	1	4	0.53	<0.2	2.56	23.9	76	0.26
46757 (2322524)	3.14	1.14	2.12	3.56	20.8	4.86	1	5	0.44	<0.2	1.75	45.0	41	0.13
46758 (2322525)	2.44	1.27	1.18	3.89	20.1	3.09	1	3	0.47	<0.2	2.66	26.9	79	0.21
46759 (2322526)	1.57	0.83	1.35	1.75	26.2	3.14	<1	5	0.27	<0.2	1.66	30.6	23	0.08
46760 (2322527)	0.93	0.30	1.15	1.77	25.1	2.73	<1	4	0.09	<0.2	1.50	25.6	<10	<0.05
46761 (2322528)	1.15	0.43	0.90	1.85	24.1	2.41	<1	4	0.16	<0.2	1.51	22.3	13	<0.05
46762 C-DUP (2322529)	1.00	0.50	0.82	1.72	24.0	2.37	<1	4	0.16	<0.2	1.50	21.9	12	0.05
46763 (2322530)	0.86	0.18	0.86	1.34	25.3	2.14	<1	4	0.08	<0.2	1.74	21.6	<10	<0.05
46764 (2322531)	0.70	0.20	0.65	1.35	24.6	2.11	<1	4	0.11	<0.2	2.10	21.6	<10	<0.05
46765 (2322532)	0.86	0.21	0.91	1.32	25.3	2.09	<1	4	0.08	<0.2	2.03	20.7	<10	<0.05
46766 (2322533)	0.41	0.15	0.58	0.98	18.0	1.42	<1	3	0.07	<0.2	1.22	14.3	<10	<0.05
46767 (2322534)	2.11	0.78	1.67	2.40	25.0	4.00	1	4	0.30	<0.2	1.89	31.7	<10	0.09
46768 (2322535)	0.53	0.20	1.05	1.45	25.3	1.96	<1	3	0.10	<0.2	2.20	21.0	<10	<0.05
46769 (2322536)	0.81	0.20	0.88	1.47	24.7	2.05	<1	3	0.09	<0.2	2.25	22.2	<10	<0.05
46770 (2322537)	1.08	0.47	0.96	1.86	25.4	2.35	<1	4	0.18	<0.2	1.47	22.1	<10	<0.05
46771 (2322538)	0.26	0.17	0.06	0.10	0.23	0.18	1	<1	0.06	<0.2	<0.05	1.1	<10	<0.05
46772 (2322539)	0.79	0.21	1.04	1.45	25.8	2.33	<1	4	0.09	<0.2	1.84	24.8	<10	<0.05
46773 (2322540)	1.02	0.31	1.04	1.36	24.9	2.27	<1	4	0.08	<0.2	2.07	21.0	<10	<0.05
46774 (2322541)	0.87	0.22	1.07	1.39	23.6	2.38	<1	3	0.11	<0.2	2.10	23.2	<10	<0.05
46775 (2322542)	0.92	0.28	1.32	1.59	25.9	2.56	<1	4	0.17	<0.2	1.93	22.1	<10	<0.05
46776 (2322543)	0.87	0.21	0.71	1.45	24.5	2.28	1	4	0.12	<0.2	1.45	21.4	<10	<0.05
46777 (2322544)	1.04	0.46	1.26	2.38	25.1	2.19	1	3	0.19	<0.2	0.86	17.9	13	0.06
46778 (2322545)	0.74	0.22	0.65	1.17	20.0	1.68	<1	3	0.10	<0.2	1.20	14.4	<10	<0.05
46779 (2322546)	0.75	0.21	0.87	1.39	24.0	1.66	<1	3	0.06	<0.2	1.15	16.8	<10	<0.05
46780 (2322547)	0.70	0.13	0.91	1.32	24.2	1.93	<1	4	0.10	<0.2	1.56	21.4	<10	<0.05
46781 (2322548)	0.79	0.17	0.90	1.46	25.8	2.27	<1	4	0.08	<0.2	2.13	23.0	<10	<0.05
46782 (2322549)	0.89	0.23	0.87	1.35	26.6	2.20	<1	4	0.11	<0.2	2.10	21.9	<10	<0.05

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731182

PROJECT: 2021 Surimeau DDH Batch 26

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 25, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
46783 (2322550)	0.84	0.29	1.02	1.32	26.2	2.13	<1	4	0.10	<0.2	2.17	20.7	<10	<0.05
46784 (2322551)	0.85	0.22	0.96	1.30	26.0	2.04	<1	4	0.07	<0.2	2.04	20.5	<10	<0.05
46785 (2322552)	1.05	0.45	1.14	2.58	24.9	2.48	1	3	0.21	<0.2	1.91	22.9	<10	0.08
46786 (2322553)	0.73	0.19	0.74	1.27	27.3	1.86	<1	4	0.10	<0.2	2.11	18.8	<10	<0.05
46787 (2322554)	0.73	0.29	1.01	1.20	26.1	1.85	<1	4	0.10	<0.2	1.61	17.7	<10	<0.05
46788 (2322555)	2.48	1.51	1.11	3.38	21.6	3.10	1	4	0.46	<0.2	0.99	26.3	33	0.18
46789 (2322556)	0.76	0.40	0.97	1.54	24.7	2.12	<1	3	0.11	<0.2	1.42	19.8	<10	<0.05
46790 (2322557)	1.33	0.41	1.25	2.07	26.2	2.79	1	4	0.18	<0.2	1.66	27.6	<10	0.07
46791 (2322558)	1.37	0.54	0.95	2.28	21.9	2.43	<1	3	0.21	<0.2	1.09	25.1	17	<0.05
46792 (2322559)	1.24	0.46	1.37	1.81	22.6	3.05	<1	4	0.16	<0.2	0.65	28.8	<10	0.05
46793 (2322560)	2.70	1.47	1.25	3.54	18.9	3.11	1	4	0.50	<0.2	1.72	27.7	58	0.19
46794 (2322561)	2.22	1.19	1.12	3.87	21.0	2.68	1	4	0.43	<0.2	2.62	25.7	46	0.20
46795 C-DUP (2322562)	2.10	1.30	1.12	3.18	20.4	2.84	1	4	0.44	<0.2	2.17	26.6	38	0.18
46796 (2322563)	3.04	1.65	1.20	4.51	21.5	3.21	1	4	0.55	<0.2	2.85	29.4	53	0.21
46797 (2322564)	2.85	1.48	1.36	3.90	19.8	3.31	1	4	0.46	<0.2	1.72	28.4	33	0.17
46798 (2322565)	2.71	1.53	1.16	3.49	18.9	2.75	1	4	0.50	<0.2	1.46	25.2	32	0.18
46799 (2322566)	2.85	1.56	1.42	4.22	21.7	3.28	1	4	0.57	<0.2	2.30	28.5	40	0.19
46800 (2322567)	1.22	0.81	0.18	7.24	6.96	0.80	2	<1	0.21	<0.2	<0.05	0.6	<10	0.11

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731182

PROJECT: 2021 Surimeau DDH Batch 26

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 25, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
46751 (2322518)	2.01	640	<2	6	28.0	94	0.05	19	7.66	90.4	0.27	<0.1	17	29.5
46752 (2322519)	1.10	89	<2	<1	0.9	<5	<0.01	<5	0.28	1.7	0.54	<0.1	<5	4.00
46753 (2322520)	1.60	559	2	6	26.2	81	0.05	16	6.95	83.2	0.23	<0.1	14	31.8
46754 (2322521)	1.70	548	<2	6	23.7	76	0.05	19	6.16	79.7	0.22	<0.1	14	32.8
46755 (2322522)	1.78	580	<2	6	31.2	88	0.06	12	7.97	92.7	0.21	<0.1	16	31.9
46756 (2322523)	1.76	562	2	7	23.8	82	0.05	7	6.27	90.6	0.17	<0.1	16	30.4
46757 (2322524)	1.33	468	<2	8	45.0	41	0.10	12	11.8	52.5	0.26	<0.1	8	31.8
46758 (2322525)	1.63	562	<2	6	24.5	84	0.05	10	6.84	96.9	0.16	<0.1	16	30.0
46759 (2322526)	0.52	180	<2	6	31.2	16	0.06	101	7.86	41.9	0.16	0.2	<5	33.1
46760 (2322527)	0.50	188	<2	4	28.6	8	0.06	16	6.97	24.5	0.19	<0.1	<5	36.0
46761 (2322528)	0.69	240	<2	4	23.7	22	0.05	17	6.07	43.4	0.19	<0.1	<5	32.9
46762 C-DUP (2322529)	0.64	225	<2	4	21.8	22	0.04	16	6.15	43.8	0.17	<0.1	<5	32.7
46763 (2322530)	0.41	158	<2	3	23.6	19	0.05	17	5.91	41.4	0.16	<0.1	<5	33.7
46764 (2322531)	0.40	149	<2	3	21.8	14	0.05	17	5.94	52.0	0.10	<0.1	<5	34.3
46765 (2322532)	0.40	143	<2	3	23.1	13	0.04	18	5.73	51.1	0.11	<0.1	<5	33.8
46766 (2322533)	0.26	99	<2	3	15.3	16	0.05	14	3.94	26.9	0.13	<0.1	<5	36.5
46767 (2322534)	1.07	397	<2	5	35.5	20	0.09	17	8.82	49.6	0.18	<0.1	6	32.7
46768 (2322535)	0.39	162	<2	3	22.7	12	0.04	16	5.80	47.6	0.13	<0.1	<5	39.3
46769 (2322536)	0.45	161	<2	3	22.7	18	0.05	17	6.32	42.5	0.11	<0.1	<5	37.2
46770 (2322537)	0.62	255	<2	4	23.6	15	0.06	19	5.97	33.1	0.17	<0.1	<5	32.6
46771 (2322538)	1.96	97	<2	<1	0.8	<5	<0.01	<5	0.30	0.5	0.55	<0.1	<5	4.37
46772 (2322539)	0.51	161	<2	4	24.7	18	0.05	16	6.76	36.8	0.15	<0.1	<5	33.7
46773 (2322540)	0.45	154	<2	3	25.0	10	0.05	14	6.20	43.2	0.11	<0.1	<5	34.0
46774 (2322541)	0.49	157	<2	3	25.8	13	0.06	16	6.42	47.8	0.12	<0.1	<5	34.8
46775 (2322542)	0.61	199	<2	4	24.8	19	0.06	16	6.22	43.4	0.14	<0.1	<5	33.1
46776 (2322543)	0.47	162	<2	5	23.9	13	0.05	14	6.47	36.7	0.22	<0.1	<5	33.3
46777 (2322544)	1.04	355	<2	7	21.4	23	0.05	12	5.07	31.3	0.16	<0.1	5	37.6
46778 (2322545)	0.40	143	<2	3	17.1	14	0.04	12	4.44	37.7	0.06	<0.1	<5	38.2
46779 (2322546)	0.46	146	<2	4	19.0	18	0.04	13	5.09	33.0	0.27	0.2	<5	34.3
46780 (2322547)	0.40	143	<2	4	22.0	12	0.06	16	5.65	34.9	0.16	<0.1	<5	34.7
46781 (2322548)	0.57	177	<2	4	24.0	20	0.05	12	6.38	58.6	0.16	<0.1	<5	34.7
46782 (2322549)	0.42	152	<2	4	23.4	20	0.05	16	6.32	49.4	0.11	<0.1	<5	34.8

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731182

PROJECT: 2021 Surimeau DDH Batch 26

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 25, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
46783 (2322550)	0.40	141	<2	3	22.9	13	0.05	16	5.94	53.0	0.12	<0.1	<5	33.6
46784 (2322551)	0.42	144	<2	4	22.5	12	0.04	24	5.87	57.6	0.12	<0.1	<5	34.1
46785 (2322552)	1.42	343	<2	4	24.6	48	0.09	17	6.04	51.4	0.47	<0.1	8	31.4
46786 (2322553)	0.41	144	<2	3	20.0	13	0.04	15	5.02	50.5	0.12	<0.1	<5	34.0
46787 (2322554)	0.36	143	<2	4	20.6	18	0.10	15	5.00	39.2	0.15	<0.1	<5	33.8
46788 (2322555)	1.45	532	<2	7	24.5	72	0.06	13	6.96	39.2	0.59	<0.1	13	29.4
46789 (2322556)	0.42	195	<2	4	21.2	17	0.04	16	5.52	22.0	0.16	<0.1	<5	39.3
46790 (2322557)	0.72	296	<2	4	28.9	18	0.07	19	7.05	33.1	0.23	<0.1	<5	35.5
46791 (2322558)	0.72	290	<2	5	23.6	25	0.07	14	6.90	30.9	0.32	<0.1	<5	39.1
46792 (2322559)	0.55	228	<2	5	31.0	20	0.07	14	7.88	13.3	0.36	<0.1	<5	36.5
46793 (2322560)	1.77	577	<2	6	26.0	75	0.05	14	6.89	73.3	0.29	<0.1	13	30.2
46794 (2322561)	1.42	597	<2	7	22.9	59	0.05	20	5.80	84.8	0.20	<0.1	11	36.6
46795 C-DUP (2322562)	1.42	502	<2	7	24.6	59	0.05	17	6.11	82.0	0.21	<0.1	12	30.9
46796 (2322563)	1.79	582	4	7	27.4	83	0.05	12	7.07	98.7	0.17	<0.1	16	33.5
46797 (2322564)	1.70	638	<2	6	27.2	69	0.06	15	7.26	61.7	0.21	<0.1	15	31.0
46798 (2322565)	1.60	531	<2	5	21.9	56	0.04	10	5.96	52.4	0.23	<0.1	12	31.9
46799 (2322566)	1.70	518	3	7	24.4	88	0.05	11	6.59	92.5	0.23	<0.1	16	31.1
46800 (2322567)	15.4	1200	<2	<1	1.1	1180	<0.01	<5	0.31	2.0	0.18	<0.1	21	21.4

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731182

PROJECT: 2021 Surimeau DDH Batch 26

CLIENT NAME: MISC AGAT CLIENT QC

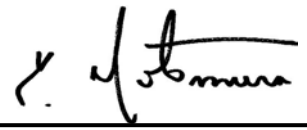
ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 25, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
46751 (2322518)	5.3	2	493	<0.5	0.48	7.1	0.39	0.7	0.18	2.61	108	<1	12.3	1.2
46752 (2322519)	0.1	<1	80.3	<0.5	<0.05	0.2	<0.01	<0.5	<0.05	0.17	<5	<1	2.8	0.2
46753 (2322520)	4.2	<1	334	<0.5	0.43	7.5	0.33	<0.5	0.19	2.55	94	<1	13.6	1.2
46754 (2322521)	4.2	1	379	<0.5	0.44	7.6	0.34	0.5	0.19	2.52	92	<1	12.7	1.4
46755 (2322522)	5.5	1	337	<0.5	0.55	7.7	0.37	0.5	0.21	2.81	112	<1	15.9	1.4
46756 (2322523)	3.6	1	237	<0.5	0.46	8.2	0.35	0.6	0.24	2.79	107	<1	15.8	1.5
46757 (2322524)	7.5	1	834	<0.5	0.55	8.7	0.39	<0.5	0.15	2.69	77	<1	15.0	0.7
46758 (2322525)	3.7	2	223	<0.5	0.45	8.2	0.35	0.6	0.19	2.64	114	<1	14.6	1.3
46759 (2322526)	5.5	2	2010	<0.5	0.34	4.4	0.24	<0.5	0.12	2.33	26	<1	10.2	0.8
46760 (2322527)	4.6	2	1930	<0.5	0.24	3.4	0.23	<0.5	<0.05	1.52	22	<1	3.7	0.2
46761 (2322528)	3.5	1	1500	<0.5	0.23	3.5	0.20	<0.5	0.06	1.47	33	<1	4.4	0.3
46762 C-DUP (2322529)	4.2	1	1450	<0.5	0.26	3.3	0.19	<0.5	0.06	1.34	27	<1	5.2	0.3
46763 (2322530)	4.0	2	1570	<0.5	0.21	3.2	0.17	<0.5	<0.05	1.71	19	<1	3.3	0.2
46764 (2322531)	3.4	1	1600	<0.5	0.16	3.0	0.17	<0.5	<0.05	1.63	18	<1	2.8	0.2
46765 (2322532)	3.3	2	1530	<0.5	0.18	3.1	0.17	<0.5	<0.05	1.63	17	<1	3.2	0.1
46766 (2322533)	1.9	1	1050	<0.5	0.11	2.2	0.11	<0.5	<0.05	1.14	7	<1	2.5	0.1
46767 (2322534)	6.2	1	1570	<0.5	0.40	4.7	0.24	<0.5	0.07	2.11	45	<1	10.1	0.7
46768 (2322535)	3.3	<1	1600	<0.5	0.20	3.0	0.19	<0.5	<0.05	1.50	17	<1	3.1	0.1
46769 (2322536)	3.6	<1	1610	<0.5	0.19	2.8	0.19	<0.5	<0.05	1.17	20	<1	3.1	0.1
46770 (2322537)	3.7	<1	1470	<0.5	0.24	3.1	0.21	<0.5	0.06	1.66	34	<1	5.0	0.4
46771 (2322538)	<0.1	4	79.1	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.53	<5	<1	2.8	0.1
46772 (2322539)	3.7	1	1470	<0.5	0.21	3.2	0.19	<0.5	<0.05	1.59	19	<1	4.1	0.2
46773 (2322540)	4.0	<1	1490	<0.5	0.24	3.1	0.19	<0.5	<0.05	1.42	18	<1	3.8	0.2
46774 (2322541)	4.2	<1	1370	<0.5	0.21	3.2	0.18	<0.5	<0.05	1.42	18	<1	4.0	0.3
46775 (2322542)	4.4	1	1570	<0.5	0.22	2.9	0.20	<0.5	<0.05	1.15	25	<1	4.8	0.2
46776 (2322543)	3.7	1	1570	<0.5	0.23	2.9	0.19	<0.5	<0.05	1.30	18	<1	2.7	0.2
46777 (2322544)	3.3	2	1340	0.6	0.22	2.7	0.23	<0.5	0.07	1.61	32	<1	5.1	0.4
46778 (2322545)	3.0	2	1090	<0.5	0.20	2.3	0.14	<0.5	<0.05	1.11	13	<1	2.1	0.1
46779 (2322546)	2.8	2	1030	<0.5	0.18	2.8	0.17	<0.5	<0.05	1.47	15	<1	3.5	0.2
46780 (2322547)	3.4	1	1500	<0.5	0.18	2.8	0.16	<0.5	<0.05	1.59	17	<1	2.5	0.1
46781 (2322548)	3.7	<1	1130	<0.5	0.24	3.3	0.18	<0.5	<0.05	2.00	20	<1	2.9	0.2
46782 (2322549)	3.7	1	1480	<0.5	0.24	3.2	0.18	<0.5	<0.05	1.86	17	<1	3.6	0.2

Certified By:



AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731182

PROJECT: 2021 Surimeau DDH Batch 26

CLIENT NAME: MISC AGAT CLIENT QC

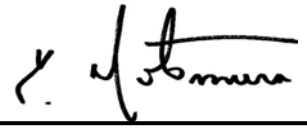
ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 25, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
46783 (2322550)	3.9	1	1450	<0.5	0.20	3.1	0.17	<0.5	<0.05	1.68	15	<1	3.3	0.2
46784 (2322551)	3.3	<1	1400	<0.5	0.20	3.2	0.17	<0.5	<0.05	1.78	17	<1	4.0	0.1
46785 (2322552)	4.0	<1	1190	<0.5	0.31	3.2	0.22	<0.5	0.06	2.04	61	<1	4.6	0.4
46786 (2322553)	3.0	1	1240	<0.5	0.14	3.1	0.16	<0.5	<0.05	1.55	15	<1	2.9	0.1
46787 (2322554)	2.8	1	1060	<0.5	0.16	3.0	0.15	<0.5	<0.05	2.10	12	<1	3.4	0.2
46788 (2322555)	4.8	2	454	<0.5	0.47	6.8	0.31	<0.5	0.20	2.55	86	<1	15.0	1.2
46789 (2322556)	2.9	1	1480	<0.5	0.21	3.1	0.20	<0.5	<0.05	1.64	14	<1	3.6	0.2
46790 (2322557)	4.6	1	1500	<0.5	0.31	3.9	0.24	<0.5	<0.05	1.98	34	<1	5.3	0.3
46791 (2322558)	3.6	<1	1270	<0.5	0.28	3.8	0.26	<0.5	0.07	1.78	33	<1	5.7	0.5
46792 (2322559)	5.5	2	1310	<0.5	0.32	3.6	0.26	<0.5	0.08	1.79	22	<1	5.7	0.4
46793 (2322560)	4.0	2	342	<0.5	0.45	6.4	0.30	0.7	0.20	2.67	80	<1	14.8	1.3
46794 (2322561)	3.7	<1	799	<0.5	0.41	5.9	0.34	0.6	0.16	3.76	72	<1	13.3	1.2
46795 C-DUP (2322562)	3.7	<1	657	<0.5	0.33	8.2	0.28	0.6	0.17	3.13	77	<1	13.1	1.2
46796 (2322563)	4.5	1	261	0.5	0.50	7.8	0.39	0.7	0.26	2.67	104	<1	16.4	1.4
46797 (2322564)	4.3	2	462	<0.5	0.46	7.1	0.33	<0.5	0.24	2.48	98	<1	15.4	1.4
46798 (2322565)	4.3	1	239	<0.5	0.37	7.2	0.29	<0.5	0.18	2.77	79	<1	12.9	1.2
46799 (2322566)	4.0	1	237	0.5	0.46	7.4	0.36	0.6	0.24	2.70	105	<1	14.3	1.4
46800 (2322567)	0.4	<1	166	<0.5	0.17	<0.1	0.19	<0.5	0.09	<0.05	96	<1	8.3	0.7

Certified By:



AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731182

PROJECT: 2021 Surimeau DDH Batch 26

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 25, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
46751 (2322518)	110	142
46752 (2322519)	9	8.9
46753 (2322520)	94	139
46754 (2322521)	83	160
46755 (2322522)	96	147
46756 (2322523)	168	145
46757 (2322524)	106	193
46758 (2322525)	104	140
46759 (2322526)	102	193
46760 (2322527)	100	142
46761 (2322528)	95	125
46762 C-DUP (2322529)	85	122
46763 (2322530)	79	126
46764 (2322531)	88	130
46765 (2322532)	83	125
46766 (2322533)	58	84.5
46767 (2322534)	90	156
46768 (2322535)	84	117
46769 (2322536)	83	121
46770 (2322537)	84	127
46771 (2322538)	8	3.1
46772 (2322539)	74	137
46773 (2322540)	69	135
46774 (2322541)	71	132
46775 (2322542)	90	136
46776 (2322543)	65	140
46777 (2322544)	102	107
46778 (2322545)	58	95.5
46779 (2322546)	42	120
46780 (2322547)	65	120
46781 (2322548)	55	130
46782 (2322549)	73	128

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731182

PROJECT: 2021 Surimeau DDH Batch 26

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 25, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
46783 (2322550)	74	125
46784 (2322551)	74	128
46785 (2322552)	86	118
46786 (2322553)	66	120
46787 (2322554)	57	116
46788 (2322555)	109	151
46789 (2322556)	76	128
46790 (2322557)	82	134
46791 (2322558)	71	125
46792 (2322559)	63	151
46793 (2322560)	114	142
46794 (2322561)	100	155
46795 C-DUP (2322562)	78	158
46796 (2322563)	93	141
46797 (2322564)	77	150
46798 (2322565)	95	141
46799 (2322566)	78	145
46800 (2322567)	58	16.8

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731182

PROJECT: 2021 Surimeau DDH Batch 26

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 25, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
46751 (2322518)	78.82
46770 (2322537)	77.78
46790 (2322557)	75.76

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O731182

PROJECT: 2021 Surimeau DDH Batch 26

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 08, 2021 | DATE RECEIVED: Apr 08, 2021 | DATE REPORTED: Jun 25, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
46751 (2322518)	85.53
46786 (2322553)	89.23

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O731182

PROJECT: 2021 Surimeau DDH Batch 26

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2322518	< 1	< 1	0.0%	2322532	< 1	< 1	0.0%	2322543	< 1	< 1	0.0%	2322558	< 1	< 1	0.0%
Al	2322518	8.69	8.72	0.3%	2322532	8.26	8.41	1.8%	2322543	8.20	8.30	1.2%	2322558	8.73	8.03	8.4%
As	2322518	< 5	< 5	0.0%	2322532	< 5	< 5	0.0%	2322543	< 5	< 5	0.0%	2322558	< 5	< 5	0.0%
B	2322518	< 20	< 20	0.0%	2322532	< 20	< 20	0.0%	2322543	< 20	< 20	0.0%	2322558	< 20	< 20	0.0%
Ba	2322518	1040	1040	0.0%	2322532	1760	1720	2.3%	2322543	1750	1760	0.6%	2322558	1100	1060	3.7%
Be	2322518	< 5	< 5	0.0%	2322532	< 5	< 5	0.0%	2322543	9	9	0.0%	2322558	< 5	< 5	0.0%
Bi	2322518	0.2	0.2	0.0%	2322532	< 0.1	< 0.1	0.0%	2322543	0.14	0.163	15.2%	2322558	0.2	0.2	0.0%
Ca	2322518	1.62	1.64	1.2%	2322532	1.50	1.52	1.3%	2322543	1.63	1.69	3.6%	2322558	1.51	1.38	9.0%
Cd	2322518	< 0.2	< 0.2	0.0%	2322532	< 0.2	< 0.2	0.0%	2322543	< 0.2	< 0.2	0.0%	2322558	< 0.2	< 0.2	0.0%
Ce	2322518	60.2	59.5	1.2%	2322532	43.5	44.0	1.1%	2322543	47.1	48.6	3.1%	2322558	49.8	53.9	7.9%
Co	2322518	27.4	26.8	2.2%	2322532	3.8	3.7	2.7%	2322543	5.43	5.14	5.5%	2322558	9.5	9.6	1.0%
Cr	2322518	0.0292	0.0322	9.8%	2322532	0.013	0.013	0.0%	2322543	0.013	0.015	14.3%	2322558	0.0196	0.0183	6.9%
Cs	2322518	5.4	6.1	12.2%	2322532	0.91	0.83	9.2%	2322543	1.44	1.45	0.7%	2322558	3.53	3.80	7.4%
Cu	2322518	48	48	0.0%	2322532	8	7	13.3%	2322543	29	28	3.5%	2322558	47	45	4.3%
Dy	2322518	2.65	2.50	5.8%	2322532	0.857	0.789	8.3%	2322543	0.866	0.780	10.4%	2322558	1.37	1.50	9.1%
Er	2322518	1.36	1.45	6.4%	2322532	0.21	0.23	9.1%	2322543	0.21	0.25	17.4%	2322558	0.54	0.50	7.7%
Eu	2322518	1.25	1.23	1.6%	2322532	0.912	0.918	0.7%	2322543	0.71	0.83	15.6%	2322558	0.95	0.86	9.9%
Fe	2322518	4.45	4.42	0.7%	2322532	1.32	1.35	2.2%	2322543	1.45	1.55	6.7%	2322558	2.28	2.08	9.2%
Ga	2322518	22.5	22.1	1.8%	2322532	25.3	25.5	0.8%	2322543	24.5	24.3	0.8%	2322558	21.9	22.0	0.5%
Gd	2322518	3.40	3.48	2.3%	2322532	2.09	2.10	0.5%	2322543	2.28	2.40	5.1%	2322558	2.43	2.37	2.5%
Ge	2322518	1	1	0.0%	2322532	< 1	< 1	0.0%	2322543	1	< 1		2322558	< 1	< 1	0.0%
Hf	2322518	4	4	0.0%	2322532	4	4	0.0%	2322543	4	3	28.6%	2322558	3	3	0.0%
Ho	2322518	0.515	0.517	0.4%	2322532	0.077	0.072	6.7%	2322543	0.12	0.11	8.7%	2322558	0.213	0.194	9.3%
In	2322518	< 0.2	< 0.2	0.0%	2322532	< 0.2	< 0.2	0.0%	2322543	< 0.2	< 0.2	0.0%	2322558	< 0.2	< 0.2	0.0%
K	2322518	2.21	2.21	0.0%	2322532	2.03	2.07	2.0%	2322543	1.45	1.47	1.4%	2322558	1.09	1.00	8.6%
La	2322518	29.1	29.6	1.7%	2322532	20.7	20.5	1.0%	2322543	21.4	22.7	5.9%	2322558	25.1	25.2	0.4%
Li	2322518	48	48	0.0%	2322532	< 10	< 10	0.0%	2322543	< 10	< 10	0.0%	2322558	17	15	12.5%
Lu	2322518	0.23	0.20	14.0%	2322532	< 0.05	< 0.05	0.0%	2322543	< 0.05	< 0.05	0.0%	2322558	< 0.05	0.07	
Mg	2322518	2.01	1.93	4.1%	2322532	0.40	0.40	0.0%	2322543	0.472	0.506	7.0%	2322558	0.716	0.680	5.2%
Mn	2322518	640	640	0.0%	2322532	143	146	2.1%	2322543	162	174	7.1%	2322558	290	264	9.4%
Mo	2322518	< 2	< 2	0.0%	2322532	< 2	< 2	0.0%	2322543	< 2	< 2	0.0%	2322558	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2322518	6	7	15.4%	2322532	3	3	0.0%	2322543	5	5	0.0%	2322558	5	4	22.2%
Nd	2322518	28.0	27.8	0.7%	2322532	23.1	22.2	4.0%	2322543	23.9	24.8	3.7%	2322558	23.6	26.3	10.8%
Ni	2322518	94	92	2.2%	2322532	13	13	0.0%	2322543	13	15	14.3%	2322558	25	27	7.7%
P	2322518	0.05	0.05	0.0%	2322532	0.043	0.049	13.0%	2322543	0.048	0.052	8.0%	2322558	0.07	0.06	15.4%
Pb	2322518	19	18	5.4%	2322532	18	17	5.7%	2322543	14	15	6.9%	2322558	14	13	7.4%
Pr	2322518	7.66	7.50	2.1%	2322532	5.73	5.55	3.2%	2322543	6.47	6.47	0.0%	2322558	6.90	6.91	0.1%
Rb	2322518	90.4	88.7	1.9%	2322532	51.1	51.4	0.6%	2322543	36.7	34.5	6.2%	2322558	30.9	33.1	6.9%
S	2322518	0.275	0.278	1.1%	2322532	0.11	0.11	0.0%	2322543	0.22	0.23	4.4%	2322558	0.321	0.304	5.4%
Sb	2322518	< 0.1	< 0.1	0.0%	2322532	< 0.1	< 0.1	0.0%	2322543	< 0.1	< 0.1	0.0%	2322558	< 0.1	< 0.1	0.0%
Sc	2322518	17	17	0.0%	2322532	< 5	< 5	0.0%	2322543	< 5	< 5	0.0%	2322558	< 5	< 5	0.0%
Si	2322518	29.5	29.5	0.0%	2322532	33.8	34.3	1.5%	2322543	33.3	34.3	3.0%	2322558	39.1	36.1	8.0%
Sm	2322518	5.3	4.8	9.9%	2322532	3.3	3.6	8.7%	2322543	3.72	3.32	11.4%	2322558	3.57	3.33	7.0%
Sn	2322518	2	2	0.0%	2322532	2	1		2322543	1	1	0.0%	2322558	< 1	1	
Sr	2322518	493	497	0.8%	2322532	1530	1550	1.3%	2322543	1570	1570	0.0%	2322558	1270	1170	8.2%
Ta	2322518	< 0.5	< 0.5	0.0%	2322532	< 0.5	< 0.5	0.0%	2322543	< 0.5	< 0.5	0.0%	2322558	< 0.5	< 0.5	0.0%
Tb	2322518	0.485	0.498	2.6%	2322532	0.18	0.15	18.2%	2322543	0.228	0.222	2.7%	2322558	0.275	0.244	11.9%
Th	2322518	7.13	7.40	3.7%	2322532	3.1	3.0	3.3%	2322543	2.9	2.9	0.0%	2322558	3.84	4.08	6.1%
Ti	2322518	0.39	0.39	0.0%	2322532	0.17	0.17	0.0%	2322543	0.191	0.198	3.6%	2322558	0.26	0.24	8.0%
Tl	2322518	0.7	0.7	0.0%	2322532	< 0.5	< 0.5	0.0%	2322543	< 0.5	< 0.5	0.0%	2322558	< 0.5	< 0.5	0.0%
Tm	2322518	0.176	0.205	15.2%	2322532	< 0.05	< 0.05	0.0%	2322543	< 0.05	< 0.05	0.0%	2322558	0.070	0.061	13.7%
U	2322518	2.61	2.56	1.9%	2322532	1.63	1.51	7.6%	2322543	1.30	1.27	2.3%	2322558	1.78	1.76	1.1%
V	2322518	108	110	1.8%	2322532	17	19	11.1%	2322543	18	20	10.5%	2322558	33	31	6.3%
W	2322518	< 1	< 1	0.0%	2322532	< 1	< 1	0.0%	2322543	< 1	< 1	0.0%	2322558	< 1	< 1	0.0%
Y	2322518	12.3	13.1	6.3%	2322532	3.2	3.6	11.8%	2322543	2.7	3.1	13.8%	2322558	5.68	6.16	8.1%
Yb	2322518	1.2	1.2	0.0%	2322532	0.1	0.2		2322543	0.2	0.2	0.0%	2322558	0.5	0.4	22.2%
Zn	2322518	110	112	1.8%	2322532	83	85	2.4%	2322543	65	73	11.6%	2322558	71	66	7.3%
Zr	2322518	142	141	0.7%	2322532	125	120	4.1%	2322543	140	133	5.1%	2322558	125	124	0.8%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O731182

PROJECT: 2021 Surimeau DDH Batch 26

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.11	96%	90% - 110%					6.94	7.02	101%	90% - 110%	13.0	12.7	98%	90% - 110%
As	26	29	112%	90% - 110%												
Ba	540	531	98%	90% - 110%									1310	1334	102%	90% - 110%
Ca	0.907	0.828	91%	90% - 110%					4.01	4.07	102%	90% - 110%	1.42	1.32	93%	90% - 110%
Ce	98	100	102%	90% - 110%	58.2	59.2	102%	90% - 110%								
Co	15	15	99%	90% - 110%												
Cu	150	153	102%	90% - 110%												
Er	3.7	3.8	102%	90% - 110%												
Fe	3.77	3.69	98%	90% - 110%					7.56	7.42	98%	90% - 110%	3.27	3.26	100%	90% - 110%
Ga					22.6	23.6	105%	90% - 110%								
Hf	11	10	90%	90% - 110%												
K	2.55	2.44	96%	90% - 110%					2.02	2.06	102%	90% - 110%	3.68	3.68	100%	90% - 110%
La	44	45	102%	90% - 110%	27.5	29	106%	90% - 110%								
Li	47	48	103%	90% - 110%									65.0	70.6	109%	90% - 110%
Lu	0.6	0.6	94%	90% - 110%												
Mg	1.1	1	91%	90% - 110%					2.41	2.53	105%	90% - 110%				
Mn	780	768	98%	90% - 110%												
Mo	14	14	98%	90% - 110%												
Nb	20	20	101%	90% - 110%	22.6	25	111%	90% - 110%								
Nd					27.3	27.6	101%	90% - 110%								
Ni	32	35	110%	90% - 110%												
P													0.061	0.047	77%	90% - 110%
Pb	31	33	107%	90% - 110%												
Rb	144	145	101%	90% - 110%	85.4	85.2	100%	90% - 110%								
Sb	0.8	0.8	103%	90% - 110%												
Sc	12	12	104%	90% - 110%												
Si	28.4	29.3	103%	90% - 110%					23.65	25.46	108%	90% - 110%	24.4	25.5	104%	90% - 110%
Sm	7.4	8	108%	90% - 110%												
Sr	144	150	104%	90% - 110%									310	323	104%	90% - 110%
Ta	1.9	1.9	100%	90% - 110%												
Tb	1.2	1.1	92%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Th	18.4	19.4	105%	90% - 110%												
Ti	0.527	0.517	98%	90% - 110%									0.222	0.217	98%	90% - 110%
U	5.7	6.1	107%	90% - 110%												
V	77	73	95%	90% - 110%												
W	5	5	104%	90% - 110%												
Y	40	40	99%	90% - 110%	25.3	25.4	100%	90% - 110%								
Yb					2.66	2.76	104%	90% - 110%								
Zn	130	133	102%	90% - 110%									75.4	81.8	108%	90% - 110%
Zr	390	398	102%	90% - 110%	157	160	102%	90% - 110%								

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O731182

PROJECT: 2021 Surimeau DDH Batch 26

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC
AGAT WORK ORDER: 21O731182
PROJECT: 2021 Surimeau DDH Batch 26
ATTENTION TO: Francis Newton
SAMPLING SITE:
SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O731182

PROJECT: 2021 Surimeau DDH Batch 26

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 30

AGAT WORK ORDER: 21O733208

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Aug 27, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733208

PROJECT: 2021 Surimeau DDH Batch 30

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Aug 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
46951 (2342629)	3.84
46952 (2342630)	1.03
46953 (2342631)	3.71
46954 (2342632)	4.96
46955 (2342633)	4.32
46956 (2342634)	4.91
46957 (2342635)	4.23
46958 (2342636)	3.25
46959 (2342637)	2.66
46960 (2342638)	2.67
46961 (2342639)	1.18
46962 C-DUP (2342640)	-
46963 (2342641)	4.23
46964 (2342642)	2.73
46965 (2342643)	1.61
46966 (2342644)	4.42
46967 (2342645)	4.51
46968 (2342646)	4.28
46969 (2342647)	3.72
46970 (2342648)	4.19
46971 (2342649)	2.39
46972 (2342650)	0.84
46973 (2342651)	3.45
46974 (2342652)	3.89
46975 (2342653)	5.33
46976 (2342654)	2.46
46977 (2342655)	3.74
46978 (2342656)	3.06
46979 (2342657)	5.00
46980 (2342658)	5.07
46981 (2342659)	5.05

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733208

PROJECT: 2021 Surimeau DDH Batch 30

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Aug 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
46982 (2342660)	4.90
46983 (2342661)	5.53
46984 (2342662)	4.34
46985 (2342663)	5.04
46986 (2342664)	4.80
46987 (2342665)	5.26
46988 (2342666)	5.06
46989 (2342667)	5.07
46990 (2342668)	5.09
46991 (2342669)	3.05
46992 (2342670)	2.06
46993 (2342671)	4.61
46994 (2342672)	4.62
46995 C-DUP (2342673)	-
46996 (2342674)	4.39
46997 (2342675)	5.94
46998 (2342676)	4.93
46999 (2342677)	5.14
47000 (2342678)	4.84

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733208

PROJECT: 2021 Surimeau DDH Batch 30

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Aug 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
46951 (2342629)	1	8.08	<5	<20	782	<5	0.3	1.64	<0.2	60.6	23.5	0.028	3.9	51
46952 (2342630)	<1	0.28	<5	<20	55.0	<5	<0.1	36.7	<0.2	1.3	1.2	<0.005	<0.1	<5
46953 (2342631)	<1	8.59	<5	<20	637	<5	0.3	1.43	<0.2	62.6	24.7	0.031	5.3	47
46954 (2342632)	<1	8.47	<5	23	629	<5	0.3	1.64	<0.2	63.8	23.8	0.029	5.6	47
46955 (2342633)	<1	8.77	<5	<20	663	<5	0.3	1.61	0.2	67.5	25.0	0.030	5.5	48
46956 (2342634)	2	8.41	<5	<20	708	<5	0.4	1.61	<0.2	72.3	20.2	0.028	4.9	43
46957 (2342635)	1	8.16	<5	<20	821	<5	0.3	2.48	0.2	64.7	29.7	0.042	5.0	50
46958 (2342636)	<1	8.27	<5	<20	736	<5	0.3	1.57	<0.2	60.6	22.2	0.034	3.9	46
46959 (2342637)	<1	8.14	<5	<20	1780	<5	0.6	3.21	<0.2	105	25.0	0.020	2.5	149
46960 (2342638)	<1	7.89	<5	22	1750	<5	0.6	3.52	1.6	108	28.5	0.023	1.6	189
46961 (2342639)	1	7.44	<5	<20	739	<5	2.1	2.49	8.9	71.0	61.4	0.025	1.3	375
46962 C-DUP (2342640)	1	7.45	<5	<20	739	<5	1.5	2.53	8.3	71.1	62.9	0.027	1.4	394
46963 (2342641)	2	8.55	<5	20	1340	<5	1.4	1.66	3.9	63.0	51.7	0.025	1.9	307
46964 (2342642)	2	7.97	<5	<20	651	<5	0.4	4.38	0.6	127	29.7	0.026	0.9	187
46965 (2342643)	<1	8.39	<5	20	821	<5	0.4	3.52	<0.2	118	28.6	0.025	2.2	171
46966 (2342644)	1	8.88	<5	<20	1180	<5	0.8	1.03	1.2	71.0	40.1	0.023	1.8	275
46967 (2342645)	<1	8.90	<5	<20	759	<5	0.3	0.89	0.2	70.3	23.7	0.024	1.7	92
46968 (2342646)	<1	8.57	<5	<20	752	<5	0.4	1.48	<0.2	60.3	25.3	0.027	1.8	135
46969 (2342647)	<1	7.76	<5	<20	822	<5	1.6	3.60	4.6	79.4	45.3	0.023	1.7	271
46970 (2342648)	2	7.58	<5	24	677	<5	0.5	3.22	13.1	66.2	88.7	0.017	0.4	639
46971 (2342649)	<1	7.31	<5	24	336	<5	0.6	3.14	12.9	61.8	93.2	0.017	0.5	629
46972 (2342650)	<1	0.08	<5	<20	20.7	<5	<0.1	35.5	<0.2	1.3	<0.5	<0.005	<0.1	5
46973 (2342651)	4	8.73	<5	<20	919	<5	0.4	2.19	0.3	65.2	27.5	0.028	3.2	217
46974 (2342652)	<1	7.81	<5	<20	818	<5	0.4	1.55	0.6	57.6	25.5	0.028	1.7	210
46975 (2342653)	2	8.42	<5	<20	506	<5	0.3	2.14	1.7	63.1	27.4	0.029	2.3	192
46976 (2342654)	2	7.10	<5	31	741	<5	4.0	1.85	24.0	51.0	169	0.017	1.6	1040
46977 (2342655)	2	6.33	<5	31	224	<5	1.2	6.02	<0.2	11.8	131	0.380	0.9	477
46978 (2342656)	1	6.40	<5	29	134	<5	1.0	5.99	<0.2	10.2	128	0.378	0.4	278
46979 (2342657)	<1	6.14	<5	22	189	<5	1.3	5.82	0.3	4.0	162	0.438	1.2	156
46980 (2342658)	<1	3.51	<5	22	34.9	<5	1.2	6.77	<0.2	2.1	109	0.284	1.9	104
46981 (2342659)	2	3.08	<5	21	<0.5	<5	1.1	5.46	0.2	1.8	93.5	0.221	<0.1	67
46982 (2342660)	3	3.79	<5	<20	<0.5	<5	0.8	5.62	<0.2	2.2	94.5	0.240	0.2	68

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733208

PROJECT: 2021 Surimeau DDH Batch 30

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Aug 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
46983 (2342661)	1	3.06	<5	25	<0.5	<5	1.0	4.33	<0.2	1.4	97.2	0.222	0.2	39
46984 (2342662)	1	3.14	<5	22	<0.5	<5	1.3	5.54	<0.2	1.7	96.0	0.222	0.3	45
46985 (2342663)	<1	3.96	<5	21	17.4	<5	0.7	5.75	<0.2	2.0	91.1	0.266	1.7	52
46986 (2342664)	1	3.35	<5	20	49.8	<5	0.7	7.62	<0.2	2.7	82.7	0.220	3.0	47
46987 (2342665)	2	6.11	<5	27	377	<5	2.5	8.30	<0.2	27.1	73.9	0.158	12.3	27
46988 (2342666)	2	4.59	<5	21	77.4	<5	0.7	6.89	<0.2	2.4	94.3	0.273	4.7	56
46989 (2342667)	<1	2.98	<5	<20	0.7	<5	0.6	5.82	<0.2	1.3	89.1	0.205	0.4	83
46990 (2342668)	<1	2.55	<5	23	<0.5	<5	1.4	4.67	<0.2	1.4	96.3	0.204	0.4	56
46991 (2342669)	2	2.67	<5	26	<0.5	<5	1.8	3.61	<0.2	1.3	94.8	0.197	0.2	52
46992 (2342670)	2	2.41	<5	29	<0.5	<5	1.7	3.44	<0.2	1.4	90.6	0.190	0.3	54
46993 (2342671)	<1	2.41	<5	25	<0.5	<5	1.5	3.45	<0.2	1.6	90.3	0.189	0.2	47
46994 (2342672)	<1	3.10	<5	22	<0.5	<5	0.9	3.96	<0.2	1.5	99.3	0.215	0.5	85
46995 C-DUP (2342673)	<1	3.21	<5	24	<0.5	<5	0.9	4.02	<0.2	1.3	93.9	0.218	0.6	86
46996 (2342674)	4	3.90	<5	22	661	<5	2.5	5.03	0.4	9.2	80.8	0.191	26.7	61
46997 (2342675)	<1	3.31	<5	<20	634	<5	6.7	5.20	<0.2	2.0	81.8	0.191	35.8	26
46998 (2342676)	1	3.03	<5	21	479	<5	1.1	4.94	0.2	1.6	83.8	0.198	34.2	116
46999 (2342677)	4	3.33	<5	<20	364	<5	1.3	4.40	<0.2	3.4	86.0	0.256	25.6	123
47000 (2342678)	<1	2.88	<5	22	3.0	<5	1.4	3.64	<0.2	1.8	92.7	0.210	0.6	54

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733208

PROJECT: 2021 Surimeau DDH Batch 30

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Aug 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
46951 (2342629)	2.35	1.34	1.14	3.77	19.8	3.37	1	4	0.53	<0.2	2.25	29.4	38	0.22
46952 (2342630)	0.44	0.28	<0.05	0.22	0.87	0.34	<1	<1	0.10	<0.2	0.05	1.3	<10	<0.05
46953 (2342631)	2.85	1.51	1.01	4.25	21.4	3.59	1	4	0.52	<0.2	2.19	31.2	42	0.17
46954 (2342632)	3.02	1.60	1.11	4.16	21.0	3.77	1	4	0.62	<0.2	2.13	31.0	35	0.25
46955 (2342633)	2.93	1.42	0.86	4.30	21.8	4.12	1	4	0.52	<0.2	2.16	33.2	40	0.24
46956 (2342634)	4.05	2.26	0.97	3.71	21.4	4.52	1	5	0.76	<0.2	2.29	35.7	39	0.35
46957 (2342635)	3.01	1.40	1.20	4.88	21.4	4.21	2	4	0.61	<0.2	2.42	30.6	42	0.20
46958 (2342636)	2.65	1.49	1.07	3.88	20.1	3.63	1	4	0.47	<0.2	1.97	30.1	37	0.20
46959 (2342637)	5.17	1.94	2.21	4.72	21.1	8.92	1	5	0.88	<0.2	1.32	46.3	27	0.27
46960 (2342638)	5.00	2.11	2.49	4.61	21.0	8.71	1	5	0.81	0.3	1.25	49.5	18	0.27
46961 (2342639)	3.43	2.14	1.52	5.72	26.2	4.15	1	4	0.75	0.8	0.90	37.9	24	0.30
46962 C-DUP (2342640)	3.53	2.00	1.93	5.92	27.0	4.17	1	4	0.73	0.7	0.87	36.9	25	0.36
46963 (2342641)	3.15	1.74	1.28	5.35	23.4	3.87	2	4	0.61	0.5	2.16	30.2	38	0.25
46964 (2342642)	4.70	2.04	2.58	5.40	21.8	7.34	2	5	0.75	0.2	0.85	59.8	22	0.26
46965 (2342643)	4.08	1.88	2.32	5.22	24.6	6.74	2	5	0.76	0.2	1.07	57.6	40	0.23
46966 (2342644)	3.34	2.04	1.33	5.59	26.0	4.37	1	4	0.68	0.2	2.55	34.5	51	0.21
46967 (2342645)	2.82	1.44	1.18	4.24	23.1	3.79	2	4	0.54	<0.2	1.71	34.9	52	0.21
46968 (2342646)	2.67	1.44	1.23	4.06	23.2	3.63	2	4	0.52	<0.2	1.69	29.4	40	0.25
46969 (2342647)	3.59	2.17	2.23	5.12	24.9	4.97	2	4	0.70	0.7	1.23	37.1	25	0.34
46970 (2342648)	3.96	2.13	2.02	7.79	27.5	4.73	2	4	0.82	1.6	0.28	31.3	<10	0.41
46971 (2342649)	4.34	2.42	2.26	8.16	29.1	4.66	1	4	0.82	1.3	0.23	27.9	<10	0.42
46972 (2342650)	0.32	0.18	<0.05	0.11	0.41	0.26	1	<1	0.06	<0.2	<0.05	1.3	<10	<0.05
46973 (2342651)	3.07	1.79	1.35	4.38	23.9	4.08	2	4	0.60	<0.2	2.42	31.1	51	0.23
46974 (2342652)	2.85	1.51	1.32	3.55	20.9	3.65	2	5	0.59	0.3	2.26	27.9	27	0.23
46975 (2342653)	2.81	1.65	1.40	3.97	22.8	3.56	2	4	0.53	0.2	1.26	30.5	21	0.24
46976 (2342654)	5.16	3.08	2.17	14.6	23.5	4.93	1	5	0.97	5.0	0.68	24.4	14	0.49
46977 (2342655)	2.92	1.78	0.80	10.9	18.8	2.19	4	1	0.67	0.2	0.34	5.3	23	0.24
46978 (2342656)	3.05	2.20	0.69	9.32	17.7	2.15	3	1	0.64	<0.2	0.35	5.0	15	0.31
46979 (2342657)	2.43	1.77	0.56	8.46	17.7	1.85	3	<1	0.58	<0.2	0.36	1.6	24	0.29
46980 (2342658)	1.96	1.28	0.42	7.85	12.6	1.30	4	<1	0.41	0.2	0.27	0.8	19	0.19
46981 (2342659)	1.36	0.96	0.16	6.96	7.82	0.97	3	<1	0.32	<0.2	0.05	0.7	<10	0.08
46982 (2342660)	1.27	0.97	0.14	7.87	8.61	1.10	3	<1	0.33	<0.2	<0.05	0.9	<10	0.14

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733208

PROJECT: 2021 Surimeau DDH Batch 30

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Aug 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
46983 (2342661)	1.19	0.81	0.15	7.22	7.47	0.85	3	<1	0.30	<0.2	<0.05	0.5	<10	0.10
46984 (2342662)	1.04	0.93	0.23	6.78	7.69	0.88	2	<1	0.26	<0.2	<0.05	0.7	<10	0.09
46985 (2342663)	1.70	1.01	0.25	8.22	9.41	1.25	2	<1	0.36	<0.2	0.16	0.5	<10	0.14
46986 (2342664)	1.67	1.10	0.29	7.40	8.67	1.21	3	<1	0.37	<0.2	0.34	1.2	<10	0.18
46987 (2342665)	3.32	1.97	1.53	8.64	14.2	3.31	2	2	0.66	<0.2	1.42	12.9	67	0.30
46988 (2342666)	1.94	1.16	0.38	8.58	10.7	1.38	2	<1	0.43	<0.2	0.47	0.9	<10	0.16
46989 (2342667)	1.13	0.82	0.17	6.52	7.74	0.76	2	<1	0.25	<0.2	<0.05	0.5	<10	0.13
46990 (2342668)	1.08	0.76	0.11	6.38	6.45	0.78	2	<1	0.25	<0.2	<0.05	0.4	<10	0.11
46991 (2342669)	1.12	0.65	0.06	6.60	6.58	0.70	2	<1	0.21	<0.2	<0.05	0.4	<10	0.08
46992 (2342670)	1.15	0.73	0.09	6.64	5.96	0.81	2	<1	0.25	<0.2	<0.05	0.5	<10	0.07
46993 (2342671)	1.10	0.60	0.10	6.82	6.32	0.78	2	<1	0.23	<0.2	<0.05	0.6	<10	0.12
46994 (2342672)	1.18	0.88	0.16	6.98	9.31	0.98	3	<1	0.31	<0.2	<0.05	0.4	<10	0.11
46995 C-DUP (2342673)	1.36	0.85	0.20	7.07	8.46	0.93	3	<1	0.32	<0.2	<0.05	0.4	<10	0.10
46996 (2342674)	1.61	0.89	0.51	6.59	13.8	1.33	3	<1	0.29	<0.2	2.13	4.0	64	0.12
46997 (2342675)	1.17	0.60	0.06	6.21	15.3	0.84	3	<1	0.24	<0.2	2.95	0.7	94	0.10
46998 (2342676)	1.06	0.73	<0.05	6.31	10.6	0.78	4	<1	0.20	<0.2	2.80	0.5	75	0.09
46999 (2342677)	1.38	0.81	0.17	6.85	11.2	1.08	3	<1	0.29	<0.2	2.17	1.3	59	0.12
47000 (2342678)	1.22	0.78	0.10	6.97	7.60	0.81	3	<1	0.23	<0.2	<0.05	0.8	<10	0.08

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733208

PROJECT: 2021 Surimeau DDH Batch 30

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Aug 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
46951 (2342629)	1.56	572	11	6	24.5	75	0.05	23	6.74	87.9	0.28	<0.1	13	31.7
46952 (2342630)	1.27	93	<2	<1	1.2	<5	<0.01	<5	0.30	1.5	0.07	0.1	<5	4.22
46953 (2342631)	1.87	598	11	7	25.6	89	0.06	23	7.29	91.9	0.24	<0.1	15	31.2
46954 (2342632)	1.80	625	9	7	26.5	84	0.06	12	7.10	93.5	0.28	<0.1	15	31.5
46955 (2342633)	1.86	659	11	7	28.1	91	0.05	12	7.82	95.0	0.22	<0.1	15	31.2
46956 (2342634)	1.71	528	13	9	32.3	74	0.05	32	8.50	98.1	0.21	<0.1	13	32.0
46957 (2342635)	2.90	799	10	6	28.4	106	0.09	12	7.47	115	0.25	<0.1	18	29.5
46958 (2342636)	1.74	548	16	6	25.3	81	0.05	17	7.01	82.5	0.26	<0.1	13	30.9
46959 (2342637)	2.49	763	19	10	55.3	59	0.17	43	13.2	52.5	1.55	<0.1	19	29.1
46960 (2342638)	2.45	716	36	9	58.9	78	0.16	41	14.4	46.9	1.82	<0.1	17	29.2
46961 (2342639)	1.12	476	111	8	29.7	202	0.05	80	8.30	38.8	3.22	<0.1	14	31.2
46962 C-DUP (2342640)	1.10	498	117	8	29.9	214	0.05	82	8.28	39.7	3.38	<0.1	14	30.7
46963 (2342641)	1.66	502	11	6	26.8	162	0.06	52	7.66	75.0	2.78	<0.1	19	27.6
46964 (2342642)	3.69	1060	7	7	60.1	73	0.17	20	15.3	32.6	2.17	<0.1	19	26.8
46965 (2342643)	3.21	845	11	7	54.8	71	0.14	21	14.0	47.2	2.09	<0.1	18	27.2
46966 (2342644)	2.19	485	7	6	32.9	126	0.07	31	8.53	68.7	2.62	<0.1	20	27.2
46967 (2342645)	2.18	504	6	7	29.8	94	0.06	34	8.28	57.2	1.90	<0.1	17	28.7
46968 (2342646)	1.62	492	8	6	25.7	93	0.06	26	7.22	58.1	2.11	<0.1	15	30.2
46969 (2342647)	1.96	673	162	7	37.8	145	0.10	92	9.91	44.1	2.75	<0.1	18	28.3
46970 (2342648)	1.03	457	98	12	31.3	295	0.06	17	7.76	4.0	4.59	<0.1	19	27.4
46971 (2342649)	1.05	462	533	14	30.1	315	0.09	27	7.97	4.0	4.79	<0.1	20	28.3
46972 (2342650)	1.67	106	<2	<1	0.9	<5	<0.01	14	0.27	1.5	0.10	<0.1	<5	4.19
46973 (2342651)	1.68	373	13	7	29.5	101	0.06	53	7.35	108	2.14	<0.1	17	28.6
46974 (2342652)	0.89	442	12	7	25.2	84	0.05	41	6.71	74.6	1.92	<0.1	13	31.5
46975 (2342653)	1.36	641	18	6	26.3	117	0.05	26	7.26	63.1	2.21	<0.1	15	30.3
46976 (2342654)	0.93	1190	23	6	25.0	1190	0.02	45	6.39	32.0	9.12	<0.1	18	23.6
46977 (2342655)	4.00	4410	11	2	6.1	1420	0.01	26	1.46	14.6	4.95	<0.1	39	22.8
46978 (2342656)	4.53	4190	6	2	5.7	1710	0.03	30	1.31	15.0	4.34	<0.1	36	23.5
46979 (2342657)	5.32	3580	3	<1	3.4	2150	<0.01	34	0.64	16.1	3.54	<0.1	42	23.8
46980 (2342658)	12.1	2270	<2	<1	2.1	1310	0.01	5	0.41	9.7	1.02	<0.1	27	22.4
46981 (2342659)	14.9	1210	<2	<1	1.7	1280	<0.01	<5	0.28	<0.2	1.11	<0.1	21	21.3
46982 (2342660)	14.4	1360	<2	<1	2.2	1080	<0.01	<5	0.32	0.5	1.20	<0.1	24	18.4

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733208

PROJECT: 2021 Surimeau DDH Batch 30

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Aug 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
46983 (2342661)	15.8	1300	<2	<1	1.2	1340	<0.01	<5	0.26	0.8	0.31	<0.1	21	20.3
46984 (2342662)	15.6	1200	<2	<1	1.5	1390	<0.01	9	0.38	0.7	0.29	<0.1	20	18.5
46985 (2342663)	14.0	1400	<2	<1	2.0	893	<0.01	7	0.31	6.9	0.48	<0.1	28	19.8
46986 (2342664)	12.7	1610	<2	<1	1.9	826	<0.01	7	0.46	17.2	0.38	<0.1	24	19.7
46987 (2342665)	8.22	1800	<2	2	15.7	617	0.10	12	3.65	60.8	0.04	<0.1	32	20.0
46988 (2342666)	12.2	1560	<2	<1	1.9	765	0.01	8	0.51	22.4	0.30	<0.1	32	19.7
46989 (2342667)	14.5	986	<2	<1	1.2	1230	<0.01	6	0.24	1.1	0.48	<0.1	19	22.2
46990 (2342668)	15.9	1040	<2	<1	1.5	1500	<0.01	9	0.20	0.5	0.24	<0.1	18	19.9
46991 (2342669)	16.8	1090	<2	<1	1.1	1500	<0.01	<5	0.26	0.3	0.20	<0.1	18	19.1
46992 (2342670)	17.3	1100	<2	<1	1.6	1430	<0.01	<5	0.18	0.6	0.19	<0.1	18	19.5
46993 (2342671)	17.1	1240	<2	<1	1.1	1340	<0.01	<5	0.22	<0.2	0.23	<0.1	18	20.0
46994 (2342672)	16.3	1160	<2	<1	1.5	1270	<0.01	13	0.26	1.0	0.83	<0.1	21	21.6
46995 C-DUP (2342673)	15.9	1180	<2	<1	1.7	1320	<0.01	<5	0.23	0.7	0.82	<0.1	22	21.9
46996 (2342674)	12.7	1120	<2	2	5.1	1060	0.01	<5	1.23	108	0.42	<0.1	20	22.9
46997 (2342675)	12.8	1130	<2	1	1.8	1140	<0.01	<5	0.37	156	0.02	<0.1	19	23.7
46998 (2342676)	13.5	1080	<2	<1	1.6	1100	<0.01	13	0.25	156	0.55	<0.1	20	23.5
46999 (2342677)	14.6	1070	<2	<1	2.4	1170	<0.01	<5	0.47	117	1.29	<0.1	21	22.5
47000 (2342678)	16.7	1280	<2	<1	1.3	1360	<0.01	<5	0.22	1.4	0.78	<0.1	20	20.1

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733208

PROJECT: 2021 Surimeau DDH Batch 30

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Aug 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
46951 (2342629)	4.6	<1	361	0.6	0.46	8.4	0.32	<0.5	0.21	2.57	88	<1	13.3	1.4
46952 (2342630)	0.3	<1	79.9	<0.5	0.06	0.2	0.02	<0.5	<0.05	0.22	<5	1	3.0	0.2
46953 (2342631)	5.1	<1	332	0.7	0.49	8.5	0.36	0.5	0.22	2.63	106	<1	15.2	1.4
46954 (2342632)	4.7	<1	306	0.8	0.50	8.4	0.35	0.5	0.22	2.60	101	<1	16.3	1.6
46955 (2342633)	5.1	<1	383	0.7	0.55	8.5	0.36	0.6	0.20	2.61	104	<1	14.0	1.6
46956 (2342634)	6.0	<1	300	0.9	0.64	10.6	0.31	0.6	0.32	3.21	85	<1	21.5	2.2
46957 (2342635)	5.6	<1	338	0.7	0.54	7.8	0.40	0.7	0.22	2.25	125	<1	16.1	1.6
46958 (2342636)	4.5	<1	345	0.6	0.47	7.8	0.33	0.5	0.24	2.49	93	<1	14.3	1.5
46959 (2342637)	12.4	<1	1000	0.9	1.08	9.0	0.37	0.9	0.29	3.42	112	<1	23.1	1.9
46960 (2342638)	11.4	2	914	0.8	1.03	9.7	0.35	1.0	0.31	3.84	105	<1	23.6	1.9
46961 (2342639)	5.3	1	566	0.6	0.60	8.1	0.27	1.0	0.28	5.09	61	1	17.9	2.1
46962 C-DUP (2342640)	5.3	2	600	0.6	0.59	8.0	0.26	1.0	0.26	4.84	60	1	19.1	2.3
46963 (2342641)	5.7	2	202	0.7	0.54	8.1	0.34	2.1	0.25	2.21	115	<1	17.1	1.8
46964 (2342642)	10.6	4	1030	0.5	0.86	9.6	0.43	0.6	0.24	2.51	168	<1	19.5	1.7
46965 (2342643)	9.7	2	876	0.8	0.81	9.2	0.40	1.1	0.29	2.62	173	<1	20.6	1.8
46966 (2342644)	5.5	3	281	0.7	0.59	9.0	0.37	1.7	0.25	2.84	131	1	17.6	1.7
46967 (2342645)	5.2	2	301	0.7	0.52	8.5	0.36	1.2	0.24	2.45	113	<1	16.0	1.6
46968 (2342646)	4.8	1	197	0.7	0.50	8.2	0.35	1.9	0.23	2.46	103	<1	14.9	1.6
46969 (2342647)	7.2	4	648	0.6	0.64	8.3	0.34	1.4	0.31	3.37	106	2	21.6	2.0
46970 (2342648)	5.7	1	218	0.8	0.67	10.0	0.26	<0.5	0.33	4.02	151	<1	23.6	2.3
46971 (2342649)	6.2	2	164	0.8	0.70	10.9	0.26	<0.5	0.40	6.62	151	<1	23.2	2.8
46972 (2342650)	0.4	<1	74.0	<0.5	<0.05	0.1	<0.01	<0.5	<0.05	0.13	<5	<1	2.5	0.1
46973 (2342651)	5.6	4	156	0.7	0.55	8.7	0.35	4.9	0.25	2.63	113	<1	16.4	1.8
46974 (2342652)	4.4	4	157	0.7	0.49	8.6	0.31	3.5	0.23	2.84	99	<1	17.8	1.4
46975 (2342653)	4.2	2	169	0.7	0.49	8.6	0.34	3.0	0.23	2.52	100	<1	14.1	1.5
46976 (2342654)	5.9	2	132	0.7	0.75	4.7	0.36	1.3	0.47	1.67	81	<1	27.5	3.0
46977 (2342655)	2.0	12	189	<0.5	0.37	1.0	0.34	0.5	0.28	0.37	231	<1	15.7	1.8
46978 (2342656)	1.9	21	214	<0.5	0.38	0.8	0.32	<0.5	0.33	0.28	207	<1	18.2	2.0
46979 (2342657)	1.4	11	245	<0.5	0.34	0.1	0.33	<0.5	0.25	<0.05	236	<1	15.4	1.7
46980 (2342658)	0.5	7	41.2	<0.5	0.23	<0.1	0.23	<0.5	0.15	0.05	168	<1	10.1	1.1
46981 (2342659)	0.6	<1	43.5	<0.5	0.17	<0.1	0.18	<0.5	0.15	<0.05	117	<1	8.0	0.9
46982 (2342660)	1.1	<1	110	<0.5	0.21	<0.1	0.20	<0.5	0.12	<0.05	144	<1	8.9	1.0

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733208

PROJECT: 2021 Surimeau DDH Batch 30

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Aug 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
46983 (2342661)	0.4	<1	118	<0.5	0.16	<0.1	0.17	<0.5	0.12	<0.05	111	<1	6.7	0.7
46984 (2342662)	0.5	<1	214	<0.5	0.15	<0.1	0.17	<0.5	0.09	<0.05	114	<1	6.7	0.8
46985 (2342663)	0.8	<1	85.2	<0.5	0.23	<0.1	0.23	<0.5	0.13	0.15	160	<1	10.3	1.2
46986 (2342664)	1.1	<1	147	<0.5	0.21	<0.1	0.19	<0.5	0.17	<0.05	138	<1	9.7	1.1
46987 (2342665)	3.5	1	410	<0.5	0.49	3.0	0.37	1.0	0.27	1.32	213	<1	18.6	1.9
46988 (2342666)	1.0	<1	130	<0.5	0.26	<0.1	0.27	<0.5	0.18	<0.05	179	<1	12.5	1.2
46989 (2342667)	0.6	<1	52.0	<0.5	0.14	<0.1	0.16	<0.5	0.10	<0.05	103	<1	6.2	0.7
46990 (2342668)	0.3	<1	206	<0.5	0.14	<0.1	0.14	<0.5	0.11	<0.05	93	<1	5.6	0.6
46991 (2342669)	0.4	<1	256	<0.5	0.14	<0.1	0.14	<0.5	0.09	<0.05	95	<1	5.8	0.6
46992 (2342670)	0.8	<1	260	<0.5	0.15	<0.1	0.14	<0.5	0.12	<0.05	91	<1	6.1	0.7
46993 (2342671)	0.7	<1	246	1.8	0.13	<0.1	0.13	<0.5	0.08	<0.05	87	<1	5.7	0.7
46994 (2342672)	0.6	<1	65.1	<0.5	0.18	<0.1	0.17	<0.5	0.13	<0.05	112	<1	8.3	0.8
46995 C-DUP (2342673)	0.8	<1	65.1	<0.5	0.16	<0.1	0.18	<0.5	0.11	<0.05	118	<1	8.4	0.8
46996 (2342674)	1.4	<1	233	<0.5	0.22	0.9	0.19	1.3	0.11	0.24	117	<1	8.6	0.7
46997 (2342675)	0.9	<1	43.3	<0.5	0.15	0.1	0.17	2.0	0.10	0.10	104	<1	6.1	0.8
46998 (2342676)	0.5	<1	39.0	<0.5	0.14	<0.1	0.16	1.7	0.11	0.12	100	<1	5.9	0.6
46999 (2342677)	1.0	<1	35.1	<0.5	0.18	0.2	0.18	1.4	0.12	0.15	120	<1	7.3	0.9
47000 (2342678)	0.7	<1	193	<0.5	0.15	<0.1	0.16	<0.5	0.10	<0.05	104	<1	6.9	0.7

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733208

PROJECT: 2021 Surimeau DDH Batch 30

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Aug 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
46951 (2342629)	79	157
46952 (2342630)	8	6.7
46953 (2342631)	85	157
46954 (2342632)	122	167
46955 (2342633)	167	146
46956 (2342634)	94	155
46957 (2342635)	107	156
46958 (2342636)	83	154
46959 (2342637)	243	185
46960 (2342638)	564	191
46961 (2342639)	4030	138
46962 C-DUP (2342640)	4270	129
46963 (2342641)	1880	134
46964 (2342642)	306	180
46965 (2342643)	230	178
46966 (2342644)	844	144
46967 (2342645)	145	138
46968 (2342646)	170	166
46969 (2342647)	2130	156
46970 (2342648)	5750	147
46971 (2342649)	6360	141
46972 (2342650)	8	3.0
46973 (2342651)	281	145
46974 (2342652)	395	192
46975 (2342653)	865	150
46976 (2342654)	12100	183
46977 (2342655)	252	42.7
46978 (2342656)	180	36.3
46979 (2342657)	274	31.3
46980 (2342658)	171	23.2
46981 (2342659)	72	15.3
46982 (2342660)	67	15.8

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733208

PROJECT: 2021 Surimeau DDH Batch 30

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Aug 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
46983 (2342661)	64	17.0
46984 (2342662)	51	17.1
46985 (2342663)	87	19.1
46986 (2342664)	79	16.8
46987 (2342665)	92	63.5
46988 (2342666)	70	25.7
46989 (2342667)	46	13.5
46990 (2342668)	50	12.7
46991 (2342669)	52	13.0
46992 (2342670)	50	14.1
46993 (2342671)	61	13.3
46994 (2342672)	51	16.8
46995 C-DUP (2342673)	54	15.7
46996 (2342674)	151	30.7
46997 (2342675)	106	15.3
46998 (2342676)	55	14.9
46999 (2342677)	65	16.3
47000 (2342678)	63	16.0

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733208

PROJECT: 2021 Surimeau DDH Batch 30

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Aug 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
46951 (2342629)	82.39
46970 (2342648)	81.87
46990 (2342668)	81.42

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733208

PROJECT: 2021 Surimeau DDH Batch 30

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Aug 27, 2021 | SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
46951 (2342629)		85.92
46969 (2342647)		86.75
46988 (2342666)		85.39

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O733208

PROJECT: 2021 Surimeau DDH Batch 30

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2342629	1	< 1		2342643	< 1	< 1	0.0%	2342654	2	2	0.0%	2342669	2	< 1	
Al	2342629	8.08	8.24	2.0%	2342643	8.39	8.37	0.2%	2342654	7.10	6.93	2.4%	2342669	2.67	2.66	0.4%
As	2342629	< 5	< 5	0.0%	2342643	< 5	< 5	0.0%	2342654	< 5	< 5	0.0%	2342669	< 5	< 5	0.0%
B	2342629	< 20	< 20	0.0%	2342643	20	21	4.9%	2342654	31	33	6.3%	2342669	26	26	0.0%
Ba	2342629	782	788	0.8%	2342643	821	806	1.8%	2342654	741	718	3.2%	2342669	< 0.5	< 0.5	0.0%
Be	2342629	< 5	< 5	0.0%	2342643	< 5	< 5	0.0%	2342654	< 5	< 5	0.0%	2342669	< 5	< 5	0.0%
Bi	2342629	0.26	0.24	8.0%	2342643	0.37	0.30	20.9%	2342654	4.02	4.08	1.5%	2342669	1.80	1.89	4.9%
Ca	2342629	1.64	1.66	1.2%	2342643	3.52	3.52	0.0%	2342654	1.85	1.87	1.1%	2342669	3.61	3.61	0.0%
Cd	2342629	< 0.2	< 0.2	0.0%	2342643	< 0.2	< 0.2	0.0%	2342654	24.0	25.7	6.8%	2342669	< 0.2	< 0.2	0.0%
Ce	2342629	60.6	58.8	3.0%	2342643	118	118	0.0%	2342654	51.0	50.6	0.8%	2342669	1.3	1.2	8.0%
Co	2342629	23.5	23.6	0.4%	2342643	28.6	28.0	2.1%	2342654	169	178	5.2%	2342669	94.8	94.6	0.2%
Cr	2342629	0.028	0.028	0.0%	2342643	0.025	0.025	0.0%	2342654	0.0170	0.0178	4.6%	2342669	0.197	0.194	1.5%
Cs	2342629	3.89	3.74	3.9%	2342643	2.17	2.00	8.2%	2342654	1.60	1.54	3.8%	2342669	0.2	0.3	
Cu	2342629	51	53	3.8%	2342643	171	168	1.8%	2342654	1040	1040	0.0%	2342669	52	52	0.0%
Dy	2342629	2.35	2.47	5.0%	2342643	4.08	4.23	3.6%	2342654	5.16	4.94	4.4%	2342669	1.12	1.05	6.5%
Er	2342629	1.34	1.55	14.5%	2342643	1.88	1.79	4.9%	2342654	3.08	2.92	5.3%	2342669	0.649	0.657	1.2%
Eu	2342629	1.14	1.08	5.4%	2342643	2.32	2.17	6.7%	2342654	2.17	2.19	0.9%	2342669	0.06	0.10	
Fe	2342629	3.77	3.88	2.9%	2342643	5.22	5.20	0.4%	2342654	14.6	15.3	4.7%	2342669	6.60	6.57	0.5%
Ga	2342629	19.8	19.9	0.5%	2342643	24.6	24.3	1.2%	2342654	23.5	22.6	3.9%	2342669	6.58	6.60	0.3%
Gd	2342629	3.37	3.42	1.5%	2342643	6.74	6.63	1.6%	2342654	4.93	4.67	5.4%	2342669	0.697	0.706	1.3%
Ge	2342629	1	1	0.0%	2342643	2	2	0.0%	2342654	1	1	0.0%	2342669	2	2	0.0%
Hf	2342629	4	4	0.0%	2342643	5	4	22.2%	2342654	5	5	0.0%	2342669	< 1	< 1	0.0%
Ho	2342629	0.525	0.484	8.1%	2342643	0.76	0.76	0.0%	2342654	0.973	1.08	10.4%	2342669	0.212	0.228	7.3%
In	2342629	< 0.2	< 0.2	0.0%	2342643	0.2	0.2	0.0%	2342654	5.0	5.1	2.0%	2342669	< 0.2	< 0.2	0.0%
K	2342629	2.25	2.29	1.8%	2342643	1.07	1.07	0.0%	2342654	0.681	0.686	0.7%	2342669	< 0.05	< 0.05	0.0%
La	2342629	29.4	28.9	1.7%	2342643	57.6	56.3	2.3%	2342654	24.4	24.0	1.7%	2342669	0.42	0.50	17.4%
Li	2342629	38	30	23.5%	2342643	40	38	5.1%	2342654	14	16	13.3%	2342669	< 10	< 10	0.0%
Lu	2342629	0.218	0.194	11.7%	2342643	0.23	0.28	19.6%	2342654	0.49	0.53	7.8%	2342669	0.08	0.12	
Mg	2342629	1.56	1.61	3.2%	2342643	3.21	3.23	0.6%	2342654	0.93	0.92	1.1%	2342669	16.8	17.1	1.8%
Mn	2342629	572	578	1.0%	2342643	845	844	0.1%	2342654	1190	1250	4.9%	2342669	1090	1090	0.0%
Mo	2342629	11	11	0.0%	2342643	11	10	9.5%	2342654	23	21	9.1%	2342669	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2342629	6	6	0.0%	2342643	7	7	0.0%	2342654	6	6	0.0%	2342669	< 1	< 1	0.0%
Nd	2342629	24.5	23.8	2.9%	2342643	54.8	54.6	0.4%	2342654	25.0	25.2	0.8%	2342669	1.1	1.2	8.7%
Ni	2342629	75	78	3.9%	2342643	71	72	1.4%	2342654	1190	1240	4.1%	2342669	1500	1450	3.4%
P	2342629	0.05	0.05	0.0%	2342643	0.14	0.14	0.0%	2342654	0.02	0.02	0.0%	2342669	< 0.01	< 0.01	0.0%
Pb	2342629	23	17		2342643	21	28	28.6%	2342654	45	46	2.2%	2342669	< 5	< 5	0.0%
Pr	2342629	6.74	6.54	3.0%	2342643	14.0	14.2	1.4%	2342654	6.39	6.26	2.1%	2342669	0.256	0.249	2.8%
Rb	2342629	87.9	89.1	1.4%	2342643	47.2	45.2	4.3%	2342654	32.0	30.2	5.8%	2342669	0.3	0.7	
S	2342629	0.277	0.272	1.8%	2342643	2.09	2.06	1.4%	2342654	9.12	9.64	5.5%	2342669	0.20	0.20	0.0%
Sb	2342629	< 0.1	< 0.1	0.0%	2342643	< 0.1	< 0.1	0.0%	2342654	< 0.1	< 0.1	0.0%	2342669	< 0.1	< 0.1	0.0%
Sc	2342629	13	13	0.0%	2342643	18	18	0.0%	2342654	18	17	5.7%	2342669	18	18	0.0%
Si	2342629	31.7	31.8	0.3%	2342643	27.2	27.2	0.0%	2342654	23.6	23.2	1.7%	2342669	19.1	19.1	0.0%
Sm	2342629	4.6	4.5	2.2%	2342643	9.66	9.12	5.8%	2342654	5.86	5.34	9.3%	2342669	0.4	0.6	
Sn	2342629	< 1	< 1	0.0%	2342643	2	3		2342654	2	3		2342669	< 1	< 1	0.0%
Sr	2342629	361	356	1.4%	2342643	876	875	0.1%	2342654	132	130	1.5%	2342669	256	257	0.4%
Ta	2342629	0.65	0.71	8.8%	2342643	0.75	0.63	17.4%	2342654	0.7	0.7	0.0%	2342669	< 0.5	< 0.5	0.0%
Tb	2342629	0.46	0.45	2.2%	2342643	0.810	0.795	1.9%	2342654	0.749	0.712	5.1%	2342669	0.14	0.14	0.0%
Th	2342629	8.4	8.3	1.2%	2342643	9.2	9.4	2.2%	2342654	4.7	4.4	6.6%	2342669	< 0.1	< 0.1	0.0%
Ti	2342629	0.321	0.330	2.8%	2342643	0.404	0.407	0.7%	2342654	0.356	0.352	1.1%	2342669	0.14	0.14	0.0%
Tl	2342629	0.5	0.5	0.0%	2342643	1.1	1.1	0.0%	2342654	1.27	1.36	6.8%	2342669	< 0.5	< 0.5	0.0%
Tm	2342629	0.21	0.21	0.0%	2342643	0.286	0.244	15.8%	2342654	0.47	0.47	0.0%	2342669	0.088	0.081	8.3%
U	2342629	2.57	2.56	0.4%	2342643	2.62	2.62	0.0%	2342654	1.67	1.55	7.5%	2342669	< 0.05	< 0.05	0.0%
V	2342629	88	90	2.2%	2342643	173	168	2.9%	2342654	81	79	2.5%	2342669	95	94	1.1%
W	2342629	< 1	< 1	0.0%	2342643	< 1	< 1	0.0%	2342654	< 1	< 1	0.0%	2342669	< 1	< 1	0.0%
Y	2342629	13.3	13.3	0.0%	2342643	20.6	20.8	1.0%	2342654	27.5	29.0	5.3%	2342669	5.82	5.63	3.3%
Yb	2342629	1.4	1.4	0.0%	2342643	1.75	1.73	1.1%	2342654	3.0	3.0	0.0%	2342669	0.61	0.67	9.4%
Zn	2342629	79	80	1.3%	2342643	230	235	2.2%	2342654	12100	12700	4.8%	2342669	52	49	5.9%
Zr	2342629	157	159	1.3%	2342643	178	175	1.7%	2342654	183	175	4.5%	2342669	13.0	11.6	11.4%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O733208

PROJECT: 2021 Surimeau DDH Batch 30

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.37	99%	90% - 110%					6.94	7.07	102%	90% - 110%	13.0	12.9	100%	90% - 110%
As	26	28	107%	90% - 110%												
Ba	540	538	100%	90% - 110%									1310	1322	101%	90% - 110%
Be	4.0	4.6	115%	90% - 110%												
Ca	0.907	0.89	98%	90% - 110%					4.01	4.05	101%	90% - 110%	1.42	1.38	97%	90% - 110%
Ce	98	102	104%	90% - 110%	58.2	61.5	105%	90% - 110%								
Co	15	15	101%	90% - 110%												
Cu	150	153	102%	90% - 110%												
Er	3.7	4.3	116%	90% - 110%												
Fe	3.77	3.91	104%	90% - 110%					7.56	7.95	105%	90% - 110%	3.27	3.35	103%	90% - 110%
Ga					22.6	24.5	108%	90% - 110%								
Hf	11	11	98%	90% - 110%												
K	2.55	2.47	97%	90% - 110%					2.02	2.01	100%	90% - 110%	3.68	3.74	102%	90% - 110%
La	44	45	102%	90% - 110%	27.5	28.2	102%	90% - 110%								
Li	47	51	108%	90% - 110%									65.0	65	100%	90% - 110%
Lu	0.6	0.6	102%	90% - 110%												
Mg	1.1	1.1	105%	90% - 110%					2.41	2.55	106%	90% - 110%				
Mn	780	792	102%	90% - 110%												
Mo	14	14	98%	90% - 110%												
Nb	20	20	102%	90% - 110%	22.6	23.4	104%	90% - 110%								
Nd					27.3	28.4	104%	90% - 110%								
Ni	32	34	108%	90% - 110%												
P													0.061	0.057	93%	90% - 110%
Rb	144	155	107%	90% - 110%	85.4	90.4	105%	90% - 110%								
Sb	0.8	1	125%	90% - 110%												
Sc	12	13	104%	90% - 110%												
Si	28.4	29.1	102%	90% - 110%					23.65	24.64	104%	90% - 110%	24.4	25	103%	90% - 110%
Sm	7.4	8.4	114%	90% - 110%												
Sr	144	151	105%	90% - 110%									310	319	103%	90% - 110%
Tb	1.2	1.2	97%	90% - 110%												
Th	18.4	18.9	102%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Ti	0.527	0.521	99%	90% - 110%									0.222	0.217	98%	90% - 110%
U	5.7	6	106%	90% - 110%												
V	77	74	96%	90% - 110%												
W	5	6	112%	90% - 110%												
Y	40	40	101%	90% - 110%	25.3	26.1	103%	90% - 110%								
Yb					2.66	3.1	117%	90% - 110%								
Zn	130	127	98%	90% - 110%									75.4	76.9	102%	90% - 110%
Zr	390	428	110%	90% - 110%	157	166	106%	90% - 110%								

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O733208

PROJECT: 2021 Surimeau DDH Batch 30

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC
AGAT WORK ORDER: 21O733208
PROJECT: 2021 Surimeau DDH Batch 30
ATTENTION TO: Francis Newton
SAMPLING SITE:
SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O733208

PROJECT: 2021 Surimeau DDH Batch 30

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 29

AGAT WORK ORDER: 21O733211

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Jul 23, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733211

PROJECT: 2021 Surimeau DDH Batch 29

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
46901 (2342689)	4.49
46902 (2342690)	0.86
46903 (2342691)	2.97
46904 (2342692)	4.19
46905 (2342693)	4.81
46906 (2342694)	4.38
46907 (2342695)	4.43
46908 (2342696)	4.43
46909 (2342697)	4.73
46910 (2342698)	3.99
46911 (2342699)	3.98
46912 D-DUP (2342700)	-
46913 (2342701)	4.46
46914 (2342702)	2.36
46915 (2342703)	2.21
46916 (2342704)	3.03
46917 (2342705)	4.61
46918 (2342706)	4.17
46919 (2342707)	4.37
46920 (2342708)	4.65
46921 (2342709)	3.94
46922 (2342710)	0.66
46923 (2342711)	4.40
46924 (2342712)	4.64
46925 (2342713)	3.05
46926 (2342714)	4.34
46927 (2342715)	4.52
46928 (2342716)	3.23
46929 (2342717)	3.31
46930 (2342718)	4.22
46931 (2342719)	3.24

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733211

PROJECT: 2021 Surimeau DDH Batch 29

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
46932 (2342720)	3.14
46933 (2342721)	4.49
46934 (2342722)	3.80
46935 (2342723)	4.12
46936 (2342724)	4.07
46937 (2342725)	4.18
46938 (2342726)	4.14
46939 (2342727)	4.24
46940 (2342728)	3.86
46941 (2342729)	2.41
46942 (2342730)	2.07
46943 (2342731)	4.26
46944 (2342732)	2.89
46945 C-DUP (2342733)	-
46946 (2342734)	3.09
46947 (2342735)	3.03
46948 (2342736)	3.98
46949 (2342737)	4.21
46950 (2342738)	4.43

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733211

PROJECT: 2021 Surimeau DDH Batch 29

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
46901 (2342689)	<1	8.19	<5	<20	607	<5	0.2	1.24	<0.2	61.3	22.8	0.037	4.8	42
46902 (2342690)	<1	0.06	<5	<20	18.7	<5	<0.1	35.9	<0.2	1.1	0.5	<0.005	<0.1	<5
46903 (2342691)	<1	8.58	<5	25	633	<5	0.2	1.18	<0.2	74.1	25.0	0.034	4.5	57
46904 (2342692)	<1	8.64	<5	31	585	<5	0.3	1.17	<0.2	77.4	26.0	0.033	3.9	58
46905 (2342693)	<1	8.45	<5	<20	737	<5	0.4	1.23	<0.2	64.4	25.5	0.041	4.1	54
46906 (2342694)	<1	8.21	<5	<20	644	<5	0.4	1.24	<0.2	61.0	22.5	0.035	4.3	44
46907 (2342695)	<1	8.83	<5	<20	1150	<5	0.2	1.45	<0.2	83.1	25.0	0.035	5.4	48
46908 (2342696)	<1	8.77	<5	<20	850	<5	0.4	1.23	<0.2	72.2	24.6	0.032	5.3	48
46909 (2342697)	<1	8.27	<5	<20	845	<5	0.2	2.28	<0.2	69.0	23.0	0.030	4.1	60
46910 (2342698)	<1	8.26	<5	<20	722	<5	0.2	1.33	<0.2	59.6	22.9	0.028	6.1	43
46911 (2342699)	<1	8.08	<5	<20	610	<5	0.4	2.27	<0.2	62.5	23.6	0.042	4.7	51
46912 D-DUP (2342700)	<1	7.98	<5	<20	592	<5	0.5	2.31	0.2	66.4	25.0	0.040	5.4	51
46913 (2342701)	<1	8.67	<5	<20	835	<5	0.6	1.90	0.3	65.0	27.0	0.038	5.7	54
46914 (2342702)	<1	9.11	<5	<20	861	<5	0.3	1.83	<0.2	64.7	25.4	0.033	5.5	49
46915 (2342703)	<1	7.78	<5	<20	616	<5	0.3	1.91	<0.2	61.7	22.2	0.037	3.6	47
46916 (2342704)	<1	9.10	<5	39	679	<5	0.3	1.19	0.3	73.5	25.5	0.036	6.8	45
46917 (2342705)	<1	8.93	<5	<20	966	<5	0.2	1.26	<0.2	66.0	22.1	0.031	4.1	44
46918 (2342706)	<1	8.25	<5	<20	924	<5	0.2	1.36	<0.2	58.4	17.6	0.025	3.5	34
46919 (2342707)	<1	8.49	<5	<20	560	<5	0.2	1.25	0.2	56.5	24.2	0.037	6.4	51
46920 (2342708)	<1	8.57	<5	<20	873	<5	0.3	1.51	<0.2	67.4	22.6	0.035	5.5	69
46921 (2342709)	<1	8.30	<5	<20	840	<5	0.2	1.12	<0.2	64.9	24.3	0.038	4.6	43
46922 (2342710)	<1	0.07	<5	<20	25.9	<5	<0.1	36.4	<0.2	1.1	<0.5	<0.005	<0.1	<5
46923 (2342711)	<1	8.08	<5	<20	1050	<5	0.3	1.46	<0.2	57.1	16.2	0.024	3.2	31
46924 (2342712)	<1	8.56	<5	<20	627	<5	0.3	1.20	<0.2	63.7	23.7	0.032	5.3	45
46925 (2342713)	<1	8.44	<5	<20	406	<5	0.4	1.29	<0.2	63.8	22.0	0.030	4.5	57
46926 (2342714)	<1	8.34	<5	<20	1010	<5	0.2	1.38	<0.2	64.5	21.3	0.028	3.6	40
46927 (2342715)	<1	8.54	<5	<20	988	<5	0.2	1.36	<0.2	62.3	21.4	0.031	5.1	48
46928 (2342716)	<1	7.61	<5	<20	1420	<5	<0.1	1.36	<0.2	55.8	14.2	0.029	2.5	32
46929 (2342717)	<1	7.87	<5	<20	735	<5	0.1	2.27	<0.2	60.4	24.1	0.031	2.8	40
46930 (2342718)	<1	8.35	<5	<20	723	<5	0.1	1.73	<0.2	51.7	23.2	0.030	3.3	34
46931 (2342719)	<1	8.80	<5	<20	761	<5	0.1	1.19	<0.2	61.1	24.9	0.030	4.6	45
46932 (2342720)	<1	8.59	<5	<20	943	<5	0.1	1.26	<0.2	58.8	24.5	0.034	5.0	46

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733211

PROJECT: 2021 Surimeau DDH Batch 29

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
46933 (2342721)	1	8.58	<5	<20	661	<5	0.3	1.59	<0.2	61.4	24.4	0.033	5.9	48
46934 (2342722)	<1	8.10	<5	<20	695	<5	0.4	2.13	<0.2	71.9	23.4	0.032	2.7	44
46935 (2342723)	<1	7.92	<5	<20	689	<5	0.3	1.67	0.4	59.1	22.6	0.036	3.5	48
46936 (2342724)	<1	8.30	<5	<20	656	<5	0.3	1.59	<0.2	62.0	25.0	0.032	4.2	55
46937 (2342725)	<1	8.61	<5	<20	694	<5	0.3	1.53	0.2	61.0	23.7	0.033	5.2	50
46938 (2342726)	<1	8.02	<5	<20	655	<5	0.4	2.82	0.3	63.2	27.3	0.041	4.4	67
46939 (2342727)	<1	8.73	<5	<20	758	<5	0.3	1.42	<0.2	64.8	25.3	0.035	5.1	49
46940 (2342728)	<1	8.30	<5	<20	585	<5	0.2	1.49	<0.2	59.4	23.8	0.035	5.0	52
46941 (2342729)	<1	8.13	<5	<20	568	<5	0.2	1.29	0.6	60.7	22.7	0.034	5.5	50
46942 (2342730)	<1	8.00	<5	<20	591	<5	0.2	1.30	0.3	59.5	23.1	0.034	6.2	51
46943 (2342731)	<1	8.44	<5	<20	655	<5	0.2	1.42	0.2	60.9	23.5	0.030	5.8	53
46944 (2342732)	<1	7.92	<5	<20	936	<5	0.1	1.36	<0.2	62.0	34.7	0.055	9.0	46
46945 C-DUP (2342733)	<1	8.22	<5	<20	945	<5	0.2	1.43	<0.2	61.9	34.8	0.058	9.1	48
46946 (2342734)	<1	11.2	<5	<20	785	<5	0.2	2.06	<0.2	55.3	26.1	0.022	3.8	69
46947 (2342735)	<1	10.2	<5	<20	793	<5	0.2	1.61	0.4	73.7	35.8	0.034	7.9	86
46948 (2342736)	<1	8.24	<5	<20	1010	<5	0.2	1.82	<0.2	77.6	23.3	0.027	5.3	51
46949 (2342737)	<1	8.42	<5	<20	785	<5	0.2	1.56	<0.2	65.5	24.0	0.028	4.0	56
46950 (2342738)	<1	8.33	<5	<20	523	<5	0.2	1.21	<0.2	56.9	21.8	0.026	3.0	44

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733211

PROJECT: 2021 Surimeau DDH Batch 29

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
46901 (2342689)	2.46	1.18	0.88	3.97	20.3	2.98	1	4	0.45	<0.2	1.94	31.5	32	0.15
46902 (2342690)	0.08	0.11	<0.05	0.11	0.25	<0.05	<1	<1	<0.05	<0.2	<0.05	1.3	<10	<0.05
46903 (2342691)	2.94	1.83	1.15	4.37	22.0	3.79	1	4	0.56	<0.2	2.02	38.2	37	0.20
46904 (2342692)	2.74	1.76	1.44	4.41	22.0	3.77	1	4	0.54	<0.2	1.98	39.0	42	0.23
46905 (2342693)	2.87	1.27	1.09	4.44	21.2	3.15	1	4	0.57	<0.2	2.13	32.5	35	0.20
46906 (2342694)	2.33	1.41	1.22	3.94	20.1	3.18	1	4	0.50	<0.2	1.92	30.8	34	0.18
46907 (2342695)	2.97	1.46	1.30	4.53	22.4	4.36	1	4	0.58	<0.2	2.52	41.5	44	0.21
46908 (2342696)	2.58	1.72	1.01	4.49	21.5	3.22	1	4	0.59	<0.2	2.74	30.8	46	0.19
46909 (2342697)	2.25	1.48	1.24	3.99	21.4	3.49	1	4	0.52	<0.2	1.29	33.5	25	0.20
46910 (2342698)	2.10	1.30	1.06	4.02	21.4	3.21	1	3	0.49	<0.2	1.88	30.1	31	0.20
46911 (2342699)	2.43	1.29	1.24	4.39	19.9	3.32	2	4	0.52	<0.2	1.66	30.5	29	0.20
46912 D-DUP (2342700)	2.52	1.73	1.19	4.44	20.1	3.44	2	4	0.51	<0.2	1.60	31.4	27	0.22
46913 (2342701)	3.22	1.68	1.07	4.65	21.5	3.57	1	4	0.52	<0.2	2.55	31.8	45	0.18
46914 (2342702)	2.64	1.59	1.24	4.53	23.7	4.05	2	4	0.60	<0.2	2.25	33.9	43	0.19
46915 (2342703)	2.60	1.56	1.26	3.84	19.7	3.20	1	3	0.54	<0.2	1.66	32.7	31	0.21
46916 (2342704)	2.69	1.62	1.07	4.48	23.2	3.47	2	4	0.53	<0.2	2.54	35.8	41	0.24
46917 (2342705)	2.25	1.41	1.03	3.97	23.2	3.19	2	4	0.50	<0.2	2.46	32.2	41	0.17
46918 (2342706)	2.00	1.10	0.84	3.01	22.0	2.72	<1	4	0.39	<0.2	1.64	29.0	24	0.13
46919 (2342707)	2.67	1.70	0.93	4.34	21.2	3.40	1	4	0.58	<0.2	2.28	27.6	41	0.24
46920 (2342708)	2.93	1.69	1.15	4.29	22.4	3.81	1	4	0.58	<0.2	2.29	33.7	38	0.25
46921 (2342709)	2.59	1.71	1.06	4.11	21.5	3.44	1	3	0.50	<0.2	2.53	32.3	44	0.14
46922 (2342710)	0.07	0.18	<0.05	0.08	0.33	<0.05	1	<1	<0.05	<0.2	<0.05	1.3	<10	<0.05
46923 (2342711)	2.13	1.01	0.79	2.91	22.7	2.50	1	4	0.36	<0.2	1.83	28.2	29	0.12
46924 (2342712)	2.78	1.40	1.04	4.23	21.2	3.51	1	4	0.50	<0.2	2.33	32.0	45	0.18
46925 (2342713)	2.51	1.61	0.91	3.98	20.9	3.08	1	4	0.53	<0.2	2.09	32.2	39	0.23
46926 (2342714)	2.74	1.44	1.01	3.69	21.1	3.27	1	4	0.53	<0.2	2.13	31.2	37	0.19
46927 (2342715)	2.49	1.50	0.87	3.95	21.5	3.35	1	4	0.44	<0.2	2.15	31.0	37	0.16
46928 (2342716)	1.91	1.18	0.76	2.68	19.2	2.85	1	4	0.36	<0.2	1.58	28.2	18	0.17
46929 (2342717)	2.93	1.59	1.11	4.10	20.3	3.69	1	4	0.48	<0.2	1.32	29.6	24	0.21
46930 (2342718)	2.24	1.55	1.12	4.22	20.5	3.63	1	4	0.50	<0.2	1.80	25.1	36	0.21
46931 (2342719)	2.76	1.37	0.87	4.18	22.1	3.42	1	4	0.58	<0.2	2.53	30.3	54	0.19
46932 (2342720)	2.58	1.44	0.98	4.11	20.8	3.43	1	4	0.53	<0.2	2.13	29.4	46	0.17

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733211

PROJECT: 2021 Surimeau DDH Batch 29

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
46933 (2342721)	2.70	1.43	1.05	4.22	20.6	3.28	2	4	0.51	0.2	2.26	30.9	36	0.20
46934 (2342722)	2.74	1.66	1.05	4.15	19.8	3.85	2	4	0.53	<0.2	1.89	35.9	33	0.22
46935 (2342723)	2.57	1.39	1.14	3.89	20.1	2.77	1	4	0.49	<0.2	1.98	27.9	36	0.19
46936 (2342724)	2.61	1.59	1.26	4.07	21.4	3.22	1	4	0.55	<0.2	2.29	30.4	35	0.20
46937 (2342725)	2.60	1.58	1.11	4.21	21.6	3.06	1	4	0.58	<0.2	2.44	29.0	36	0.19
46938 (2342726)	2.94	1.80	1.12	4.57	20.9	3.93	2	4	0.66	<0.2	1.79	31.1	31	0.35
46939 (2342727)	2.74	1.53	1.15	4.36	22.6	3.78	1	4	0.60	<0.2	2.74	31.7	36	0.28
46940 (2342728)	2.53	1.47	0.98	4.26	21.7	3.09	1	4	0.51	<0.2	2.18	27.7	34	0.23
46941 (2342729)	2.42	1.52	1.08	4.07	20.4	3.43	1	4	0.52	<0.2	2.18	31.3	32	0.24
46942 (2342730)	2.42	1.57	0.96	3.95	20.2	3.05	1	4	0.55	<0.2	2.12	29.5	30	0.21
46943 (2342731)	2.38	1.36	1.10	4.13	21.5	3.60	1	4	0.55	<0.2	2.29	29.4	37	0.18
46944 (2342732)	2.56	1.58	0.98	5.13	24.0	3.83	1	3	0.51	0.2	3.34	29.5	57	0.17
46945 C-DUP (2342733)	2.80	1.64	1.14	5.33	24.4	3.72	2	4	0.58	<0.2	3.54	29.1	58	0.19
46946 (2342734)	2.42	1.48	1.34	4.07	24.0	2.69	1	4	0.43	<0.2	2.40	27.1	41	0.16
46947 (2342735)	3.15	1.90	1.36	5.86	25.7	4.42	1	4	0.69	<0.2	2.93	36.4	59	0.24
46948 (2342736)	3.27	1.47	1.68	4.15	26.6	22.6	5	4	2.54	1.4	2.15	3.8	34	0.59
46949 (2342737)	2.89	1.52	1.07	4.08	20.8	3.75	1	4	0.63	<0.2	2.03	32.1	30	0.19
46950 (2342738)	2.39	1.36	1.01	3.80	20.3	3.14	1	4	0.54	<0.2	1.90	28.9	26	0.17

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733211

PROJECT: 2021 Surimeau DDH Batch 29

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
46901 (2342689)	1.60	541	16	6	25.2	78	0.04	11	7.22	79.4	0.28	0.1	13	31.5
46902 (2342690)	1.44	106	<2	<1	1.0	<5	<0.01	<5	0.22	0.5	0.52	<0.1	<5	3.69
46903 (2342691)	1.72	551	13	7	32.2	90	0.03	9	8.14	79.6	0.24	<0.1	16	31.0
46904 (2342692)	1.65	586	11	7	33.3	86	0.03	9	9.03	80.3	0.24	<0.1	16	30.9
46905 (2342693)	1.69	559	17	7	27.6	92	0.05	10	7.24	90.5	0.25	<0.1	16	31.1
46906 (2342694)	1.49	524	14	7	27.7	82	0.05	15	6.74	73.3	0.26	<0.1	13	32.1
46907 (2342695)	2.10	618	13	8	37.2	94	0.06	13	9.41	98.2	0.21	<0.1	16	31.0
46908 (2342696)	1.74	608	12	7	28.9	87	0.05	15	7.39	101	0.21	<0.1	16	31.0
46909 (2342697)	1.87	701	11	6	31.1	65	0.07	22	8.15	51.9	0.26	<0.1	15	30.7
46910 (2342698)	1.77	622	11	7	28.0	71	0.05	13	7.28	79.6	0.22	<0.1	14	31.1
46911 (2342699)	2.13	734	14	7	28.6	85	0.07	19	7.65	65.2	0.33	<0.1	17	31.5
46912 D-DUP (2342700)	2.21	757	13	7	29.7	90	0.08	19	7.27	63.6	0.31	<0.1	17	31.2
46913 (2342701)	1.95	622	19	7	27.6	93	0.07	28	7.11	112	0.38	<0.1	18	31.1
46914 (2342702)	1.89	611	13	8	31.4	93	0.06	19	7.78	94.7	0.23	<0.1	18	30.9
46915 (2342703)	1.64	589	17	6	28.7	73	0.06	16	7.41	71.1	0.19	<0.1	14	32.1
46916 (2342704)	1.85	594	15	7	31.2	89	0.03	11	8.41	106	0.17	<0.1	17	31.8
46917 (2342705)	1.68	602	11	6	28.4	73	0.05	11	7.70	92.5	0.18	<0.1	14	31.7
46918 (2342706)	1.28	465	11	6	25.1	52	0.04	11	6.67	59.9	0.19	0.1	10	32.9
46919 (2342707)	1.73	602	16	7	25.2	83	0.04	8	6.32	91.7	0.25	<0.1	16	32.5
46920 (2342708)	1.92	586	14	7	29.0	88	0.06	12	7.68	86.7	0.23	<0.1	16	32.3
46921 (2342709)	1.55	542	19	7	29.6	85	0.04	8	7.66	96.8	0.22	<0.1	15	32.3
46922 (2342710)	1.38	91	<2	<1	0.6	<5	<0.01	<5	0.20	0.3	0.49	<0.1	<5	4.84
46923 (2342711)	1.13	393	11	6	24.4	45	0.05	12	6.30	67.9	0.18	<0.1	9	32.8
46924 (2342712)	1.68	570	13	7	26.2	81	0.05	9	7.59	95.2	0.20	<0.1	15	31.4
46925 (2342713)	1.59	516	11	7	27.6	78	0.05	9	7.29	78.9	0.27	<0.1	15	32.3
46926 (2342714)	1.52	519	11	7	26.8	74	0.06	13	7.45	82.3	0.23	<0.1	14	30.2
46927 (2342715)	1.43	557	13	6	26.5	71	0.05	14	7.40	78.3	0.23	<0.1	15	31.6
46928 (2342716)	1.00	470	17	6	22.5	49	0.04	15	6.47	55.8	0.16	<0.1	9	34.2
46929 (2342717)	1.96	741	10	7	27.2	69	0.06	12	7.06	54.5	0.21	<0.1	14	31.3
46930 (2342718)	1.99	676	11	7	23.5	70	0.06	10	6.46	62.5	0.12	<0.1	15	31.9
46931 (2342719)	1.70	584	11	7	26.9	90	0.05	11	7.51	106	0.16	<0.1	17	30.7
46932 (2342720)	1.74	616	10	7	27.4	90	0.05	12	6.81	79.6	0.16	<0.1	16	31.1

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733211

PROJECT: 2021 Surimeau DDH Batch 29

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
46933 (2342721)	1.61	546	14	7	27.1	86	0.05	17	7.11	95.8	0.20	<0.1	15	31.9
46934 (2342722)	1.81	654	10	7	30.8	74	0.06	17	8.63	75.4	0.27	<0.1	14	31.8
46935 (2342723)	1.47	571	14	6	25.6	80	0.05	18	6.53	78.7	0.24	<0.1	14	31.8
46936 (2342724)	1.63	532	12	6	27.2	96	0.03	17	6.87	98.4	0.25	0.1	15	29.8
46937 (2342725)	1.66	497	16	7	27.0	105	0.05	17	7.38	102	0.27	<0.1	15	30.3
46938 (2342726)	2.21	783	13	6	27.8	90	0.09	16	7.68	71.0	0.34	<0.1	17	29.2
46939 (2342727)	1.65	555	16	7	28.0	94	0.05	15	7.71	102	0.27	<0.1	17	29.6
46940 (2342728)	1.74	653	16	7	25.0	83	0.04	14	7.05	87.5	0.32	<0.1	13	30.0
46941 (2342729)	1.60	572	14	6	25.9	82	0.04	13	6.72	86.6	0.31	0.1	14	30.8
46942 (2342730)	1.53	560	15	7	24.0	89	0.05	13	6.73	81.5	0.30	0.2	14	30.9
46943 (2342731)	1.55	549	11	6	26.3	91	0.05	16	7.30	93.3	0.30	0.2	15	30.2
46944 (2342732)	3.47	737	8	7	30.0	161	0.13	10	7.39	148	0.25	0.1	20	27.2
46945 C-DUP (2342733)	3.75	745	9	6	29.0	163	0.14	11	7.41	145	0.25	0.2	21	28.4
46946 (2342734)	1.64	551	3	7	22.6	94	0.01	23	6.30	102	0.34	<0.1	15	26.6
46947 (2342735)	2.27	779	5	8	34.3	130	0.02	18	8.42	120	0.49	<0.1	22	26.6
46948 (2342736)	1.90	623	<2	38	0.2	78	0.08	9	8.46	6.3	0.33	36.6	15	30.3
46949 (2342737)	1.70	622	9	7	28.9	85	0.06	15	7.24	71.3	0.32	<0.1	15	30.6
46950 (2342738)	1.63	537	10	6	24.6	81	0.04	12	6.56	64.9	0.28	<0.1	14	31.2

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733211

PROJECT: 2021 Surimeau DDH Batch 29

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
46901 (2342689)	4.9	<1	331	0.8	0.46	8.0	0.33	<0.5	0.21	2.53	92	<1	13.0	1.4
46902 (2342690)	<0.1	<1	83.0	<0.5	<0.05	0.1	<0.01	<0.5	<0.05	0.08	<5	<1	1.9	<0.1
46903 (2342691)	5.7	1	311	0.8	0.52	9.2	0.37	<0.5	0.26	2.76	109	<1	16.1	1.7
46904 (2342692)	4.8	<1	314	0.9	0.57	9.4	0.37	<0.5	0.24	2.77	109	<1	15.6	1.5
46905 (2342693)	5.0	1	289	0.7	0.53	9.6	0.37	<0.5	0.22	2.86	110	<1	14.1	1.5
46906 (2342694)	4.0	<1	365	0.7	0.44	8.2	0.33	<0.5	0.18	2.55	90	<1	13.0	1.3
46907 (2342695)	5.6	<1	518	0.7	0.54	9.3	0.37	0.5	0.21	2.70	112	<1	15.4	1.3
46908 (2342696)	4.2	1	264	0.7	0.53	8.4	0.36	0.5	0.23	2.58	111	<1	15.7	1.4
46909 (2342697)	4.5	<1	726	0.6	0.48	7.7	0.34	<0.5	0.20	2.33	98	<1	14.7	1.5
46910 (2342698)	4.7	<1	436	0.6	0.46	7.5	0.34	0.5	0.20	2.42	99	<1	12.8	1.1
46911 (2342699)	4.0	1	445	0.6	0.46	8.3	0.35	<0.5	0.22	2.45	109	<1	14.6	1.4
46912 D-DUP (2342700)	4.9	2	440	0.7	0.47	8.1	0.35	<0.5	0.20	2.45	105	<1	15.5	1.3
46913 (2342701)	5.6	1	394	0.7	0.48	8.4	0.38	0.7	0.22	2.75	119	<1	14.8	1.5
46914 (2342702)	5.0	<1	349	0.8	0.53	8.2	0.39	<0.5	0.25	2.66	122	<1	14.8	1.6
46915 (2342703)	5.1	<1	320	0.5	0.55	7.3	0.33	<0.5	0.27	2.27	97	<1	15.2	1.4
46916 (2342704)	5.1	1	306	0.7	0.48	9.2	0.38	0.5	0.21	2.63	116	<1	16.8	1.6
46917 (2342705)	4.5	<1	386	0.7	0.47	8.1	0.35	0.5	0.20	2.53	101	<1	13.7	1.4
46918 (2342706)	4.7	<1	612	0.6	0.41	7.3	0.28	<0.5	0.12	2.49	72	<1	10.1	1.1
46919 (2342707)	4.7	<1	252	0.7	0.49	7.9	0.36	<0.5	0.24	2.51	110	<1	14.9	1.5
46920 (2342708)	5.4	1	459	0.6	0.55	9.2	0.36	0.6	0.23	2.86	112	<1	15.6	1.4
46921 (2342709)	5.1	<1	270	0.7	0.54	7.8	0.35	0.6	0.21	2.36	103	<1	15.0	1.4
46922 (2342710)	<0.1	<1	81.6	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.16	<5	<1	2.2	<0.1
46923 (2342711)	4.0	1	714	0.6	0.44	8.3	0.26	<0.5	0.14	3.21	63	<1	10.5	0.9
46924 (2342712)	4.7	1	273	0.7	0.52	8.7	0.36	0.5	0.19	2.49	103	<1	15.0	1.4
46925 (2342713)	3.8	1	248	0.7	0.47	8.6	0.35	<0.5	0.21	2.86	102	<1	14.7	1.4
46926 (2342714)	5.0	<1	494	0.6	0.44	7.8	0.32	<0.5	0.18	2.58	94	<1	14.4	1.3
46927 (2342715)	4.9	1	458	0.7	0.42	8.6	0.34	0.6	0.21	2.64	101	<1	14.5	1.4
46928 (2342716)	3.6	<1	851	0.5	0.39	6.6	0.23	<0.5	0.13	2.33	62	<1	11.3	1.1
46929 (2342717)	5.5	<1	565	0.7	0.49	8.4	0.35	<0.5	0.24	2.74	106	<1	15.2	1.3
46930 (2342718)	3.7	<1	402	0.6	0.50	8.3	0.37	<0.5	0.15	2.66	103	<1	14.3	1.2
46931 (2342719)	4.1	1	245	0.7	0.55	8.1	0.36	0.5	0.23	2.44	115	<1	14.2	1.6
46932 (2342720)	4.4	<1	453	0.7	0.49	7.7	0.36	<0.5	0.22	2.39	109	<1	14.4	1.5

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733211

PROJECT: 2021 Surimeau DDH Batch 29

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
46933 (2342721)	4.9	2	343	0.6	0.50	8.5	0.35	<0.5	0.22	2.61	100	<1	15.0	1.4
46934 (2342722)	4.8	<1	487	0.7	0.52	9.8	0.35	<0.5	0.25	2.87	99	<1	15.5	1.6
46935 (2342723)	4.1	<1	373	0.7	0.43	8.1	0.33	<0.5	0.21	2.56	95	<1	13.2	1.3
46936 (2342724)	4.0	<1	323	0.8	0.52	8.6	0.33	0.6	0.20	2.58	105	<1	14.2	1.5
46937 (2342725)	4.2	<1	288	0.8	0.48	8.7	0.34	0.5	0.20	2.48	108	<1	13.5	1.4
46938 (2342726)	5.0	2	351	0.6	0.57	7.9	0.35	<0.5	0.25	2.44	122	<1	16.7	1.8
46939 (2342727)	5.5	<1	285	0.8	0.53	8.3	0.35	0.6	0.19	2.51	117	<1	14.9	1.5
46940 (2342728)	3.6	<1	312	0.8	0.40	8.8	0.32	0.5	0.20	2.82	98	<1	14.9	1.4
46941 (2342729)	4.4	<1	296	0.7	0.43	9.2	0.32	<0.5	0.21	2.85	98	<1	14.9	1.5
46942 (2342730)	4.5	<1	296	0.7	0.48	9.0	0.33	<0.5	0.20	2.70	101	<1	14.2	1.4
46943 (2342731)	4.0	<1	343	0.8	0.55	8.1	0.34	0.5	0.24	2.51	107	<1	15.8	1.6
46944 (2342732)	4.3	<1	319	0.6	0.55	6.7	0.38	0.8	0.21	2.02	138	<1	14.2	1.4
46945 C-DUP (2342733)	5.1	8	327	0.6	0.54	6.7	0.39	0.8	0.21	1.97	143	<1	15.4	1.5
46946 (2342734)	4.2	<1	572	0.7	0.42	7.8	0.33	0.5	0.18	2.13	107	<1	12.5	1.4
46947 (2342735)	5.9	1	422	1.0	0.63	10.0	0.47	0.7	0.30	3.14	152	<1	19.7	1.8
46948 (2342736)	15.6	10	660	83.0	<0.05	<0.1	0.33	<0.5	<0.05	<0.05	108	3	0.6	6.6
46949 (2342737)	5.7	1	455	0.6	0.53	8.6	0.34	<0.5	0.23	2.55	105	<1	15.7	1.4
46950 (2342738)	4.5	<1	294	0.7	0.48	8.0	0.32	<0.5	0.19	2.49	100	<1	15.0	1.4

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733211

PROJECT: 2021 Surimeau DDH Batch 29

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
46901 (2342689)	84	149
46902 (2342690)	<5	1.7
46903 (2342691)	76	161
46904 (2342692)	81	158
46905 (2342693)	80	159
46906 (2342694)	86	150
46907 (2342695)	79	149
46908 (2342696)	97	134
46909 (2342697)	107	144
46910 (2342698)	107	140
46911 (2342699)	86	145
46912 D-DUP (2342700)	91	153
46913 (2342701)	93	143
46914 (2342702)	96	142
46915 (2342703)	74	130
46916 (2342704)	97	152
46917 (2342705)	94	156
46918 (2342706)	61	152
46919 (2342707)	94	134
46920 (2342708)	85	147
46921 (2342709)	97	133
46922 (2342710)	6	2.1
46923 (2342711)	64	148
46924 (2342712)	81	155
46925 (2342713)	68	152
46926 (2342714)	58	146
46927 (2342715)	88	155
46928 (2342716)	72	141
46929 (2342717)	73	162
46930 (2342718)	80	149
46931 (2342719)	89	143
46932 (2342720)	108	144

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733211

PROJECT: 2021 Surimeau DDH Batch 29

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
46933 (2342721)	102	141
46934 (2342722)	85	173
46935 (2342723)	78	148
46936 (2342724)	73	163
46937 (2342725)	70	141
46938 (2342726)	92	146
46939 (2342727)	86	144
46940 (2342728)	112	166
46941 (2342729)	127	165
46942 (2342730)	105	163
46943 (2342731)	94	149
46944 (2342732)	95	133
46945 C-DUP (2342733)	98	129
46946 (2342734)	95	135
46947 (2342735)	143	171
46948 (2342736)	104	<0.5
46949 (2342737)	105	151
46950 (2342738)	85	142

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733211

PROJECT: 2021 Surimeau DDH Batch 29

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
46901 (2342689)	78.19
46920 (2342708)	75.31
46940 (2342728)	80.94

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733211

PROJECT: 2021 Surimeau DDH Batch 29

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
46901 (2342689)	89.02
46923 (2342711)	88.00
46949 (2342737)	89.80

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Certified By: Sherin Moussa

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2342689	< 1	< 1	0.0%	2342703	< 1	< 1	0.0%	2342714	< 1	< 1	0.0%	2342729	< 1	< 1	0.0%
Al	2342689	8.19	8.42	2.8%	2342703	7.78	7.93	1.9%	2342714	8.34	8.55	2.5%	2342729	8.13	8.22	1.1%
As	2342689	< 5	< 5	0.0%	2342703	< 5	< 5	0.0%	2342714	< 5	< 5	0.0%	2342729	< 5	< 5	0.0%
B	2342689	< 20	< 20	0.0%	2342703	< 20	< 20	0.0%	2342714	< 20	< 20	0.0%	2342729	< 20	< 20	0.0%
Ba	2342689	607	624	2.8%	2342703	616	613	0.5%	2342714	1010	979	3.1%	2342729	568	573	0.9%
Be	2342689	< 5	< 5	0.0%	2342703	< 5	< 5	0.0%	2342714	< 5	< 5	0.0%	2342729	< 5	< 5	0.0%
Bi	2342689	0.2	0.2	0.0%	2342703	0.3	0.2		2342714	0.2	0.2	0.0%	2342729	0.2	0.2	0.0%
Ca	2342689	1.24	1.17	5.8%	2342703	1.91	1.90	0.5%	2342714	1.38	1.43	3.6%	2342729	1.29	1.30	0.8%
Cd	2342689	< 0.2	< 0.2	0.0%	2342703	< 0.2	< 0.2	0.0%	2342714	< 0.2	< 0.2	0.0%	2342729	0.59	0.78	27.7%
Ce	2342689	61.3	59.7	2.6%	2342703	61.7	62.5	1.3%	2342714	64.5	64.1	0.6%	2342729	60.7	62.0	2.1%
Co	2342689	22.8	23.4	2.6%	2342703	22.2	22.0	0.9%	2342714	21.3	22.0	3.2%	2342729	22.7	23.2	2.2%
Cr	2342689	0.0367	0.0328	11.2%	2342703	0.0372	0.0365	1.9%	2342714	0.028	0.027	3.6%	2342729	0.034	0.034	0.0%
Cs	2342689	4.8	5.6	15.4%	2342703	3.6	4.4	20.0%	2342714	3.62	4.15	13.6%	2342729	5.5	5.7	3.6%
Cu	2342689	42	44	4.7%	2342703	47	46	2.2%	2342714	40	39	2.5%	2342729	50	51	2.0%
Dy	2342689	2.46	2.39	2.9%	2342703	2.60	2.32	11.4%	2342714	2.74	2.49	9.6%	2342729	2.42	2.43	0.4%
Er	2342689	1.18	1.36	14.2%	2342703	1.56	1.37	13.0%	2342714	1.44	1.48	2.7%	2342729	1.52	1.68	10.0%
Eu	2342689	0.879	0.850	3.4%	2342703	1.26	1.10	13.6%	2342714	1.01	1.07	5.8%	2342729	1.08	1.01	6.7%
Fe	2342689	3.97	4.09	3.0%	2342703	3.84	3.84	0.0%	2342714	3.69	3.81	3.2%	2342729	4.07	4.08	0.2%
Ga	2342689	20.3	21.4	5.3%	2342703	19.7	20.0	1.5%	2342714	21.1	21.4	1.4%	2342729	20.4	20.2	1.0%
Gd	2342689	2.98	3.05	2.3%	2342703	3.20	3.58	11.2%	2342714	3.27	3.83	15.8%	2342729	3.43	3.70	7.6%
Ge	2342689	1	1	0.0%	2342703	1	1	0.0%	2342714	1	1	0.0%	2342729	1	1	0.0%
Hf	2342689	4	4	0.0%	2342703	3	4	28.6%	2342714	4	4	0.0%	2342729	4	4	0.0%
Ho	2342689	0.455	0.475	4.3%	2342703	0.542	0.462	15.9%	2342714	0.53	0.49	7.8%	2342729	0.52	0.46	12.2%
In	2342689	< 0.2	< 0.2	0.0%	2342703	< 0.2	< 0.2	0.0%	2342714	< 0.2	< 0.2	0.0%	2342729	< 0.2	< 0.2	0.0%
K	2342689	1.94	2.03	4.5%	2342703	1.66	1.67	0.6%	2342714	2.13	2.21	3.7%	2342729	2.18	2.20	0.9%
La	2342689	31.5	30.3	3.9%	2342703	32.7	32.0	2.2%	2342714	31.2	31.4	0.6%	2342729	31.3	30.8	1.6%
Li	2342689	32	34	6.1%	2342703	31	33	6.3%	2342714	37	38	2.7%	2342729	32	32	0.0%
Lu	2342689	0.15	0.17	12.5%	2342703	0.21	0.17	21.1%	2342714	0.192	0.197	2.6%	2342729	0.24	0.25	4.1%
Mg	2342689	1.60	1.59	0.6%	2342703	1.64	1.56	5.0%	2342714	1.52	1.54	1.3%	2342729	1.60	1.60	0.0%
Mn	2342689	541	560	3.5%	2342703	589	601	2.0%	2342714	519	540	4.0%	2342729	572	590	3.1%
Mo	2342689	16	13	20.7%	2342703	17	17	0.0%	2342714	11	11	0.0%	2342729	14	14	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2342689	6	6	0.0%	2342703	6	7	15.4%	2342714	7	7	0.0%	2342729	6	7	15.4%
Nd	2342689	25.2	27.2	7.6%	2342703	28.7	29.2	1.7%	2342714	26.8	27.4	2.2%	2342729	25.9	26.7	3.0%
Ni	2342689	78	81	3.8%	2342703	73	73	0.0%	2342714	74	74	0.0%	2342729	82	83	1.2%
P	2342689	0.04	0.04	0.0%	2342703	0.06	0.06	0.0%	2342714	0.058	0.054	7.1%	2342729	0.044	0.052	16.7%
Pb	2342689	11	12	8.7%	2342703	16	16	0.0%	2342714	13	12	8.0%	2342729	13	14	7.4%
Pr	2342689	7.22	7.11	1.5%	2342703	7.41	7.54	1.7%	2342714	7.45	7.61	2.1%	2342729	6.72	6.99	3.9%
Rb	2342689	79.4	78.1	1.7%	2342703	71.1	71.2	0.1%	2342714	82.3	85.9	4.3%	2342729	86.6	87.1	0.6%
S	2342689	0.28	0.30	6.9%	2342703	0.19	0.19	0.0%	2342714	0.23	0.23	0.0%	2342729	0.309	0.302	2.3%
Sb	2342689	0.1	0.1	0.0%	2342703	< 0.1	< 0.1	0.0%	2342714	< 0.1	< 0.1	0.0%	2342729	0.12	0.16	28.6%
Sc	2342689	13	14	7.4%	2342703	14	14	0.0%	2342714	14	14	0.0%	2342729	14	14	0.0%
Si	2342689	31.5	32.4	2.8%	2342703	32.1	32.4	0.9%	2342714	30.2	30.7	1.6%	2342729	30.8	31.1	1.0%
Sm	2342689	4.90	4.42	10.3%	2342703	5.13	5.03	2.0%	2342714	4.98	4.41	12.1%	2342729	4.43	4.34	2.1%
Sn	2342689	< 1	< 1	0.0%	2342703	< 1	1		2342714	< 1	1		2342729	< 1	1	
Sr	2342689	331	342	3.3%	2342703	320	326	1.9%	2342714	494	499	1.0%	2342729	296	298	0.7%
Ta	2342689	0.79	0.72	9.3%	2342703	0.54	0.58	7.1%	2342714	0.63	0.66	4.7%	2342729	0.74	0.78	5.3%
Tb	2342689	0.46	0.46	0.0%	2342703	0.550	0.473	15.1%	2342714	0.44	0.46	4.4%	2342729	0.43	0.48	11.0%
Th	2342689	8.01	7.74	3.4%	2342703	7.31	7.59	3.8%	2342714	7.8	8.3	6.2%	2342729	9.2	9.1	1.1%
Ti	2342689	0.33	0.34	3.0%	2342703	0.331	0.337	1.8%	2342714	0.321	0.331	3.1%	2342729	0.324	0.326	0.6%
Tl	2342689	< 0.5	< 0.5	0.0%	2342703	< 0.5	< 0.5	0.0%	2342714	< 0.5	< 0.5	0.0%	2342729	< 0.5	< 0.5	0.0%
Tm	2342689	0.21	0.22	4.7%	2342703	0.268	0.243	9.8%	2342714	0.180	0.229	24.0%	2342729	0.21	0.21	0.0%
U	2342689	2.53	2.47	2.4%	2342703	2.27	2.22	2.2%	2342714	2.58	2.56	0.8%	2342729	2.85	2.76	3.2%
V	2342689	92	96	4.3%	2342703	97	98	1.0%	2342714	94	96	2.1%	2342729	98	100	2.0%
W	2342689	< 1	< 1	0.0%	2342703	< 1	< 1	0.0%	2342714	< 1	< 1	0.0%	2342729	< 1	< 1	0.0%
Y	2342689	13.0	12.7	2.3%	2342703	15.2	14.6	4.0%	2342714	14.4	14.6	1.4%	2342729	14.9	13.8	7.7%
Yb	2342689	1.37	1.28	6.8%	2342703	1.4	1.4	0.0%	2342714	1.32	1.35	2.2%	2342729	1.5	1.4	6.9%
Zn	2342689	84	89	5.8%	2342703	74	76	2.7%	2342714	58	55	5.3%	2342729	127	131	3.1%
Zr	2342689	149	142	4.8%	2342703	130	131	0.8%	2342714	146	142	2.8%	2342729	165	163	1.2%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O733211

PROJECT: 2021 Surimeau DDH Batch 29

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.CGL-015)				CRM #2 (ref.Till-2)				CRM #3 (ref.CGL-015)				CRM #4 (ref.GTS-2a)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al					8.47	8.39	99%	90% - 110%					6.94	7.03	101%	90% - 110%
As					26	25	97%	90% - 110%								
Ba					540	525	97%	90% - 110%								
Be					4.0	4.4	109%	90% - 110%								
Ca					0.907	0.836	92%	90% - 110%					4.01	3.97	99%	90% - 110%
Ce					98	107	110%	90% - 110%	58.2	64.4	111%	90% - 110%				
Co					15	15	102%	90% - 110%								
Cu					150	159	106%	90% - 110%								
Er					3.7	4.5	122%	90% - 110%								
Fe					3.77	3.82	101%	90% - 110%					7.56	7.8	103%	90% - 110%
Ga									22.6	23.8	105%	90% - 110%				
Hf					11	10	94%	90% - 110%								
K					2.55	2.52	99%	90% - 110%					2.02	2.03	101%	90% - 110%
La					44	48	109%	90% - 110%	27.5	31.2	113%	90% - 110%				
Li					47	51	108%	90% - 110%								
Lu					0.6	0.7	111%	90% - 110%								
Mg					1.1	1	91%	90% - 110%					2.41	2.28	95%	90% - 110%
Mn					780	756	97%	90% - 110%								
Mo					14	15	105%	90% - 110%								
Nb					20	20	100%	90% - 110%	22.6	25.9	114%	90% - 110%				
Nd									27.3	29.2	107%	90% - 110%				
Ni					32	35	110%	90% - 110%								
P	0.061	0.061	99%	90% - 110%												
Pb					31	34	108%	90% - 110%								
Rb					144	151	105%	90% - 110%	85.4	94.3	110%	90% - 110%				
Sb					0.8	1	120%	90% - 110%								
Sc					12	13	104%	90% - 110%								
Si					28.4	29.9	105%	90% - 110%					23.65	25.19	107%	90% - 110%
Sm					7.4	7.9	107%	90% - 110%								
Sr					144	155	108%	90% - 110%								
Tb					1.2	1.2	102%	90% - 110%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Th					18.4	20.6	112%	90% - 110%								
Ti					0.527	0.525	100%	90% - 110%								
U					5.7	5.9	103%	90% - 110%								
V					77	77	100%	90% - 110%								
W					5	5	108%	90% - 110%								
Y					40	39	98%	90% - 110%	25.3	30.1	119%	90% - 110%				
Yb									2.66	3.08	116%	90% - 110%				
Zn					130	121	93%	90% - 110%								
Zr					390	393	101%	90% - 110%	157	166	106%	90% - 110%				
	CRM #5 (ref.CGL-015)															
Parameter	Expect	Actual	Recovery	Limits												
Al	13.0	12.8	99%	90% - 110%												
Ba	1310	1293	99%	90% - 110%												
Ca	1.42	1.38	97%	90% - 110%												
Cu	6.4	6.6	103%	90% - 110%												
Fe	3.27	3.32	102%	90% - 110%												
K	3.68	3.95	107%	90% - 110%												
Li	65.0	68.7	106%	90% - 110%												
P	0.061	0.061	99%	90% - 110%												
Si	24.4	25.4	104%	90% - 110%												
Sr	310	316	102%	90% - 110%												
Ti	0.222	0.211	95%	90% - 110%												
Zn	75.4	71.2	94%	90% - 110%												

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O733211

PROJECT: 2021 Surimeau DDH Batch 29

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O733211

PROJECT: 2021 Surimeau DDH Batch 29

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O733211

PROJECT: 2021 Surimeau DDH Batch 29

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 28

AGAT WORK ORDER: 21O733213

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Jun 08, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733213

PROJECT: 2021 Surimeau DDH Batch 28

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jun 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
46851 (2343243)	2.73
46852 (2343244)	0.69
46853 (2343245)	2.82
46854 (2343246)	3.09
46855 (2343247)	0.06
46856 (2343248)	2.84
46857 (2343249)	2.68
46858 (2343250)	3.67
46859 (2343251)	4.59
46860 (2343252)	4.70
46861 (2343253)	3.04
46862 C-DUP (2343254)	-
46863 (2343255)	2.89
46864 (2343256)	1.53
46865 (2343257)	1.42
46866 (2343258)	2.92
46867 (2343259)	3.09
46868 (2343260)	3.19
46869 (2343261)	1.75
46870 (2343262)	3.01
46871 (2343263)	3.46
46872 (2343264)	0.79
46873 (2343265)	2.29
46874 (2343266)	3.05
46875 (2343267)	3.09
46876 (2343268)	1.92
46877 (2343269)	3.67
46878 (2343270)	3.39
46879 (2343271)	1.84
46880 (2343272)	2.54
46881 (2343273)	0.72

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733213

PROJECT: 2021 Surimeau DDH Batch 28

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jun 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
46882 (2343274)	4.58
46883 (2343275)	3.69
46884 (2343276)	4.24
46885 (2343277)	3.70
46886 (2343278)	2.92
46887 (2343279)	3.80
46888 (2343280)	1.95
46889 (2343281)	2.71
46890 (2343282)	3.05
46891 (2343283)	2.04
46892 (2343284)	2.51
46893 (2343285)	3.63
46894 (2343286)	4.47
46895 C-DUP (2343287)	-
46896 (2343288)	3.98
46897 (2343289)	4.21
46898 (2343290)	4.24
46899 (2343291)	4.06
46900 (2343292)	4.05

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733213

PROJECT: 2021 Surimeau DDH Batch 28

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jun 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
46851 (2343243)	1	7.95	<5	22	666	<5	1.6	2.45	20.0	68.2	120	0.017	0.2	962
46852 (2343244)	<1	0.24	<5	<20	26.3	<5	<0.1	35.2	<0.2	1.4	0.7	<0.005	0.1	9
46853 (2343245)	<1	8.45	<5	<20	419	<5	0.9	2.70	7.7	77.5	64.7	0.016	<0.1	1350
46854 (2343246)	1	8.15	<5	22	288	<5	1.2	3.38	18.9	65.2	91.1	0.018	0.2	666
46855 (2343247)	3	1.04	30	66	59.6	<5	0.7	2.43	0.9	11.1	1200	0.022	0.6	14500
46856 (2343248)	3	8.23	<5	<20	162	<5	2.0	3.78	7.8	63.7	62.2	0.015	<0.1	420
46857 (2343249)	1	4.81	<5	<20	585	<5	0.6	5.28	1.1	28.5	65.6	0.153	16.6	187
46858 (2343250)	1	3.07	<5	<20	85.8	<5	1.1	5.35	<0.2	1.7	89.9	0.201	4.3	153
46859 (2343251)	1	3.12	<5	<20	<0.5	<5	0.8	5.33	<0.2	1.1	94.3	0.215	0.3	138
46860 (2343252)	<1	2.64	<5	<20	6.1	<5	0.6	5.91	0.2	2.0	79.4	0.191	0.5	79
46861 (2343253)	1	3.21	<5	<20	0.5	<5	0.7	5.20	<0.2	3.1	92.3	0.222	0.2	71
46862 C-DUP (2343254)	1	3.30	<5	<20	<0.5	<5	0.6	5.18	<0.2	2.5	90.8	0.226	0.3	73
46863 (2343255)	3	5.52	<5	<20	475	<5	0.4	5.70	<0.2	55.1	70.0	0.155	9.1	49
46864 (2343256)	1	2.91	<5	<20	2.0	<5	0.6	4.96	<0.2	1.7	90.7	0.216	0.3	84
46865 (2343257)	<1	2.91	<5	<20	<0.5	<5	0.7	4.75	<0.2	1.7	91.1	0.216	0.4	77
46866 (2343258)	<1	2.82	<5	<20	<0.5	<5	0.9	4.85	<0.2	2.0	88.1	0.206	0.2	51
46867 (2343259)	1	3.44	<5	<20	3.4	<5	0.5	6.29	<0.2	1.7	88.4	0.252	0.3	80
46868 (2343260)	<1	4.40	<5	<20	125	<5	1.3	14.3	<0.2	2.7	123	0.313	1.7	91
46869 (2343261)	<1	4.03	<5	<20	100	<5	1.0	10.4	<0.2	2.3	103	0.280	0.7	111
46870 (2343262)	1	6.25	<5	22	362	<5	1.4	4.32	0.2	3.2	117	0.454	18.5	130
46871 (2343263)	2	6.18	<5	26	459	6	0.9	7.52	<0.2	18.6	119	0.291	2.9	252
46872 (2343264)	<1	0.22	<5	<20	37.5	<5	<0.1	36.5	<0.2	1.0	1.7	<0.005	<0.1	7
46873 (2343265)	7	6.37	<5	21	633	<5	0.9	5.98	1.7	47.1	91.0	0.156	1.0	1080
46874 (2343266)	<1	6.42	<5	<20	966	<5	0.5	6.16	0.7	44.9	46.7	0.070	7.8	170
46875 (2343267)	<1	6.61	<5	<20	1020	<5	0.4	6.79	<0.2	53.5	44.4	0.048	5.5	135
46876 (2343268)	<1	8.77	<5	<20	675	<5	0.6	3.76	0.9	87.2	30.7	0.041	1.0	282
46877 (2343269)	<1	6.75	<5	<20	824	<5	0.9	5.92	1.2	57.5	43.9	0.050	2.6	141
46878 (2343270)	<1	9.18	7	<20	881	<5	1.0	2.07	2.0	62.9	38.1	0.025	2.2	235
46879 (2343271)	<1	9.60	<5	25	1620	<5	0.1	1.49	0.2	82.8	20.7	0.021	3.4	42
46880 (2343272)	<1	9.49	<5	<20	890	<5	0.6	2.26	<0.2	70.2	25.4	0.025	2.5	51
46881 (2343273)	<1	9.92	<5	<20	558	<5	0.4	1.41	<0.2	67.8	27.1	0.027	4.3	58
46882 (2343274)	<1	9.74	<5	<20	782	<5	0.4	1.28	<0.2	64.9	26.7	0.027	4.5	81

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733213

PROJECT: 2021 Surimeau DDH Batch 28

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jun 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
46883 (2343275)	<1	9.74	<5	23	623	<5	0.6	1.26	0.9	68.1	29.3	0.028	5.4	64
46884 (2343276)	<1	9.90	<5	123	626	<5	1.4	1.20	0.3	70.4	28.1	0.029	6.3	63
46885 (2343277)	<1	9.01	<5	26	686	<5	0.5	1.63	<0.2	60.9	25.7	0.031	5.4	67
46886 (2343278)	<1	8.51	<5	46	584	<5	0.5	1.26	<0.2	59.3	24.3	0.033	3.5	53
46887 (2343279)	<1	9.33	<5	29	849	<5	0.3	1.32	0.2	65.0	27.5	0.026	2.9	57
46888 (2343280)	<1	8.50	<5	23	737	<5	0.2	0.76	0.3	53.0	22.5	0.024	2.0	41
46889 (2343281)	<1	9.25	<5	26	796	<5	0.6	1.02	0.3	68.9	25.7	0.023	2.0	59
46890 (2343282)	2	8.62	<5	21	504	<5	0.6	0.88	0.3	74.5	22.2	0.021	1.8	55
46891 (2343283)	<1	7.85	<5	29	1090	<5	0.3	1.41	0.6	77.8	25.4	0.021	1.6	52
46892 (2343284)	<1	8.19	<5	30	1020	<5	0.3	1.44	0.6	78.2	26.6	0.020	2.1	52
46893 (2343285)	<1	8.37	<5	<20	642	<5	0.4	1.06	0.4	77.1	18.6	0.027	3.5	51
46894 (2343286)	<1	8.88	<5	26	716	<5	0.3	1.28	0.2	60.4	24.1	0.030	6.3	50
46895 C-DUP (2343287)	<1	8.87	<5	22	705	<5	0.4	1.32	<0.2	62.4	24.8	0.029	6.5	50
46896 (2343288)	<1	8.62	<5	<20	716	<5	0.3	1.60	0.3	65.0	23.1	0.035	5.8	52
46897 (2343289)	<1	8.45	<5	23	743	<5	0.3	1.70	0.2	68.0	25.6	0.033	5.6	51
46898 (2343290)	<1	8.89	<5	45	706	<5	0.4	1.50	<0.2	62.9	24.7	0.033	6.5	54
46899 (2343291)	<1	8.82	<5	43	728	<5	0.2	1.38	<0.2	66.6	24.9	0.030	5.9	54
46900 (2343292)	<1	8.73	<5	<20	708	<5	0.3	1.97	<0.2	60.0	23.2	0.033	5.2	49

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733213

PROJECT: 2021 Surimeau DDH Batch 28

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jun 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
46851 (2343243)	3.97	2.41	2.49	7.53	24.6	4.89	1	4	0.85	4.4	0.78	31.4	<10	0.34
46852 (2343244)	0.36	0.28	<0.05	0.10	0.80	0.33	<1	<1	0.06	<0.2	0.13	1.4	<10	<0.05
46853 (2343245)	3.82	2.14	1.73	6.73	21.8	4.76	1	4	0.78	1.5	0.30	37.9	<10	0.29
46854 (2343246)	3.70	2.03	1.86	7.68	21.4	4.60	1	4	0.73	3.4	0.23	30.6	<10	0.37
46855 (2343247)	1.05	0.49	0.15	35.9	3.10	1.03	1	<1	0.18	<0.2	0.09	5.7	<10	0.06
46856 (2343248)	3.20	1.81	1.69	5.84	20.3	4.25	<1	4	0.65	1.0	0.17	29.7	<10	0.32
46857 (2343249)	2.57	1.52	0.93	7.15	14.4	3.22	3	2	0.52	<0.2	2.04	12.5	35	0.24
46858 (2343250)	1.08	0.71	0.21	6.71	10.4	0.81	5	<1	0.22	<0.2	0.52	0.6	<10	0.08
46859 (2343251)	1.11	0.67	0.21	6.64	9.33	0.85	5	<1	0.23	<0.2	<0.05	0.3	<10	0.10
46860 (2343252)	1.22	0.82	0.29	6.31	6.96	0.95	5	<1	0.25	<0.2	0.07	0.7	<10	0.12
46861 (2343253)	1.25	0.80	0.21	6.89	7.93	0.92	4	<1	0.25	<0.2	<0.05	1.3	<10	0.14
46862 C-DUP (2343254)	1.33	0.77	0.22	6.96	8.10	0.91	4	<1	0.27	<0.2	<0.05	0.9	<10	0.09
46863 (2343255)	2.77	1.70	1.38	8.07	12.8	4.74	3	2	0.58	<0.2	1.19	26.4	35	0.23
46864 (2343256)	0.75	0.62	0.05	6.54	7.69	0.63	3	<1	0.21	<0.2	<0.05	0.6	<10	0.09
46865 (2343257)	0.73	0.53	0.07	6.54	7.72	0.60	3	<1	0.16	<0.2	<0.05	0.5	<10	0.06
46866 (2343258)	1.10	0.60	0.11	6.01	7.18	0.70	3	<1	0.20	<0.2	<0.05	0.9	<10	0.08
46867 (2343259)	1.25	0.97	0.20	7.32	7.17	1.06	3	<1	0.29	<0.2	<0.05	0.5	<10	0.15
46868 (2343260)	1.60	0.97	0.58	7.74	10.6	1.26	2	<1	0.42	<0.2	0.40	1.1	17	0.17
46869 (2343261)	1.60	0.94	0.35	6.75	10.9	1.16	2	<1	0.35	<0.2	0.23	1.0	16	0.15
46870 (2343262)	2.52	1.59	0.50	10.4	20.1	1.70	2	<1	0.53	<0.2	1.68	1.2	60	0.28
46871 (2343263)	2.75	1.61	0.88	6.80	14.8	2.63	2	1	0.56	<0.2	0.60	8.8	15	0.24
46872 (2343264)	0.34	0.22	<0.05	0.08	0.82	0.28	<1	<1	0.06	<0.2	0.06	1.2	<10	<0.05
46873 (2343265)	2.48	1.45	1.35	6.97	15.3	3.83	1	2	0.50	<0.2	0.71	21.6	24	0.19
46874 (2343266)	3.53	1.88	1.46	6.96	15.7	4.47	2	2	0.61	<0.2	1.91	20.8	51	0.22
46875 (2343267)	3.56	1.90	1.39	7.58	16.2	4.82	2	3	0.73	0.2	1.41	25.4	36	0.31
46876 (2343268)	2.89	1.19	1.66	4.39	19.5	5.62	2	5	0.46	0.4	0.45	41.1	18	0.14
46877 (2343269)	3.10	1.62	1.36	6.75	15.9	4.57	2	3	0.62	0.3	0.91	27.6	27	0.25
46878 (2343270)	3.34	1.95	1.46	5.14	22.1	4.46	<1	3	0.64	0.2	2.34	31.2	27	0.32
46879 (2343271)	2.82	1.67	1.20	4.04	26.0	5.01	1	4	0.54	<0.2	4.05	39.9	44	0.25
46880 (2343272)	2.92	1.60	1.30	4.61	21.9	4.44	1	4	0.59	<0.2	2.00	33.4	30	0.22
46881 (2343273)	3.09	1.63	1.30	4.78	21.6	4.52	2	3	0.63	<0.2	2.45	32.8	39	0.28
46882 (2343274)	3.00	1.42	1.19	4.91	22.7	4.22	2	3	0.54	<0.2	2.56	31.7	51	0.23

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733213

PROJECT: 2021 Surimeau DDH Batch 28

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jun 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
46883 (2343275)	3.08	1.71	1.19	4.96	23.2	4.43	2	3	0.52	<0.2	3.14	32.9	48	0.29
46884 (2343276)	3.12	1.80	1.19	5.15	24.8	4.68	2	4	0.61	<0.2	2.75	34.5	63	0.25
46885 (2343277)	2.75	1.45	1.13	4.96	20.1	4.11	1	3	0.53	<0.2	2.37	30.3	56	0.19
46886 (2343278)	2.62	1.49	1.40	4.46	19.2	3.49	1	3	0.49	<0.2	2.14	28.3	63	0.19
46887 (2343279)	3.00	1.70	1.18	4.60	21.3	4.10	1	4	0.61	<0.2	2.40	32.1	58	0.25
46888 (2343280)	2.69	1.41	0.73	3.78	18.8	3.35	1	3	0.49	<0.2	2.15	26.4	41	0.22
46889 (2343281)	3.04	1.62	1.18	4.60	20.5	4.14	1	4	0.59	<0.2	2.49	33.4	53	0.23
46890 (2343282)	3.08	1.91	1.10	3.77	19.9	4.13	1	5	0.61	<0.2	2.25	36.1	50	0.22
46891 (2343283)	3.32	1.75	1.80	4.75	19.1	5.05	2	3	0.66	<0.2	2.81	38.7	50	0.22
46892 (2343284)	3.38	1.87	1.68	4.92	19.9	5.18	1	3	0.65	<0.2	2.64	39.3	51	0.26
46893 (2343285)	3.16	1.87	0.98	3.67	19.2	4.47	1	4	0.67	<0.2	2.07	36.8	44	0.23
46894 (2343286)	2.76	1.60	1.08	4.38	20.0	3.81	1	3	0.61	<0.2	2.23	30.5	37	0.22
46895 C-DUP (2343287)	2.65	1.42	1.06	4.34	20.1	3.77	1	4	0.61	<0.2	2.26	29.7	41	0.19
46896 (2343288)	2.75	1.61	1.13	4.27	20.1	4.03	1	4	0.55	<0.2	2.03	31.4	39	0.24
46897 (2343289)	2.99	1.77	1.33	4.74	20.2	4.37	1	3	0.59	<0.2	1.89	32.9	38	0.22
46898 (2343290)	2.82	1.43	1.07	4.40	20.1	3.77	1	4	0.52	<0.2	2.29	30.6	43	0.20
46899 (2343291)	2.83	1.49	1.24	4.34	20.2	3.97	1	4	0.56	<0.2	2.38	32.0	37	0.21
46900 (2343292)	2.80	1.43	1.04	4.26	19.5	3.75	1	4	0.54	<0.2	1.93	28.4	37	0.20

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733213

PROJECT: 2021 Surimeau DDH Batch 28

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jun 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
46851 (2343243)	0.93	542	27	7	30.8	417	0.05	52	7.84	19.9	5.19	<0.1	18	26.7
46852 (2343244)	1.49	92	<2	<1	0.9	<5	<0.01	<5	0.22	2.6	0.08	<0.1	<5	4.69
46853 (2343245)	1.28	610	120	7	32.7	312	0.05	24	8.81	5.8	3.96	<0.1	19	28.0
46854 (2343246)	0.93	714	178	7	29.3	478	0.05	36	7.54	5.3	4.96	<0.1	19	26.2
46855 (2343247)	1.84	580	<2	1	5.1	22500	<0.01	40	1.35	3.8	22.9	0.3	9	7.34
46856 (2343248)	1.17	680	220	7	28.1	305	0.05	86	7.35	3.6	3.54	<0.1	17	27.7
46857 (2343249)	10.3	1440	3	3	15.7	592	0.07	28	3.77	105	1.48	<0.1	28	23.1
46858 (2343250)	14.4	1410	<2	<1	1.3	1360	<0.01	7	0.24	26.2	1.35	0.3	20	22.7
46859 (2343251)	14.6	1320	<2	<1	1.3	1370	<0.01	<5	0.24	0.7	1.46	<0.1	21	22.1
46860 (2343252)	14.8	1380	<2	<1	1.5	1200	<0.01	<5	0.34	2.8	1.19	<0.1	19	23.3
46861 (2343253)	15.1	1300	<2	<1	2.2	1390	<0.01	<5	0.39	0.8	1.36	<0.1	21	22.4
46862 C-DUP (2343254)	14.9	1320	<2	<1	2.0	1380	<0.01	<5	0.41	0.6	1.37	<0.1	22	22.6
46863 (2343255)	10.8	1450	<2	2	28.2	609	0.12	21	6.60	58.5	0.62	<0.1	28	21.8
46864 (2343256)	15.4	1130	<2	<1	1.3	1490	<0.01	<5	0.25	0.6	0.64	<0.1	20	23.7
46865 (2343257)	15.7	1110	<2	<1	0.9	1480	<0.01	<5	0.21	0.3	0.57	<0.1	20	23.8
46866 (2343258)	15.3	999	<2	<1	1.5	1430	<0.01	<5	0.28	0.5	0.36	<0.1	19	23.5
46867 (2343259)	13.9	1690	<2	<1	1.5	1150	<0.01	<5	0.27	1.5	0.96	<0.1	24	22.1
46868 (2343260)	7.02	2880	<2	<1	2.4	1630	<0.01	12	0.44	17.2	0.48	0.1	30	18.4
46869 (2343261)	7.17	3070	<2	<1	1.9	1500	<0.01	12	0.37	8.2	0.91	<0.1	27	23.0
46870 (2343262)	5.97	4350	<2	<1	3.0	2230	<0.01	11	0.48	127	1.77	<0.1	43	23.3
46871 (2343263)	3.22	2960	<2	4	10.2	1790	0.12	17	2.59	28.3	1.96	<0.1	33	25.0
46872 (2343264)	1.36	95	<2	<1	1.2	<5	<0.01	<5	0.31	2.5	0.05	<0.1	<5	3.92
46873 (2343265)	4.27	1960	6	3	24.0	997	0.11	26	5.80	29.9	3.03	<0.1	25	25.1
46874 (2343266)	6.30	1380	4	4	23.1	231	0.15	15	5.85	99.9	1.21	<0.1	30	24.1
46875 (2343267)	5.31	1390	3	4	27.7	109	0.15	17	6.89	70.7	0.99	<0.1	35	23.6
46876 (2343268)	3.02	749	39	6	43.0	143	0.12	33	10.7	20.1	1.45	<0.1	13	28.4
46877 (2343269)	4.77	1220	63	4	28.3	114	0.11	30	6.79	48.5	1.43	<0.1	31	25.2
46878 (2343270)	1.47	392	55	7	28.1	149	0.06	48	7.58	94.4	3.60	0.1	22	27.8
46879 (2343271)	1.66	328	<2	6	38.0	91	0.06	16	9.76	172	2.22	<0.1	18	29.1
46880 (2343272)	1.62	547	<2	7	30.4	107	0.06	17	7.79	93.1	2.45	<0.1	19	28.7
46881 (2343273)	2.42	700	3	7	30.9	119	0.06	19	7.79	117	1.74	0.5	22	27.6
46882 (2343274)	2.25	646	14	6	28.1	117	0.05	19	7.34	118	1.41	<0.1	21	28.5

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733213

PROJECT: 2021 Surimeau DDH Batch 28

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jun 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
46883 (2343275)	2.32	658	5	7	28.3	126	0.06	17	7.50	129	1.59	<0.1	22	28.8
46884 (2343276)	2.48	590	2	7	31.9	121	0.06	18	8.32	120	0.51	<0.1	22	28.5
46885 (2343277)	2.40	624	<2	6	28.4	102	0.07	19	6.96	110	0.63	<0.1	20	29.5
46886 (2343278)	2.06	505	<2	6	26.2	102	0.04	16	6.70	111	0.29	<0.1	18	31.6
46887 (2343279)	2.10	582	3	6	30.0	110	0.06	22	7.96	110	0.37	<0.1	19	29.8
46888 (2343280)	1.76	515	5	5	23.5	84	0.06	12	6.25	105	0.53	<0.1	14	31.1
46889 (2343281)	2.21	596	2	7	29.9	107	0.06	20	8.07	119	0.49	<0.1	19	29.2
46890 (2343282)	1.89	434	2	7	32.5	87	0.03	14	8.62	83.5	0.29	<0.1	15	30.5
46891 (2343283)	2.41	815	<2	5	37.4	77	0.15	7	9.54	123	0.40	<0.1	18	30.5
46892 (2343284)	2.47	866	<2	6	36.1	81	0.14	9	9.45	114	0.37	<0.1	19	29.9
46893 (2343285)	1.81	475	2	8	33.0	73	0.05	13	9.20	77.1	0.18	<0.1	13	32.2
46894 (2343286)	1.92	564	<2	6	26.9	99	0.05	15	7.10	91.3	0.21	<0.1	17	31.4
46895 C-DUP (2343287)	1.92	569	<2	6	27.5	93	0.06	15	6.97	92.9	0.22	<0.1	17	31.4
46896 (2343288)	1.97	583	<2	6	28.8	88	0.06	13	7.66	79.4	0.29	<0.1	16	31.3
46897 (2343289)	2.34	736	<2	6	30.9	84	0.10	13	8.36	81.0	0.28	<0.1	17	30.3
46898 (2343290)	1.95	560	3	6	28.4	95	0.06	15	7.25	92.8	0.21	<0.1	17	30.8
46899 (2343291)	1.98	545	<2	6	28.2	102	0.06	16	7.54	102	0.18	<0.1	17	30.5
46900 (2343292)	1.93	566	<2	6	26.5	85	0.06	16	6.96	79.9	0.19	<0.1	16	31.3

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733213

PROJECT: 2021 Surimeau DDH Batch 28

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jun 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
46851 (2343243)	4.9	10	162	<0.5	0.70	8.7	0.31	0.5	0.36	2.65	109	<1	22.7	2.4
46852 (2343244)	0.2	<1	76.4	<0.5	0.05	0.2	<0.01	<0.5	<0.05	0.21	<5	<1	2.8	0.2
46853 (2343245)	5.6	7	213	<0.5	0.66	9.4	0.31	<0.5	0.28	2.97	156	<1	19.7	1.9
46854 (2343246)	5.5	8	368	<0.5	0.64	8.5	0.32	<0.5	0.32	4.10	134	<1	19.5	2.1
46855 (2343247)	1.1	1	31.3	<0.5	0.15	0.9	0.11	<0.5	0.07	0.23	81	4	4.6	0.5
46856 (2343248)	5.1	7	598	<0.5	0.59	8.5	0.28	<0.5	0.28	5.72	88	<1	16.3	2.0
46857 (2343249)	3.0	5	324	<0.5	0.46	2.7	0.33	2.2	0.22	0.98	170	<1	14.6	1.4
46858 (2343250)	0.4	1	29.7	<0.5	0.14	<0.1	0.15	0.7	0.08	0.08	119	<1	5.6	0.6
46859 (2343251)	0.4	<1	27.1	<0.5	0.16	<0.1	0.16	<0.5	0.11	0.06	118	<1	7.0	0.7
46860 (2343252)	0.7	<1	34.1	<0.5	0.16	<0.1	0.15	<0.5	0.10	<0.05	103	<1	7.5	0.7
46861 (2343253)	0.7	<1	31.0	<0.5	0.16	0.1	0.17	<0.5	0.11	0.06	115	<1	7.2	0.7
46862 C-DUP (2343254)	0.6	<1	31.9	<0.5	0.16	0.1	0.17	<0.5	0.09	0.05	124	<1	6.3	0.6
46863 (2343255)	6.0	4	616	<0.5	0.59	4.1	0.37	0.9	0.20	1.28	173	<1	16.9	1.4
46864 (2343256)	0.5	<1	27.9	<0.5	0.11	<0.1	0.16	<0.5	0.08	0.05	99	<1	4.2	0.5
46865 (2343257)	0.3	<1	25.5	<0.5	0.11	<0.1	0.16	<0.5	0.08	<0.05	97	<1	3.7	0.5
46866 (2343258)	0.3	<1	24.0	<0.5	0.12	<0.1	0.15	<0.5	0.07	<0.05	99	<1	4.5	0.7
46867 (2343259)	0.8	<1	42.6	<0.5	0.19	<0.1	0.20	<0.5	0.12	<0.05	135	<1	8.4	0.9
46868 (2343260)	1.0	1	250	<0.5	0.23	<0.1	0.25	<0.5	0.15	0.14	173	<1	9.7	1.1
46869 (2343261)	0.5	2	241	<0.5	0.21	<0.1	0.21	<0.5	0.13	0.44	140	<1	9.9	1.0
46870 (2343262)	1.4	2	284	<0.5	0.31	0.1	0.36	1.6	0.25	0.37	274	<1	12.7	1.5
46871 (2343263)	2.3	3	544	<0.5	0.41	1.2	0.36	<0.5	0.27	0.97	188	<1	14.5	1.6
46872 (2343264)	<0.1	<1	76.5	<0.5	<0.05	0.1	<0.01	<0.5	<0.05	0.19	<5	<1	3.0	0.2
46873 (2343265)	4.4	2	676	<0.5	0.49	3.0	0.41	0.7	0.19	0.92	176	<1	13.5	1.3
46874 (2343266)	4.8	3	616	<0.5	0.61	4.7	0.43	1.5	0.28	1.56	194	<1	19.5	1.8
46875 (2343267)	5.5	4	803	<0.5	0.64	4.5	0.49	1.1	0.30	1.20	227	<1	18.5	1.9
46876 (2343268)	8.3	4	1550	<0.5	0.63	7.2	0.35	<0.5	0.13	3.32	94	<1	12.5	1.0
46877 (2343269)	5.2	4	727	<0.5	0.59	5.2	0.41	0.7	0.21	2.40	183	<1	17.7	1.7
46878 (2343270)	5.3	3	294	0.5	0.60	8.4	0.38	1.6	0.27	3.22	137	<1	18.3	1.9
46879 (2343271)	6.4	1	614	<0.5	0.60	8.8	0.39	2.6	0.24	2.47	123	1	16.1	1.4
46880 (2343272)	5.4	1	368	<0.5	0.57	7.8	0.40	1.3	0.27	2.25	127	<1	15.9	1.5
46881 (2343273)	5.4	1	266	<0.5	0.60	7.8	0.42	2.1	0.20	2.23	148	<1	16.1	1.6
46882 (2343274)	4.7	2	304	<0.5	0.56	7.8	0.40	2.2	0.19	2.32	145	<1	15.5	1.4

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733213

PROJECT: 2021 Surimeau DDH Batch 28

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jun 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
46883 (2343275)	5.2	2	174	<0.5	0.58	7.7	0.41	2.0	0.22	2.27	145	2	16.2	1.6
46884 (2343276)	6.5	2	226	<0.5	0.61	8.4	0.43	1.2	0.26	2.29	146	<1	16.9	1.6
46885 (2343277)	4.7	1	359	0.6	0.52	7.3	0.40	0.9	0.24	2.01	134	<1	14.1	1.5
46886 (2343278)	4.7	7	276	<0.5	0.47	7.2	0.37	0.7	0.20	2.21	122	<1	15.9	1.4
46887 (2343279)	5.4	1	376	<0.5	0.54	7.4	0.39	0.7	0.26	2.31	130	<1	16.4	1.5
46888 (2343280)	4.7	1	358	<0.5	0.44	7.5	0.33	0.7	0.23	2.11	96	<1	13.8	1.3
46889 (2343281)	5.4	2	354	<0.5	0.54	8.0	0.42	0.7	0.21	2.34	130	<1	17.7	1.6
46890 (2343282)	5.0	1	185	0.5	0.55	11.1	0.32	0.6	0.24	3.19	100	<1	16.5	1.8
46891 (2343283)	6.7	2	257	<0.5	0.64	6.9	0.36	0.7	0.23	2.09	128	<1	19.1	1.8
46892 (2343284)	6.2	2	274	<0.5	0.67	7.9	0.38	0.7	0.28	2.32	137	<1	18.8	1.7
46893 (2343285)	5.6	2	274	<0.5	0.61	11.7	0.31	<0.5	0.25	3.90	87	<1	16.9	1.7
46894 (2343286)	4.3	1	317	0.5	0.50	7.5	0.37	0.5	0.22	2.20	116	<1	14.6	1.6
46895 C-DUP (2343287)	4.8	1	321	<0.5	0.51	7.7	0.37	0.5	0.21	2.34	113	<1	16.5	1.5
46896 (2343288)	5.4	1	398	0.5	0.53	7.6	0.37	<0.5	0.25	2.26	113	<1	14.9	1.4
46897 (2343289)	5.3	1	383	<0.5	0.56	7.5	0.39	<0.5	0.20	2.31	124	<1	16.3	1.5
46898 (2343290)	4.6	<1	287	<0.5	0.50	8.1	0.37	0.5	0.20	2.45	117	<1	13.8	1.4
46899 (2343291)	5.6	1	278	0.5	0.52	8.2	0.36	0.5	0.26	2.33	117	<1	16.2	1.6
46900 (2343292)	4.5	1	317	<0.5	0.50	7.2	0.37	<0.5	0.24	2.12	107	<1	14.1	1.6

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733213

PROJECT: 2021 Surimeau DDH Batch 28

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jun 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
46851 (2343243)	11200	156
46852 (2343244)	12	3.4
46853 (2343245)	4480	152
46854 (2343246)	10400	147
46855 (2343247)	54	30.8
46856 (2343248)	4020	136
46857 (2343249)	620	59.2
46858 (2343250)	148	12.9
46859 (2343251)	104	14.7
46860 (2343252)	78	13.4
46861 (2343253)	68	16.7
46862 C-DUP (2343254)	71	13.3
46863 (2343255)	142	74.5
46864 (2343256)	61	13.3
46865 (2343257)	57	12.4
46866 (2343258)	49	17.6
46867 (2343259)	64	15.8
46868 (2343260)	84	20.4
46869 (2343261)	120	17.5
46870 (2343262)	139	28.1
46871 (2343263)	143	46.2
46872 (2343264)	8	2.3
46873 (2343265)	604	83.8
46874 (2343266)	361	89.9
46875 (2343267)	271	89.6
46876 (2343268)	397	176
46877 (2343269)	722	98.8
46878 (2343270)	1030	124
46879 (2343271)	98	142
46880 (2343272)	93	132
46881 (2343273)	118	124
46882 (2343274)	159	128

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733213

PROJECT: 2021 Surimeau DDH Batch 28

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jun 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
46883 (2343275)	210	124
46884 (2343276)	166	129
46885 (2343277)	127	118
46886 (2343278)	101	118
46887 (2343279)	116	134
46888 (2343280)	139	135
46889 (2343281)	169	145
46890 (2343282)	170	162
46891 (2343283)	242	117
46892 (2343284)	237	124
46893 (2343285)	127	164
46894 (2343286)	97	130
46895 C-DUP (2343287)	102	138
46896 (2343288)	108	148
46897 (2343289)	106	138
46898 (2343290)	95	141
46899 (2343291)	85	136
46900 (2343292)	90	132

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733213

PROJECT: 2021 Surimeau DDH Batch 28

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jun 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
46851 (2343243)	80.08
46870 (2343262)	80.03
46890 (2343282)	85.64

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733213

PROJECT: 2021 Surimeau DDH Batch 28

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jun 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
46851 (2343243)	87.96
46870 (2343262)	89.53

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O733213

PROJECT: 2021 Surimeau DDH Batch 28

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2343243	1	1	0.0%	2343257	< 1	< 1	0.0%	2343268	< 1	< 1	0.0%	2343283	< 1	< 1	0.0%
Al	2343243	7.95	8.03	1.0%	2343257	2.91	2.96	1.7%	2343268	8.77	8.70	0.8%	2343283	7.85	7.79	0.8%
As	2343243	< 5	< 5	0.0%	2343257	< 5	< 5	0.0%	2343268	< 5	< 5	0.0%	2343283	< 5	< 5	0.0%
B	2343243	22	21	4.7%	2343257	< 20	< 20	0.0%	2343268	< 20	< 20	0.0%	2343283	29	30	3.4%
Ba	2343243	666	645	3.2%	2343257	< 0.5	0.6		2343268	675	670	0.7%	2343283	1090	1090	0.0%
Be	2343243	< 5	< 5	0.0%	2343257	< 5	< 5	0.0%	2343268	< 5	< 5	0.0%	2343283	< 5	< 5	0.0%
Bi	2343243	1.59	1.52	4.5%	2343257	0.73	0.90	20.9%	2343268	0.6	0.6	0.0%	2343283	0.3	0.3	0.0%
Ca	2343243	2.45	2.43	0.8%	2343257	4.75	4.70	1.1%	2343268	3.76	3.58	4.9%	2343283	1.41	1.41	0.0%
Cd	2343243	20.0	21.5	7.2%	2343257	< 0.2	< 0.2	0.0%	2343268	0.9	0.5		2343283	0.6	0.4	
Ce	2343243	68.2	67.7	0.7%	2343257	1.7	1.7	0.0%	2343268	87.2	92.5	5.9%	2343283	77.8	78.0	0.3%
Co	2343243	120	113	6.0%	2343257	91.1	91.6	0.5%	2343268	30.7	27.4	11.4%	2343283	25.4	24.9	2.0%
Cr	2343243	0.017	0.017	0.0%	2343257	0.216	0.216	0.0%	2343268	0.0412	0.0374	9.7%	2343283	0.021	0.021	0.0%
Cs	2343243	0.2	0.4		2343257	0.4	0.2		2343268	1.0	1.3	26.1%	2343283	1.63	1.92	16.3%
Cu	2343243	962	903	6.3%	2343257	77	77	0.0%	2343268	282	277	1.8%	2343283	52	51	1.9%
Dy	2343243	3.97	4.15	4.4%	2343257	0.73	0.82	11.6%	2343268	2.89	2.56	12.1%	2343283	3.32	3.18	4.3%
Er	2343243	2.41	2.45	1.6%	2343257	0.53	0.55	3.7%	2343268	1.19	0.94	23.5%	2343283	1.75	1.92	9.3%
Eu	2343243	2.49	2.39	4.1%	2343257	0.07	0.1	35.3%	2343268	1.66	1.96	16.6%	2343283	1.80	1.56	14.3%
Fe	2343243	7.53	7.49	0.5%	2343257	6.54	6.48	0.9%	2343268	4.39	4.09	7.1%	2343283	4.75	4.75	0.0%
Ga	2343243	24.6	24.3	1.2%	2343257	7.72	7.84	1.5%	2343268	19.5	20.1	3.0%	2343283	19.1	19.2	0.5%
Gd	2343243	4.89	5.10	4.2%	2343257	0.60	0.60	0.0%	2343268	5.62	5.61	0.2%	2343283	5.05	5.19	2.7%
Ge	2343243	1	1	0.0%	2343257	3	3	0.0%	2343268	2	2	0.0%	2343283	2	1	
Hf	2343243	4	4	0.0%	2343257	< 1	< 1	0.0%	2343268	5	5	0.0%	2343283	3	3	0.0%
Ho	2343243	0.85	0.89	4.6%	2343257	0.163	0.169	3.6%	2343268	0.46	0.40	14.0%	2343283	0.66	0.66	0.0%
In	2343243	4.4	4.5	2.2%	2343257	< 0.2	< 0.2	0.0%	2343268	0.38	0.30	23.5%	2343283	< 0.2	< 0.2	0.0%
K	2343243	0.778	0.731	6.2%	2343257	< 0.05	< 0.05	0.0%	2343268	0.45	0.46	2.2%	2343283	2.81	2.83	0.7%
La	2343243	31.4	32.5	3.4%	2343257	0.5	0.4	22.2%	2343268	41.1	44.2	7.3%	2343283	38.7	38.6	0.3%
Li	2343243	< 10	< 10	0.0%	2343257	< 10	< 10	0.0%	2343268	18	16	11.8%	2343283	50	47	6.2%
Lu	2343243	0.341	0.401	16.2%	2343257	0.06	0.08	28.6%	2343268	0.140	0.113	21.3%	2343283	0.224	0.272	19.4%
Mg	2343243	0.93	0.90	3.3%	2343257	15.7	15.3	2.6%	2343268	3.02	2.79	7.9%	2343283	2.41	2.38	1.3%
Mn	2343243	542	539	0.6%	2343257	1110	1100	0.9%	2343268	749	707	5.8%	2343283	815	819	0.5%
Mo	2343243	27	28	3.6%	2343257	< 2	< 2	0.0%	2343268	39	83		2343283	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2343243	7	7	0.0%	2343257	< 1	< 1	0.0%	2343268	6	5	18.2%	2343283	5	6	18.2%
Nd	2343243	30.8	32.1	4.1%	2343257	0.89	1.18	28.0%	2343268	43.0	45.5	5.6%	2343283	37.4	36.3	3.0%
Ni	2343243	417	413	1.0%	2343257	1480	1470	0.7%	2343268	143	124	14.2%	2343283	77	74	4.0%
P	2343243	0.05	0.05	0.0%	2343257	< 0.01	< 0.01	0.0%	2343268	0.12	0.12	0.0%	2343283	0.15	0.15	0.0%
Pb	2343243	52	52	0.0%	2343257	< 5	< 5	0.0%	2343268	33	34	3.0%	2343283	7	7	0.0%
Pr	2343243	7.84	8.00	2.0%	2343257	0.21	0.25	17.4%	2343268	10.7	11.3	5.5%	2343283	9.54	9.74	2.1%
Rb	2343243	19.9	19.8	0.5%	2343257	0.3	0.7		2343268	20.1	19.9	1.0%	2343283	123	123	0.0%
S	2343243	5.19	5.03	3.1%	2343257	0.569	0.563	1.1%	2343268	1.45	1.32	9.4%	2343283	0.397	0.394	0.8%
Sb	2343243	< 0.1	< 0.1	0.0%	2343257	< 0.1	< 0.1	0.0%	2343268	< 0.1	< 0.1	0.0%	2343283	< 0.1	< 0.1	0.0%
Sc	2343243	18	18	0.0%	2343257	20	19	5.1%	2343268	13	12	8.0%	2343283	18	19	5.4%
Si	2343243	26.7	26.9	0.7%	2343257	23.8	23.6	0.8%	2343268	28.4	28.0	1.4%	2343283	30.5	30.2	1.0%
Sm	2343243	4.94	5.63	13.1%	2343257	0.3	0.2		2343268	8.3	8.8	5.8%	2343283	6.7	7.4	9.9%
Sn	2343243	10	12	18.2%	2343257	< 1	< 1	0.0%	2343268	4	4	0.0%	2343283	2	2	0.0%
Sr	2343243	162	165	1.8%	2343257	25.5	24.8	2.8%	2343268	1550	1610	3.8%	2343283	257	254	1.2%
Ta	2343243	< 0.5	< 0.5	0.0%	2343257	< 0.5	< 0.5	0.0%	2343268	< 0.5	< 0.5	0.0%	2343283	< 0.5	< 0.5	0.0%
Tb	2343243	0.704	0.719	2.1%	2343257	0.113	0.104	8.3%	2343268	0.63	0.63	0.0%	2343283	0.64	0.66	3.1%
Th	2343243	8.7	8.3	4.7%	2343257	< 0.1	< 0.1	0.0%	2343268	7.2	7.1	1.4%	2343283	6.89	7.16	3.8%
Ti	2343243	0.314	0.319	1.6%	2343257	0.16	0.16	0.0%	2343268	0.35	0.34	2.9%	2343283	0.365	0.368	0.8%
Tl	2343243	0.54	0.56	3.6%	2343257	< 0.5	< 0.5	0.0%	2343268	< 0.5	< 0.5	0.0%	2343283	0.74	0.75	1.3%
Tm	2343243	0.363	0.314	14.5%	2343257	0.08	0.08	0.0%	2343268	0.13	0.13	0.0%	2343283	0.231	0.280	19.2%
U	2343243	2.65	2.50	5.8%	2343257	< 0.05	< 0.05	0.0%	2343268	3.32	3.14	5.6%	2343283	2.09	2.24	6.9%
V	2343243	109	109	0.0%	2343257	97	100	3.0%	2343268	94	92	2.2%	2343283	128	130	1.6%
W	2343243	< 1	< 1	0.0%	2343257	< 1	< 1	0.0%	2343268	< 1	1		2343283	< 1	< 1	0.0%
Y	2343243	22.7	22.5	0.9%	2343257	3.74	4.99	28.6%	2343268	12.5	12.7	1.6%	2343283	19.1	17.4	9.3%
Yb	2343243	2.40	2.32	3.4%	2343257	0.5	0.5	0.0%	2343268	1.0	0.8	22.2%	2343283	1.8	1.8	0.0%
Zn	2343243	11200	11500	2.6%	2343257	57	55	3.6%	2343268	397	340	15.5%	2343283	242	246	1.6%
Zr	2343243	156	156	0.0%	2343257	12.4	13.3	7.0%	2343268	176	178	1.1%	2343283	117	118	0.9%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O733213

PROJECT: 2021 Surimeau DDH Batch 28

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.32	98%	90% - 110%					6.94	7.06	102%	90% - 110%	13.0	13	100%	90% - 110%
As	26	27	104%	90% - 110%												
Ba	540	539	100%	90% - 110%									1310	1351	103%	90% - 110%
Be	4.0	3.4	84%	90% - 110%												
Ca	0.907	0.894	99%	90% - 110%					4.01	4.06	101%	90% - 110%	1.42	1.38	97%	90% - 110%
Ce	98	106	108%	90% - 110%	58.2	60.4	103%	90% - 110%								
Co	15	15	98%	90% - 110%												
Cu	150	157	105%	90% - 110%									6.4	6.2	96%	90% - 110%
Er	3.7	4.3	115%	90% - 110%												
Fe	3.77	3.81	101%	90% - 110%					7.56	7.75	102%	90% - 110%	3.27	3.31	101%	90% - 110%
Ga					22.6	21.6	95%	90% - 110%								
Hf	11	10	90%	90% - 110%												
K	2.55	2.53	99%	90% - 110%					2.02	2	99%	90% - 110%	3.68	3.61	98%	90% - 110%
La	44	47	107%	90% - 110%	27.5	30.1	109%	90% - 110%								
Li	47	51	109%	90% - 110%									65.0	71.1	109%	90% - 110%
Lu	0.6	0.6	103%	90% - 110%												
Mg	1.1	1.1	103%	90% - 110%					2.41	2.48	103%	90% - 110%				
Mn	780	784	100%	90% - 110%												
Mo	14	13	96%	90% - 110%												
Nb	20	19	93%	90% - 110%	22.6	22	97%	90% - 110%								
Nd					27.3	27.3	100%	90% - 110%								
Ni	32	34	106%	90% - 110%												
P													0.061	0.056	92%	90% - 110%
Pb	31	32	103%	90% - 110%												
Rb	144	149	104%	90% - 110%	85.4	90.3	106%	90% - 110%								
Sb	0.8	0.8	95%	90% - 110%												
Sc	12	12	103%	90% - 110%												
Si	28.4	29.5	104%	90% - 110%					23.65	24.95	105%	90% - 110%	24.4	25.4	104%	90% - 110%
Sm	7.4	8.0	108%	90% - 110%												
Sr	144	152	105%	90% - 110%									310	322	104%	90% - 110%
Ta	1.9	1.6	83%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Tb	1.2	1.2	96%	90% - 110%												
Th	18.4	19.6	107%	90% - 110%												
Ti	0.527	0.523	99%	90% - 110%									0.222	0.218	98%	90% - 110%
U	5.7	5.4	95%	90% - 110%												
V	77	79	102%	90% - 110%												
W	5	5	108%	90% - 110%												
Y	40	39	99%	90% - 110%	25.3	25.6	101%	90% - 110%								
Yb					2.66	2.88	108%	90% - 110%								
Zn	130	118	91%	90% - 110%									75.4	77.9	103%	90% - 110%
Zr	390	389	100%	90% - 110%	157	154	98%	90% - 110%								

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O733213

PROJECT: 2021 Surimeau DDH Batch 28

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O733213

PROJECT: 2021 Surimeau DDH Batch 28

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O733213

PROJECT: 2021 Surimeau DDH Batch 28

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 27

AGAT WORK ORDER: 21O733214

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Jul 23, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733214

PROJECT: 2021 Surimeau DDH Batch 27

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
46801 (2343299)	3.20
46802 (2343300)	0.84
46803 (2343301)	4.12
46804 (2343302)	3.86
46805 (2343303)	4.59
46806 (2343304)	2.85
46807 (2343305)	3.19
46808 (2343306)	3.28
46809 (2343307)	2.62
46810 (2343308)	2.72
46811 (2343309)	4.54
46812 C-DUP (2343310)	-
46813 (2343311)	3.69
46814 (2343312)	1.97
46815 (2343313)	2.17
46816 (2343314)	4.46
46817 (2343315)	1.70
46818 (2343316)	2.79
46819 (2343317)	2.95
46820 (2343318)	3.36
46821 (2343319)	2.87
46822 (2343320)	0.71
46823 (2343321)	2.95
46824 (2343322)	3.38
46825 (2343323)	2.76
46826 (2343324)	3.31
46827 (2343325)	3.68
46828 (2343326)	2.85
46829 (2343327)	3.07
46830 (2343328)	3.07
46831 (2343329)	3.62

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733214

PROJECT: 2021 Surimeau DDH Batch 27

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
46832 (2343330)	2.36
46833 (2343331)	2.60
46834 (2343332)	2.54
46835 (2343333)	2.55
46836 (2343334)	1.20
46837 (2343335)	3.66
46838 (2343336)	2.64
46839 (2343337)	0.85
46840 (2343338)	3.23
46841 (2343339)	1.35
46842 (2343340)	1.49
46843 (2343341)	2.85
46844 (2343342)	2.81
46845 C-DUP (2343343)	-
46846 (2343344)	2.93
46847 (2343345)	2.39
46848 (2343346)	1.66
46849 (2343347)	3.70
46850 (2343348)	1.02

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733214

PROJECT: 2021 Surimeau DDH Batch 27

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
46801 (2343299)	<1	3.09	<5	<20	5.2	<5	0.8	4.10	<0.2	2.2	98.8	0.216	0.8	49
46802 (2343300)	<1	0.03	<5	<20	16.2	<5	<0.1	35.4	<0.2	0.7	<0.5	<0.005	<0.1	<5
46803 (2343301)	<1	3.29	<5	<20	374	<5	0.8	4.41	0.2	3.5	88.3	0.209	29.6	31
46804 (2343302)	<1	3.74	<5	<20	283	<5	0.9	4.55	0.2	2.3	89.7	0.202	37.6	7
46805 (2343303)	<1	2.84	<5	<20	75.4	<5	0.8	6.06	<0.2	2.3	82.8	0.179	8.8	32
46806 (2343304)	<1	3.09	<5	<20	9.7	<5	0.7	6.07	<0.2	1.8	96.9	0.204	0.5	53
46807 (2343305)	<1	6.46	<5	<20	848	<5	0.9	2.47	<0.2	3.2	168	0.454	44.2	129
46808 (2343306)	<1	7.39	<5	<20	316	<5	0.8	2.37	<0.2	6.4	175	0.386	16.7	176
46809 (2343307)	<1	6.70	<5	<20	224	<5	0.7	5.24	<0.2	24.3	136	0.307	2.8	100
46810 (2343308)	<1	6.91	<5	<20	216	<5	0.7	4.78	0.7	17.0	168	0.319	3.9	195
46811 (2343309)	<1	8.05	<5	<20	196	<5	0.7	2.01	2.0	52.4	44.4	0.024	2.4	348
46812 C-DUP (2343310)	<1	8.35	<5	<20	193	<5	0.5	2.08	1.1	51.6	42.2	0.024	2.6	350
46813 (2343311)	<1	7.13	13	<20	501	<5	1.9	1.31	9.7	48.1	128	0.039	1.4	712
46814 (2343312)	<1	8.05	<5	<20	572	<5	1.0	0.99	2.4	63.9	37.7	0.023	2.0	436
46815 (2343313)	<1	8.05	<5	<20	632	<5	1.3	0.90	2.8	74.9	38.4	0.024	1.9	723
46816 (2343314)	<1	8.14	<5	<20	554	<5	0.4	1.16	0.4	56.5	21.8	0.024	1.9	196
46817 (2343315)	<1	8.83	<5	<20	610	<5	1.8	2.03	1.7	64.6	41.1	0.028	2.9	321
46818 (2343316)	<1	6.66	13	<20	336	<5	5.8	1.88	8.4	62.2	170	0.017	0.7	686
46819 (2343317)	<1	8.00	<5	<20	452	<5	7.8	2.34	9.2	77.6	83.0	0.016	0.2	1100
46820 (2343318)	<1	8.33	<5	<20	415	<5	10.8	2.27	10.6	68.7	65.1	0.018	0.2	885
46821 (2343319)	<1	9.03	<5	<20	437	5	45.4	3.02	11.0	79.8	69.7	0.020	0.6	761
46822 (2343320)	<1	0.03	<5	<20	16.4	<5	0.2	34.9	<0.2	0.9	<0.5	<0.005	<0.1	<5
46823 (2343321)	<1	8.56	8	<20	387	<5	20.6	2.87	11.1	78.9	126	0.017	0.5	1070
46824 (2343322)	<1	8.49	7	<20	517	<5	16.9	2.76	7.7	75.4	87.7	0.023	2.0	1330
46825 (2343323)	<1	8.62	9	<20	443	<5	3.0	2.36	2.8	64.9	47.1	0.026	2.1	587
46826 (2343324)	<1	7.20	7	<20	253	<5	3.5	1.73	3.6	53.7	87.2	0.021	1.6	959
46827 (2343325)	<1	8.03	<5	<20	425	<5	1.0	1.07	3.1	50.8	37.4	0.023	2.7	638
46828 (2343326)	<1	8.15	10	<20	368	<5	0.5	1.01	0.6	53.8	27.0	0.023	4.0	163
46829 (2343327)	<1	7.38	31	<20	592	<5	1.2	1.07	20.9	55.0	51.3	0.021	1.9	730
46830 (2343328)	<1	7.92	21	<20	408	<5	0.6	1.05	0.2	52.3	29.7	0.027	2.4	180
46831 (2343329)	<1	8.27	19	<20	357	<5	0.4	1.11	1.0	55.4	28.3	0.023	3.9	131
46832 (2343330)	<1	6.88	115	<20	600	<5	2.6	0.89	9.7	55.1	59.1	0.020	1.4	663

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733214

PROJECT: 2021 Surimeau DDH Batch 27

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
46833 (2343331)	2	6.89	62	<20	689	<5	1.8	0.65	12.2	55.4	56.4	0.026	1.5	528
46834 (2343332)	2	6.71	107	<20	906	<5	1.9	0.45	6.0	39.3	68.5	0.018	1.2	319
46835 (2343333)	3	5.86	110	<20	322	<5	2.6	0.71	7.9	44.2	92.3	0.017	1.2	861
46836 (2343334)	<1	8.00	123	<20	471	<5	1.1	1.47	2.8	52.3	42.3	0.025	2.1	302
46837 (2343335)	<1	7.90	15	<20	446	<5	0.3	1.13	3.5	52.9	46.8	0.023	2.2	313
46838 (2343336)	<1	8.87	<5	<20	248	<5	0.5	2.02	1.4	59.1	30.2	0.027	1.0	564
46839 (2343337)	<1	8.59	<5	<20	289	<5	0.3	1.50	<0.2	56.2	25.8	0.030	0.9	235
46840 (2343338)	<1	8.51	12	<20	359	<5	0.4	2.13	1.0	58.6	32.9	0.029	2.0	225
46841 (2343339)	<1	5.52	129	<20	242	<5	4.7	0.82	10.6	45.8	93.1	0.017	0.9	465
46842 (2343340)	<1	5.45	115	<20	249	<5	4.5	0.78	11.1	40.4	93.5	0.019	1.0	386
46843 (2343341)	<1	6.32	<5	<20	247	<5	0.9	1.39	6.1	54.0	48.1	0.017	1.2	1350
46844 (2343342)	<1	8.29	<5	<20	549	<5	0.3	1.29	0.4	50.7	25.7	0.028	2.4	161
46845 C-DUP (2343343)	<1	8.30	<5	<20	565	<5	0.3	1.29	<0.2	53.9	23.4	0.029	3.0	166
46846 (2343344)	1	8.46	<5	<20	492	<5	0.4	1.17	<0.2	49.4	59.9	0.027	2.8	161
46847 (2343345)	<1	8.76	32	<20	398	<5	1.4	2.11	2.6	70.4	55.6	0.027	2.4	463
46848 (2343346)	1	8.31	<5	<20	259	<5	5.1	2.86	9.6	55.1	90.4	0.026	1.2	726
46849 (2343347)	2	7.57	<5	<20	558	<5	5.1	2.25	25.8	46.6	106	0.017	0.6	722
46850 (2343348)	<1	6.98	<5	<20	200	<5	0.5	5.73	0.2	40.6	39.7	0.020	0.9	441

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733214

PROJECT: 2021 Surimeau DDH Batch 27

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
46801 (2343299)	1.36	0.94	<0.05	6.94	7.32	0.97	2	<1	0.29	<0.2	<0.05	1.0	<10	0.09
46802 (2343300)	0.16	0.05	<0.05	0.11	0.08	0.18	1	<1	<0.05	<0.2	<0.05	1.1	<10	<0.05
46803 (2343301)	1.43	0.87	<0.05	6.70	9.12	1.40	3	<1	0.33	<0.2	2.31	1.3	92	0.11
46804 (2343302)	1.21	0.67	<0.05	6.54	11.1	0.92	3	<1	0.23	<0.2	3.20	0.8	151	0.08
46805 (2343303)	1.04	0.76	<0.05	6.51	8.28	0.89	3	<1	0.24	<0.2	0.72	0.6	81	0.09
46806 (2343304)	1.24	0.69	<0.05	6.89	8.92	0.82	3	<1	0.21	<0.2	0.07	0.8	20	0.09
46807 (2343305)	3.03	2.05	0.07	10.2	19.2	1.87	2	<1	0.69	<0.2	4.53	1.2	284	0.29
46808 (2343306)	3.48	2.25	0.25	9.29	16.2	2.48	2	1	0.78	<0.2	1.64	3.0	134	0.34
46809 (2343307)	2.91	1.65	0.55	8.57	16.2	3.24	2	1	0.49	<0.2	0.49	11.7	39	0.20
46810 (2343308)	3.21	2.13	0.49	10.0	16.8	2.68	3	2	0.68	<0.2	0.70	9.2	42	0.27
46811 (2343309)	3.02	1.95	1.05	5.24	20.8	3.85	4	4	0.63	0.2	0.76	23.6	32	0.28
46812 C-DUP (2343310)	3.03	1.97	0.83	5.38	21.2	3.88	4	4	0.70	<0.2	0.80	23.1	33	0.34
46813 (2343311)	3.51	2.13	0.77	9.23	22.8	4.08	2	4	0.84	2.1	1.76	19.6	34	0.33
46814 (2343312)	2.88	1.43	1.03	3.97	25.1	3.89	2	4	0.55	0.3	1.99	30.4	40	0.26
46815 (2343313)	3.20	1.50	1.16	4.69	25.0	4.52	2	4	0.58	0.5	2.25	36.0	47	0.22
46816 (2343314)	2.59	1.50	0.73	3.12	21.7	3.62	2	4	0.50	<0.2	1.98	26.9	43	0.21
46817 (2343315)	3.48	2.06	1.26	4.65	22.3	4.53	1	4	0.82	0.3	1.31	30.4	55	0.31
46818 (2343316)	3.19	1.82	1.23	10.3	16.7	3.98	<1	5	0.69	0.7	0.42	28.9	20	0.83
46819 (2343317)	4.13	2.27	1.53	12.3	19.6	4.48	1	5	0.73	0.9	0.20	36.9	<10	0.39
46820 (2343318)	3.34	1.96	1.22	10.4	21.9	4.33	1	4	0.73	1.0	0.17	31.0	<10	0.32
46821 (2343319)	3.81	2.17	2.10	7.81	21.3	5.30	1	5	0.93	1.1	0.20	38.7	11	0.47
46822 (2343320)	0.27	0.14	<0.05	0.08	0.13	0.17	2	<1	<0.05	<0.2	<0.05	1.4	<10	<0.05
46823 (2343321)	4.56	2.55	1.89	11.3	21.0	5.22	1	4	0.87	1.1	0.21	37.4	14	0.38
46824 (2343322)	4.01	2.27	1.44	8.70	22.8	5.03	1	4	0.81	0.8	0.80	35.8	38	0.34
46825 (2343323)	3.48	1.69	1.46	6.43	23.2	4.25	2	4	0.71	<0.2	1.80	30.2	53	0.33
46826 (2343324)	2.46	1.45	0.95	8.51	19.1	3.38	2	4	0.53	0.7	1.36	25.3	36	0.24
46827 (2343325)	2.63	1.40	0.60	4.69	24.4	3.52	2	3	0.58	0.4	2.97	23.9	63	0.19
46828 (2343326)	2.05	1.33	0.68	3.86	23.0	3.47	2	3	0.46	<0.2	3.09	25.8	73	0.17
46829 (2343327)	3.23	1.81	1.00	4.70	28.6	3.58	2	4	0.61	4.8	2.60	26.5	34	0.25
46830 (2343328)	2.78	1.25	0.74	3.84	23.5	3.49	2	3	0.49	<0.2	2.66	25.8	56	0.21
46831 (2343329)	2.66	1.55	0.80	3.77	23.7	3.50	2	4	0.51	<0.2	2.89	26.6	67	0.19
46832 (2343330)	2.99	1.89	1.06	7.15	26.5	3.77	1	3	0.59	2.6	2.47	26.0	31	0.28

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733214

PROJECT: 2021 Surimeau DDH Batch 27

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
46833 (2343331)	3.32	1.83	1.16	6.61	24.1	4.05	2	3	0.63	2.3	2.92	26.1	43	0.24
46834 (2343332)	2.87	1.44	0.73	7.91	19.5	2.87	1	3	0.54	1.2	3.01	17.0	28	0.26
46835 (2343333)	2.59	1.51	1.06	11.8	19.1	3.33	2	3	0.49	1.3	1.59	19.5	37	0.22
46836 (2343334)	3.04	1.77	1.48	6.18	20.6	3.63	2	4	0.61	0.2	2.43	25.3	45	0.26
46837 (2343335)	2.59	1.50	1.00	5.31	22.9	3.34	2	3	0.47	0.5	2.62	25.1	46	0.24
46838 (2343336)	3.13	1.65	1.36	4.24	23.1	3.85	1	4	0.64	0.4	0.81	27.6	24	0.20
46839 (2343337)	2.63	1.46	0.92	3.45	24.3	3.41	1	4	0.51	<0.2	1.02	25.9	29	0.16
46840 (2343338)	2.94	1.59	1.10	4.06	22.6	3.59	2	4	0.50	<0.2	1.47	27.8	33	0.22
46841 (2343339)	3.14	1.79	1.02	8.89	16.3	3.70	2	3	0.66	1.5	1.49	20.9	20	0.28
46842 (2343340)	3.07	1.99	1.00	8.58	16.1	3.48	1	3	0.61	1.7	1.52	17.9	18	0.32
46843 (2343341)	3.12	1.71	1.18	8.30	17.8	3.82	2	3	0.56	0.6	1.51	24.9	21	0.30
46844 (2343342)	2.62	1.50	0.49	4.49	20.5	3.44	2	4	0.52	<0.2	2.66	24.6	43	0.17
46845 C-DUP (2343343)	2.56	1.44	0.52	4.38	20.7	3.53	2	4	0.53	<0.2	2.65	25.8	43	0.22
46846 (2343344)	2.35	1.20	0.56	4.60	19.8	3.47	2	3	0.44	<0.2	2.56	25.5	45	0.18
46847 (2343345)	3.25	1.81	1.05	5.54	22.8	4.32	3	4	0.68	0.6	1.46	33.0	34	0.24
46848 (2343346)	2.89	1.90	1.08	5.63	23.6	3.83	1	4	0.57	1.7	0.97	26.7	17	0.24
46849 (2343347)	3.78	2.09	1.45	7.12	26.9	4.28	2	4	0.69	4.6	1.49	20.8	<10	0.31
46850 (2343348)	3.02	1.99	1.14	7.38	17.3	3.90	6	2	0.58	<0.2	0.60	19.0	35	0.17

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733214

PROJECT: 2021 Surimeau DDH Batch 27

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
46801 (2343299)	15.1	1140	<2	<1	1.5	1190	<0.01	<5	0.35	0.8	0.26	<0.1	21	20.1
46802 (2343300)	1.84	116	<2	<1	0.7	<5	<0.01	<5	0.15	0.3	0.41	<0.1	<5	5.19
46803 (2343301)	12.9	1180	<2	<1	3.6	969	<0.01	<5	0.66	97.5	0.17	<0.1	23	23.5
46804 (2343302)	11.9	1110	<2	1	1.8	862	<0.01	<5	0.32	130	0.09	0.1	22	23.1
46805 (2343303)	12.6	1680	<2	<1	1.5	1020	<0.01	17	0.41	30.5	0.31	<0.1	19	24.3
46806 (2343304)	13.4	2120	<2	<1	1.8	1140	<0.01	<5	0.34	2.8	0.72	<0.1	21	23.4
46807 (2343305)	9.95	1980	<2	2	2.9	1590	0.01	10	0.55	188	0.54	<0.1	41	20.2
46808 (2343306)	5.60	2850	<2	<1	5.0	1570	<0.01	15	0.88	70.8	1.30	<0.1	46	23.7
46809 (2343307)	4.73	2700	<2	2	14.3	1410	0.04	17	3.04	18.3	1.11	<0.1	38	24.6
46810 (2343308)	3.82	2890	3	2	9.8	1620	0.02	16	2.05	23.1	1.68	<0.1	38	24.3
46811 (2343309)	1.58	951	2	6	23.6	196	0.05	19	6.42	29.6	2.23	<0.1	16	28.6
46812 C-DUP (2343310)	1.54	1000	2	5	25.6	191	0.05	18	6.48	29.4	2.21	<0.1	16	29.8
46813 (2343311)	1.06	355	4	6	23.9	604	0.03	66	6.21	53.5	6.01	<0.1	15	26.3
46814 (2343312)	0.77	189	5	6	30.0	159	0.05	63	7.38	67.2	2.25	<0.1	14	30.4
46815 (2343313)	0.89	212	3	7	33.3	167	0.05	65	9.22	78.4	2.55	<0.1	15	29.2
46816 (2343314)	0.87	265	16	6	24.2	83	0.04	18	6.91	61.1	1.64	<0.1	13	31.3
46817 (2343315)	1.31	432	14	7	32.0	168	0.04	21	8.06	53.2	2.31	<0.1	19	28.3
46818 (2343316)	0.90	381	19	6	28.1	340	0.03	26	7.28	13.6	5.76	<0.1	16	26.7
46819 (2343317)	0.93	511	38	7	31.7	475	0.03	28	9.36	3.3	6.94	<0.1	18	24.0
46820 (2343318)	0.87	517	28	8	32.6	393	0.02	27	8.20	2.4	5.53	<0.1	17	25.1
46821 (2343319)	0.91	433	64	8	36.3	253	0.06	45	10.1	5.3	4.40	<0.1	21	25.7
46822 (2343320)	1.45	86	<2	<1	0.9	<5	<0.01	<5	0.21	<0.2	0.41	<0.1	<5	5.02
46823 (2343321)	1.02	425	122	8	39.1	365	0.04	32	9.60	4.2	6.42	<0.1	23	24.0
46824 (2343322)	1.43	484	49	7	33.1	275	0.05	42	9.18	32.6	4.98	<0.1	22	25.1
46825 (2343323)	1.26	493	5	6	31.3	214	0.04	52	7.85	80.6	3.62	<0.1	20	26.4
46826 (2343324)	0.96	529	4	6	25.2	336	0.03	79	6.16	58.0	4.87	<0.1	13	25.9
46827 (2343325)	1.53	468	2	6	22.7	150	0.04	31	6.18	104	2.57	<0.1	15	29.1
46828 (2343326)	1.83	467	<2	7	25.3	103	0.05	17	6.58	115	2.35	<0.1	15	29.6
46829 (2343327)	0.87	274	16	6	25.0	159	0.03	33	6.88	96.7	3.36	<0.1	16	26.7
46830 (2343328)	1.19	256	3	5	24.0	76	0.05	24	6.74	92.6	2.69	<0.1	13	31.2
46831 (2343329)	1.65	467	<2	6	23.3	99	0.04	19	6.76	103	2.85	<0.1	15	29.8
46832 (2343330)	1.04	273	7	7	27.5	188	0.04	73	6.79	104	5.86	0.4	14	23.6

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733214

PROJECT: 2021 Surimeau DDH Batch 27

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
46833 (2343331)	1.45	369	7	5	27.7	164	0.05	40	6.87	98.3	4.71	0.2	16	24.7
46834 (2343332)	0.89	237	9	6	18.7	143	0.03	41	5.07	105	6.60	0.4	13	23.2
46835 (2343333)	1.30	374	13	5	21.4	227	0.05	52	5.27	58.7	9.70	0.5	13	21.0
46836 (2343334)	1.21	334	4	7	24.4	103	0.05	34	6.60	101	4.94	0.3	14	25.3
46837 (2343335)	1.31	308	42	6	22.9	141	0.03	27	6.50	81.5	3.67	<0.1	15	28.8
46838 (2343336)	1.15	309	33	8	29.6	109	0.05	24	7.18	23.2	2.31	<0.1	16	29.4
46839 (2343337)	1.10	285	21	11	25.1	83	0.02	18	6.44	36.3	1.77	<0.1	16	29.0
46840 (2343338)	1.55	305	7	7	26.8	114	0.05	23	7.00	59.8	2.45	<0.1	16	29.4
46841 (2343339)	0.76	247	11	6	21.7	194	0.03	89	5.73	54.4	6.93	0.5	12	21.8
46842 (2343340)	0.70	239	12	7	20.8	196	0.03	61	5.17	57.4	6.84	0.4	13	21.6
46843 (2343341)	0.82	326	31	6	25.0	213	0.03	27	6.20	65.3	5.14	<0.1	15	23.3
46844 (2343342)	1.47	363	6	6	22.5	96	0.04	14	6.06	79.2	2.37	<0.1	15	29.5
46845 C-DUP (2343343)	1.63	362	5	6	24.0	93	0.05	13	6.09	79.3	2.35	<0.1	16	29.4
46846 (2343344)	1.84	452	<2	6	24.2	107	0.05	13	5.68	84.1	2.45	<0.1	16	29.0
46847 (2343345)	1.50	530	5	7	30.9	230	0.04	26	8.13	61.5	2.98	<0.1	21	26.2
46848 (2343346)	0.81	533	106	6	25.6	240	0.05	200	6.70	30.5	3.16	<0.1	17	27.8
46849 (2343347)	0.82	449	8	6	23.2	329	0.04	175	6.32	46.1	4.34	<0.1	17	24.8
46850 (2343348)	3.73	1400	<2	3	23.9	53	0.12	32	5.34	28.0	3.48	<0.1	32	23.7

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733214

PROJECT: 2021 Surimeau DDH Batch 27

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
46801 (2343299)	0.6	<1	146	<0.5	0.17	0.1	0.17	<0.5	0.12	<0.05	112	<1	7.2	0.8
46802 (2343300)	0.4	<1	79.4	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.07	<5	<1	2.1	0.1
46803 (2343301)	0.7	<1	30.1	<0.5	0.22	0.2	0.18	1.6	0.14	0.07	122	<1	8.2	0.8
46804 (2343302)	0.4	<1	31.2	<0.5	0.23	0.2	0.19	2.3	0.08	0.05	105	<1	5.9	0.6
46805 (2343303)	0.6	<1	28.2	<0.5	0.15	<0.1	0.14	0.6	0.12	0.05	111	<1	6.3	0.6
46806 (2343304)	0.3	<1	21.2	<0.5	0.13	<0.1	0.16	<0.5	0.07	0.12	108	<1	6.2	0.6
46807 (2343305)	1.2	7	48.8	<0.5	0.39	<0.1	0.41	3.8	0.30	0.14	267	<1	18.7	2.0
46808 (2343306)	1.9	5	257	<0.5	0.48	0.1	0.39	1.8	0.33	0.09	269	<1	19.0	2.0
46809 (2343307)	2.6	3	293	<0.5	0.49	1.9	0.38	0.6	0.24	0.63	225	<1	15.2	1.5
46810 (2343308)	1.8	3	207	<0.5	0.44	1.2	0.35	0.7	0.23	0.46	214	<1	17.4	1.7
46811 (2343309)	4.4	5	190	0.5	0.55	6.1	0.34	1.3	0.32	1.80	93	<1	17.0	2.1
46812 C-DUP (2343310)	3.9	4	197	0.5	0.54	6.0	0.35	1.4	0.32	1.97	90	<1	18.0	1.9
46813 (2343311)	5.0	11	97.4	0.7	0.58	8.1	0.29	2.5	0.36	2.39	99	<1	18.9	2.2
46814 (2343312)	5.1	10	86.8	0.7	0.53	8.6	0.31	3.7	0.24	2.73	98	<1	14.8	1.4
46815 (2343313)	5.4	10	84.3	0.5	0.58	10.8	0.31	4.1	0.24	3.00	96	<1	15.9	1.6
46816 (2343314)	4.1	8	82.5	0.6	0.48	7.3	0.32	3.6	0.18	2.30	91	<1	12.3	1.3
46817 (2343315)	6.0	5	135	0.6	0.63	8.4	0.35	3.4	0.27	2.52	114	<1	20.0	1.8
46818 (2343316)	4.7	3	88.9	0.9	0.54	9.2	0.21	1.1	0.55	2.90	67	2	18.8	2.5
46819 (2343317)	5.5	5	88.2	0.7	0.63	11.7	0.25	<0.5	0.36	3.04	74	1	19.8	2.3
46820 (2343318)	4.9	5	79.9	0.8	0.57	9.9	0.28	<0.5	0.28	2.80	76	<1	17.7	2.2
46821 (2343319)	6.7	4	91.9	0.8	0.72	10.3	0.31	<0.5	0.34	3.13	84	<1	22.9	2.3
46822 (2343320)	0.2	<1	76.1	<0.5	<0.05	0.1	<0.01	<0.5	<0.05	0.17	<5	<1	1.5	0.1
46823 (2343321)	6.5	5	70.2	0.7	0.74	10.1	0.29	<0.5	0.38	2.91	89	<1	24.0	2.5
46824 (2343322)	5.5	8	97.5	0.7	0.71	10.0	0.32	1.7	0.31	2.79	108	<1	21.9	2.2
46825 (2343323)	5.3	8	95.7	0.6	0.59	7.7	0.34	2.9	0.28	2.36	110	<1	18.5	1.9
46826 (2343324)	4.6	11	79.7	0.5	0.45	6.9	0.27	2.5	0.20	2.02	83	<1	13.6	1.3
46827 (2343325)	4.5	13	68.2	0.6	0.46	6.6	0.32	5.6	0.20	1.92	100	<1	14.9	1.2
46828 (2343326)	4.5	9	69.6	0.6	0.42	6.8	0.32	6.6	0.18	1.92	99	<1	13.0	1.2
46829 (2343327)	5.0	10	157	0.5	0.51	6.2	0.30	3.2	0.24	1.96	88	2	16.9	1.4
46830 (2343328)	5.0	10	92.1	<0.5	0.45	7.5	0.31	4.9	0.17	2.42	90	<1	12.6	1.2
46831 (2343329)	3.8	6	88.3	0.5	0.46	7.1	0.33	6.2	0.17	2.13	100	<1	13.9	1.2
46832 (2343330)	4.8	7	171	0.6	0.54	7.7	0.28	3.0	0.25	2.66	84	<1	15.9	1.6

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733214

PROJECT: 2021 Surimeau DDH Batch 27

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
46833 (2343331)	5.0	19	108	<0.5	0.55	6.8	0.28	2.4	0.26	1.80	105	<1	16.8	1.6
46834 (2343332)	3.4	7	138	0.5	0.41	6.3	0.28	2.5	0.23	1.94	88	1	13.0	1.5
46835 (2343333)	4.7	8	140	0.5	0.46	7.3	0.23	1.7	0.20	2.36	82	2	14.6	1.5
46836 (2343334)	3.9	8	218	0.7	0.49	8.6	0.30	3.1	0.26	2.53	78	<1	16.6	1.6
46837 (2343335)	3.9	7	142	0.6	0.43	7.8	0.30	3.3	0.21	2.37	110	<1	13.2	1.2
46838 (2343336)	5.2	6	174	0.8	0.53	8.0	0.36	1.0	0.27	2.99	136	<1	15.6	1.6
46839 (2343337)	4.3	6	147	0.7	0.46	7.4	0.34	1.3	0.17	2.81	103	<1	13.8	1.5
46840 (2343338)	4.9	5	157	0.6	0.48	7.4	0.35	2.6	0.22	2.52	105	<1	15.3	1.4
46841 (2343339)	3.7	6	126	0.6	0.55	8.6	0.20	1.6	0.28	2.43	59	1	18.0	1.6
46842 (2343340)	4.1	10	123	0.6	0.53	7.4	0.20	1.7	0.26	2.24	58	1	17.9	1.9
46843 (2343341)	3.7	6	156	0.6	0.52	9.5	0.21	1.2	0.24	2.91	83	1	16.4	1.6
46844 (2343342)	4.1	2	112	0.5	0.46	7.4	0.34	3.6	0.21	2.38	107	<1	12.9	1.1
46845 C-DUP (2343343)	3.9	2	111	0.5	0.44	7.1	0.34	3.4	0.19	2.17	111	<1	14.0	1.2
46846 (2343344)	4.0	1	97.1	<0.5	0.45	6.8	0.35	3.4	0.23	2.12	112	<1	13.6	1.2
46847 (2343345)	5.2	4	144	0.7	0.61	8.6	0.36	2.1	0.28	2.49	130	<1	17.5	1.7
46848 (2343346)	4.9	12	358	0.6	0.53	7.6	0.32	1.0	0.26	3.92	98	<1	16.0	1.6
46849 (2343347)	4.3	25	172	0.6	0.60	5.7	0.34	1.2	0.31	1.68	101	<1	19.6	1.8
46850 (2343348)	5.1	11	346	<0.5	0.52	4.3	0.42	0.5	0.32	1.36	223	<1	16.7	1.8

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733214

PROJECT: 2021 Surimeau DDH Batch 27

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
46801 (2343299)	55	20.9
46802 (2343300)	<5	2.1
46803 (2343301)	120	17.4
46804 (2343302)	207	12.7
46805 (2343303)	181	11.4
46806 (2343304)	107	12.6
46807 (2343305)	220	32.5
46808 (2343306)	164	35.4
46809 (2343307)	169	54.4
46810 (2343308)	490	62.1
46811 (2343309)	939	146
46812 C-DUP (2343310)	956	139
46813 (2343311)	5070	134
46814 (2343312)	1260	153
46815 (2343313)	1580	157
46816 (2343314)	169	137
46817 (2343315)	1390	143
46818 (2343316)	4270	131
46819 (2343317)	5330	152
46820 (2343318)	5500	155
46821 (2343319)	5200	174
46822 (2343320)	6	4.4
46823 (2343321)	5780	172
46824 (2343322)	3960	154
46825 (2343323)	1540	130
46826 (2343324)	1900	128
46827 (2343325)	1800	120
46828 (2343326)	430	120
46829 (2343327)	10800	132
46830 (2343328)	192	142
46831 (2343329)	669	129
46832 (2343330)	5500	136

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733214

PROJECT: 2021 Surimeau DDH Batch 27

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
46833 (2343331)	6320	114
46834 (2343332)	3170	132
46835 (2343333)	4190	134
46836 (2343334)	1420	156
46837 (2343335)	2060	135
46838 (2343336)	873	152
46839 (2343337)	232	139
46840 (2343338)	566	149
46841 (2343339)	6280	118
46842 (2343340)	7420	113
46843 (2343341)	3030	117
46844 (2343342)	91	137
46845 C-DUP (2343343)	85	135
46846 (2343344)	122	127
46847 (2343345)	2030	144
46848 (2343346)	5220	138
46849 (2343347)	13700	144
46850 (2343348)	260	76.6

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733214

PROJECT: 2021 Surimeau DDH Batch 27

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
46801 (2343299)	88.11
46820 (2343318)	78.43
46840 (2343338)	75.04

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733214

PROJECT: 2021 Surimeau DDH Batch 27

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
46801 (2343299)	85.59
46820 (2343318)	87.30
46839 (2343337)	85.49

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Certified By: Sherin Moussa

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2343299	< 1	< 1	0.0%	2343313	< 1	< 1	0.0%	2343324	< 1	< 1	0.0%	2343339	< 1	< 1	0.0%
Al	2343299	3.09	3.17	2.6%	2343313	8.05	8.22	2.1%	2343324	7.20	7.23	0.4%	2343339	5.52	5.50	0.4%
As	2343299	< 5	< 5	0.0%	2343313	< 5	< 5	0.0%	2343324	7	7	0.0%	2343339	129	130	0.8%
B	2343299	< 20	< 20	0.0%	2343313	< 20	< 20	0.0%	2343324	< 20	< 20	0.0%	2343339	< 20	< 20	0.0%
Ba	2343299	5.2	4.4	16.7%	2343313	632	645	2.0%	2343324	253	254	0.4%	2343339	242	242	0.0%
Be	2343299	< 5	< 5	0.0%	2343313	< 5	< 5	0.0%	2343324	< 5	< 5	0.0%	2343339	< 5	< 5	0.0%
Bi	2343299	0.8	0.8	0.0%	2343313	1.3	1.1	16.7%	2343324	3.5	3.8	8.2%	2343339	4.7	4.5	4.3%
Ca	2343299	4.10	4.18	1.9%	2343313	0.90	0.92	2.2%	2343324	1.73	1.75	1.1%	2343339	0.821	0.804	2.1%
Cd	2343299	< 0.2	< 0.2	0.0%	2343313	2.81	3.35	17.5%	2343324	3.62	4.05	11.2%	2343339	10.6	11.6	9.0%
Ce	2343299	2.2	2.05	7.1%	2343313	74.9	71.7	4.4%	2343324	53.7	49.4	8.3%	2343339	45.8	44.5	2.9%
Co	2343299	98.8	101	2.2%	2343313	38.4	37.8	1.6%	2343324	87.2	83.6	4.2%	2343339	93.1	90.5	2.8%
Cr	2343299	0.216	0.221	2.3%	2343313	0.024	0.024	0.0%	2343324	0.021	0.021	0.0%	2343339	0.017	0.017	0.0%
Cs	2343299	0.8	0.61	27.0%	2343313	1.94	2.10	7.9%	2343324	1.58	1.55	1.9%	2343339	0.9	0.9	0.0%
Cu	2343299	49	50	2.0%	2343313	723	724	0.1%	2343324	959	934	2.6%	2343339	465	460	1.1%
Dy	2343299	1.36	1.34	1.5%	2343313	3.20	3.08	3.8%	2343324	2.46	2.42	1.6%	2343339	3.14	3.52	11.4%
Er	2343299	0.94	0.893	5.1%	2343313	1.50	1.92	24.6%	2343324	1.45	1.51	4.1%	2343339	1.79	2.21	21.0%
Eu	2343299	< 0.05	< 0.05	0.0%	2343313	1.16	1.02	12.8%	2343324	0.95	1.01	6.1%	2343339	1.02	0.97	5.0%
Fe	2343299	6.94	7.06	1.7%	2343313	4.69	4.76	1.5%	2343324	8.51	8.69	2.1%	2343339	8.89	8.86	0.3%
Ga	2343299	7.32	7.26	0.8%	2343313	25.0	25.1	0.4%	2343324	19.1	19.1	0.0%	2343339	16.3	16.3	0.0%
Gd	2343299	0.97	1.06	8.9%	2343313	4.52	4.23	6.6%	2343324	3.38	3.32	1.8%	2343339	3.70	3.55	4.1%
Ge	2343299	2	2	0.0%	2343313	2	2	0.0%	2343324	2	2	0.0%	2343339	2	2	0.0%
Hf	2343299	< 1	< 1	0.0%	2343313	4	4	0.0%	2343324	4	3	28.6%	2343339	3	3	0.0%
Ho	2343299	0.29	0.30	3.4%	2343313	0.580	0.619	6.5%	2343324	0.525	0.510	2.9%	2343339	0.66	0.65	1.5%
In	2343299	< 0.2	< 0.2	0.0%	2343313	0.5	0.5	0.0%	2343324	0.70	0.54	25.8%	2343339	1.5	1.3	14.3%
K	2343299	< 0.05	< 0.05	0.0%	2343313	2.25	2.30	2.2%	2343324	1.36	1.36	0.0%	2343339	1.49	1.49	0.0%
La	2343299	1.0	0.88	12.8%	2343313	36.0	35.0	2.8%	2343324	25.3	23.1	9.1%	2343339	20.9	20.7	1.0%
Li	2343299	< 10	< 10	0.0%	2343313	47	47	0.0%	2343324	36	36	0.0%	2343339	20	20	0.0%
Lu	2343299	0.09	0.06	40.0%	2343313	0.223	0.245	9.4%	2343324	0.242	0.234	3.4%	2343339	0.278	0.251	10.2%
Mg	2343299	15.1	15.4	2.0%	2343313	0.894	0.909	1.7%	2343324	0.96	0.96	0.0%	2343339	0.764	0.754	1.3%
Mn	2343299	1140	1170	2.6%	2343313	212	212	0.0%	2343324	529	529	0.0%	2343339	247	247	0.0%
Mo	2343299	< 2	< 2	0.0%	2343313	3	3	0.0%	2343324	4	5	22.2%	2343339	11	12	8.7%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2343299	< 1	< 1	0.0%	2343313	7	7	0.0%	2343324	6	6	0.0%	2343339	6	6	0.0%
Nd	2343299	1.5	2.0	28.6%	2343313	33.3	32.5	2.4%	2343324	25.2	21.9	14.0%	2343339	21.7	21.5	0.9%
Ni	2343299	1190	1230	3.3%	2343313	167	173	3.5%	2343324	336	340	1.2%	2343339	194	195	0.5%
P	2343299	< 0.01	< 0.01	0.0%	2343313	0.051	0.042	19.4%	2343324	0.032	0.036	11.8%	2343339	0.03	0.03	0.0%
Pb	2343299	< 5	< 5	0.0%	2343313	65	64	1.6%	2343324	79	96	19.4%	2343339	89	85	4.6%
Pr	2343299	0.35	0.35	0.0%	2343313	9.22	8.43	9.0%	2343324	6.16	6.19	0.5%	2343339	5.73	5.39	6.1%
Rb	2343299	0.8	1.0	22.2%	2343313	78.4	75.6	3.6%	2343324	58.0	55.4	4.6%	2343339	54.4	54.9	0.9%
S	2343299	0.26	0.26	0.0%	2343313	2.55	2.55	0.0%	2343324	4.87	4.93	1.2%	2343339	6.93	6.93	0.0%
Sb	2343299	< 0.1	< 0.1	0.0%	2343313	< 0.1	< 0.1	0.0%	2343324	< 0.1	< 0.1	0.0%	2343339	0.47	0.42	11.2%
Sc	2343299	21	22	4.7%	2343313	15	15	0.0%	2343324	13	13	0.0%	2343339	12	12	0.0%
Si	2343299	20.1	20.5	2.0%	2343313	29.2	29.7	1.7%	2343324	25.9	26.1	0.8%	2343339	21.8	21.7	0.5%
Sm	2343299	0.6	0.4	40.0%	2343313	5.4	4.8	11.8%	2343324	4.57	4.08	11.3%	2343339	3.71	4.77	25.0%
Sn	2343299	< 1	< 1	0.0%	2343313	10	10	0.0%	2343324	11	10	9.5%	2343339	6	5	18.2%
Sr	2343299	146	149	2.0%	2343313	84.3	86.4	2.5%	2343324	79.7	80.2	0.6%	2343339	126	125	0.8%
Ta	2343299	< 0.5	< 0.5	0.0%	2343313	0.53	0.68	24.8%	2343324	0.54	0.58	7.1%	2343339	0.6	0.6	0.0%
Tb	2343299	0.17	0.17	0.0%	2343313	0.577	0.558	3.3%	2343324	0.445	0.440	1.1%	2343339	0.55	0.55	0.0%
Th	2343299	0.1	< 0.1		2343313	10.8	9.92	8.5%	2343324	6.91	6.73	2.6%	2343339	8.6	8.0	7.2%
Ti	2343299	0.17	0.17	0.0%	2343313	0.309	0.317	2.6%	2343324	0.269	0.278	3.3%	2343339	0.20	0.20	0.0%
Tl	2343299	< 0.5	< 0.5	0.0%	2343313	4.11	4.26	3.6%	2343324	2.5	2.5	0.0%	2343339	1.6	1.7	6.1%
Tm	2343299	0.12	0.11	8.7%	2343313	0.235	0.232	1.3%	2343324	0.20	0.20	0.0%	2343339	0.285	0.306	7.1%
U	2343299	< 0.05	< 0.05	0.0%	2343313	3.00	2.88	4.1%	2343324	2.02	2.14	5.8%	2343339	2.43	2.42	0.4%
V	2343299	112	116	3.5%	2343313	96	98	2.1%	2343324	83	84	1.2%	2343339	59	58	1.7%
W	2343299	< 1	< 1	0.0%	2343313	< 1	1		2343324	< 1	< 1	0.0%	2343339	1	1	0.0%
Y	2343299	7.2	7.36	2.2%	2343313	15.9	15.2	4.5%	2343324	13.6	13.9	2.2%	2343339	18.0	18.1	0.6%
Yb	2343299	0.8	0.74	7.8%	2343313	1.61	1.54	4.4%	2343324	1.32	1.47	10.8%	2343339	1.64	1.86	12.6%
Zn	2343299	55	53	3.7%	2343313	1580	1560	1.3%	2343324	1900	2040	7.1%	2343339	6280	6290	0.2%
Zr	2343299	20.9	18.7	11.1%	2343313	157	159	1.3%	2343324	128	135	5.3%	2343339	118	115	2.6%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O733214

PROJECT: 2021 Surimeau DDH Batch 27

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.37	99%	90% - 110%					6.94	6.79	98%	90% - 110%	13.0	12.8	98%	90% - 110%
As	26	26	98%	90% - 110%												
Ba	540	526	97%	90% - 110%									1310	1248	95%	90% - 110%
Be	4.0	4.4	109%	90% - 110%												
Ca	0.907	0.871	96%	90% - 110%					4.01	3.84	96%	90% - 110%	1.42	1.33	94%	90% - 110%
Ce	98	101	103%	90% - 110%	58.2	64.1	110%	90% - 110%								
Co	15	14	94%	90% - 110%												
Cu	150	159	106%	90% - 110%									6.4	4.7	73%	90% - 110%
Er	3.7	4.5	120%	90% - 110%												
Fe	3.77	3.83	102%	90% - 110%					7.56	7.52	99%	90% - 110%	3.27	3.24	99%	90% - 110%
Ga					22.6	24.8	110%	90% - 110%								
Hf	11	10	92%	90% - 110%												
K	2.55	2.66	104%	90% - 110%					2.02	2.06	102%	90% - 110%	3.68	3.84	104%	90% - 110%
La	44	44	100%	90% - 110%	27.5	28.9	105%	90% - 110%								
Li	47	48	102%	90% - 110%									65.0	68.6	106%	90% - 110%
Lu	0.6	0.6	95%	90% - 110%												
Mg	1.1	1.1	96%	90% - 110%					2.41	2.3	95%	90% - 110%				
Mn	780	770	99%	90% - 110%												
Mo	14	15	105%	90% - 110%												
Nb	20	19	97%	90% - 110%	22.6	23.3	103%	90% - 110%								
Nd					27.3	26.8	98%	90% - 110%								
Ni	32	37	114%	90% - 110%												
P													0.061	0.043	71%	90% - 110%
Pb	31	31	101%	90% - 110%												
Rb	144	134	93%	90% - 110%	85.4	94.7	111%	90% - 110%								
Sb	0.8	0.9	107%	90% - 110%												
Sc	12	13	104%	90% - 110%												
Si	28.4	29.6	104%	90% - 110%					23.65	23.84	101%	90% - 110%	24.4	24.9	102%	90% - 110%
Sm	7.4	8	108%	90% - 110%												
Sr	144	153	106%	90% - 110%									310	320	103%	90% - 110%
Tb	1.2	1.2	97%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Th	18.4	18.3	100%	90% - 110%												
Ti	0.527	0.519	98%	90% - 110%									0.222	0.212	96%	90% - 110%
U	5.7	5.4	94%	90% - 110%												
V	77	78	102%	90% - 110%												
W	5	5	97%	90% - 110%												
Y	40	41	102%	90% - 110%	25.3	25.5	101%	90% - 110%								
Yb					2.66	2.78	104%	90% - 110%								
Zn	130	118	91%	90% - 110%									75.4	79.8	106%	90% - 110%
Zr	390	381	98%	90% - 110%	157	153	98%	90% - 110%								

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O733214

PROJECT: 2021 Surimeau DDH Batch 27

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC
AGAT WORK ORDER: 21O733214
PROJECT: 2021 Surimeau DDH Batch 27
ATTENTION TO: Francis Newton
SAMPLING SITE:
SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O733214

PROJECT: 2021 Surimeau DDH Batch 27

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 35

AGAT WORK ORDER: 21O733215

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Jul 30, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733215

PROJECT: 2021 Surimeau DDH Batch 35

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 30, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
47201 (2343358)	2.73
47202 (2343359)	0.72
47203 (2343360)	0.92
47204 (2343361)	4.66
47205 (2343362)	4.57
47206 (2343363)	4.32
47207 (2343364)	3.15
47208 (2343365)	3.80
47209 (2343366)	4.59
47210 (2343367)	4.26
47211 (2343368)	4.46
47212C-DUP (2343369)	-
47213 (2343370)	2.45
47214 (2343371)	1.12
47215 (2343372)	1.22
47216 (2343373)	3.30
47217 (2343374)	3.17
47218 (2343375)	3.08
47219 (2343376)	2.94
47220 (2343377)	2.92
47221 (2343378)	4.67
47222 (2343379)	0.81
47223 (2343380)	3.27
47224 (2343381)	2.38
47225 (2343382)	2.97
47226 (2343383)	3.90
47227 (2343384)	4.35
47228 (2343385)	3.09
47229 (2343386)	4.45
47230 (2343387)	4.00
47231 (2343388)	4.58

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733215

PROJECT: 2021 Surimeau DDH Batch 35

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 30, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
47232 (2343389)	4.23
47233 (2343390)	4.46
47234 (2343391)	4.22
47235 (2343392)	4.53
47236 (2343393)	4.55
47237 (2343394)	5.55
47238 (2343395)	3.09
47239 (2343396)	2.93
47240 (2343397)	2.66
47241 (2343398)	1.98
47242 (2343399)	2.00
47243 (2343400)	2.11
47244 (2343401)	2.90
47245C-DUP (2343402)	-
47246 (2343403)	4.85
47247 (2343404)	5.42
47248 (2343405)	5.12
47249 (2343406)	3.59
47250 (2343407)	3.91

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733215

PROJECT: 2021 Surimeau DDH Batch 35

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 30, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
47201 (2343358)	<1	2.66	<5	<20	144	<5	0.5	4.89	<0.2	3.8	92.6	0.190	14.7	65
47202 (2343359)	<1	3.58	<5	40	443	<5	<0.1	7.79	<0.2	34.8	5.4	0.015	0.9	<5
47203 (2343360)	<1	2.94	<5	<20	12.7	<5	0.3	3.43	<0.2	2.4	96.2	0.208	1.2	36
47204 (2343361)	<1	3.63	<5	<20	6.7	<5	0.3	5.39	<0.2	1.3	95.1	0.220	0.6	71
47205 (2343362)	<1	3.49	<5	<20	118	<5	0.3	8.41	<0.2	1.9	108	0.219	4.0	50
47206 (2343363)	<1	2.77	<5	<20	176	<5	0.2	14.8	<0.2	1.5	86.0	0.183	6.1	33
47207 (2343364)	<1	2.44	<5	<20	79.7	<5	0.2	13.9	<0.2	2.8	79.6	0.175	2.4	31
47208 (2343365)	<1	3.12	<5	<20	7.9	<5	<0.1	5.57	<0.2	1.4	93.8	0.225	0.5	70
47209 (2343366)	<1	3.57	<5	<20	216	<5	0.1	4.51	<0.2	15.1	88.8	0.181	4.8	55
47210 (2343367)	<1	2.82	<5	<20	8.7	<5	0.2	4.75	<0.2	2.8	91.6	0.196	0.7	61
47211 (2343368)	<1	3.72	<5	<20	6.5	<5	0.2	4.41	<0.2	1.8	106	0.252	0.3	63
47212C-DUP (2343369)	<1	3.64	<5	<20	5.7	<5	0.1	4.38	<0.2	1.8	103	0.242	0.3	64
47213 (2343370)	<1	3.87	<5	<20	50.9	<5	0.1	4.80	<0.2	2.4	100	0.261	1.9	48
47214 (2343371)	<1	6.11	<5	<20	1120	<5	0.2	6.20	0.2	82.1	65.5	0.120	25.9	<5
47215 (2343372)	<1	5.91	<5	<20	1290	<5	0.1	5.91	0.2	74.2	65.1	0.136	26.9	6
47216 (2343373)	<1	6.78	<5	<20	1960	<5	0.2	7.46	<0.2	119	52.3	0.053	3.2	19
47217 (2343374)	<1	6.28	<5	<20	1600	<5	0.1	4.22	<0.2	94.0	70.3	0.102	56.5	<5
47218 (2343375)	<1	3.45	<5	<20	107	<5	0.2	5.37	<0.2	3.8	98.9	0.227	4.1	44
47219 (2343376)	<1	3.87	<5	<20	15.0	<5	0.2	5.27	0.2	2.6	105	0.276	0.7	54
47220 (2343377)	3	4.73	<5	<20	419	<5	<0.1	5.75	<0.2	3.4	93.1	0.292	9.3	<5
47221 (2343378)	1	3.91	<5	<20	43.1	<5	0.1	6.37	<0.2	2.2	96.5	0.267	1.1	13
47222 (2343379)	2	3.22	<5	83	360	<5	<0.1	10.2	<0.2	37.8	4.3	0.013	0.7	5
47223 (2343380)	1	3.74	<5	<20	128	<5	0.2	7.45	<0.2	4.0	87.7	0.239	3.3	23
47224 (2343381)	<1	3.71	<5	<20	9.5	<5	0.1	7.21	<0.2	1.2	96.6	0.262	0.5	<5
47225 (2343382)	<1	3.48	<5	<20	14.4	<5	0.2	8.73	<0.2	1.3	89.4	0.223	0.7	32
47226 (2343383)	<1	2.44	<5	<20	22.8	<5	0.1	15.5	<0.2	1.8	65.4	0.167	0.7	13
47227 (2343384)	<1	1.73	<5	<20	18.2	<5	<0.1	17.2	<0.2	2.0	52.5	0.135	0.4	<5
47228 (2343385)	<1	3.19	<5	<20	4.8	<5	0.2	7.81	<0.2	1.5	97.4	0.230	0.2	52
47229 (2343386)	<1	3.09	<5	<20	3.2	<5	0.3	5.32	<0.2	1.1	87.6	0.200	0.5	50
47230 (2343387)	<1	3.26	<5	<20	3.5	<5	0.2	4.94	<0.2	1.5	95.9	0.210	0.5	51
47231 (2343388)	<1	3.17	<5	<20	2.9	<5	0.2	4.95	0.3	2.6	92.9	0.211	0.4	58
47232 (2343389)	<1	2.46	<5	<20	2.3	<5	0.3	5.95	<0.2	2.1	88.0	0.183	0.3	40

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733215

PROJECT: 2021 Surimeau DDH Batch 35

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 30, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
47233 (2343390)	<1	2.71	<5	<20	2.6	<5	0.5	3.90	<0.2	1.3	99.0	0.215	0.5	37
47234 (2343391)	<1	2.75	<5	<20	3.0	<5	0.4	4.55	<0.2	1.5	96.5	0.212	0.4	45
47235 (2343392)	<1	3.35	<5	<20	3.1	<5	0.2	4.57	<0.2	1.3	95.7	0.226	0.4	74
47236 (2343393)	<1	3.87	<5	<20	3.8	<5	0.2	5.32	<0.2	1.4	102	0.267	0.4	31
47237 (2343394)	<1	3.88	<5	<20	104	<5	0.3	6.40	<0.2	1.6	96.7	0.237	5.3	83
47238 (2343395)	<1	3.45	<5	<20	124	<5	0.6	4.29	<0.2	2.8	96.8	0.217	8.5	45
47239 (2343396)	<1	2.98	<5	<20	14.9	<5	0.7	3.75	<0.2	3.0	96.7	0.219	1.8	54
47240 (2343397)	<1	4.66	<5	<20	771	<5	0.3	4.59	0.2	4.2	81.4	0.213	46.8	6
47241 (2343398)	<1	3.77	<5	<20	439	<5	0.4	5.68	<0.2	3.5	87.1	0.225	28.7	43
47242 (2343399)	<1	3.67	<5	<20	521	<5	0.4	5.77	<0.2	3.5	85.6	0.233	30.5	46
47243 (2343400)	<1	4.02	<5	<20	439	<5	0.3	4.76	<0.2	6.6	86.3	0.213	31.8	50
47244 (2343401)	<1	3.24	<5	<20	14.2	<5	0.8	4.23	<0.2	2.4	97.2	0.237	1.5	37
47245C-DUP (2343402)	<1	3.19	<5	<20	14.2	<5	0.7	4.11	<0.2	2.5	97.3	0.222	1.6	34
47246 (2343403)	<1	2.94	<5	<20	47.8	<5	0.6	5.29	<0.2	2.2	88.8	0.200	4.1	46
47247 (2343404)	<1	2.70	<5	<20	7.6	<5	0.8	4.83	<0.2	1.4	96.4	0.199	1.2	48
47248 (2343405)	<1	3.04	<5	<20	6.6	<5	0.6	5.16	0.3	1.6	90.8	0.218	0.6	47
47249 (2343406)	<1	3.03	<5	<20	4.9	<5	0.6	4.69	<0.2	1.7	93.8	0.211	0.5	52
47250 (2343407)	<1	3.67	<5	<20	303	<5	1.1	4.34	<0.2	13.3	91.6	0.197	17.9	26

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733215

PROJECT: 2021 Surimeau DDH Batch 35

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 30, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
47201 (2343358)	1.09	0.59	0.42	6.17	6.78	0.83	2	<1	0.25	<0.2	0.72	1.6	39	0.11
47202 (2343359)	2.02	1.30	1.03	1.39	9.38	2.53	1	7	0.50	<0.2	2.85	16.5	22	0.19
47203 (2343360)	1.16	0.78	0.29	6.68	7.08	0.80	2	<1	0.27	<0.2	0.06	1.0	<10	0.11
47204 (2343361)	1.37	0.68	0.20	7.12	8.46	0.93	2	<1	0.28	<0.2	<0.05	0.5	<10	0.07
47205 (2343362)	1.71	0.97	0.43	7.55	7.21	1.01	1	<1	0.32	<0.2	0.29	0.8	26	0.14
47206 (2343363)	1.04	0.70	0.41	6.40	5.79	0.74	<1	<1	0.22	<0.2	0.47	0.5	38	0.10
47207 (2343364)	1.43	0.97	0.62	6.19	4.90	1.33	<1	<1	0.36	<0.2	0.19	1.3	17	0.16
47208 (2343365)	1.13	0.74	0.24	7.05	7.13	0.89	2	<1	0.23	<0.2	<0.05	0.5	<10	0.10
47209 (2343366)	1.68	1.03	0.46	6.56	8.21	1.84	2	1	0.33	<0.2	0.33	6.0	21	0.13
47210 (2343367)	1.14	0.71	0.32	6.29	6.96	0.83	2	<1	0.23	<0.2	<0.05	1.5	<10	0.10
47211 (2343368)	1.31	0.74	0.29	7.80	8.82	0.89	2	<1	0.29	<0.2	<0.05	0.8	<10	0.10
47212C-DUP (2343369)	1.21	0.90	0.34	7.60	8.52	0.86	2	<1	0.27	<0.2	<0.05	0.7	<10	0.10
47213 (2343370)	1.76	0.94	0.52	8.01	8.70	1.34	2	<1	0.36	<0.2	0.11	0.8	<10	0.15
47214 (2343371)	5.16	2.30	2.66	8.77	14.3	8.50	2	4	0.94	<0.2	1.64	36.6	133	0.32
47215 (2343372)	4.44	2.13	2.56	8.55	13.8	7.42	2	3	0.80	<0.2	1.74	34.3	136	0.25
47216 (2343373)	4.98	2.27	3.38	7.16	16.6	9.88	2	5	0.86	<0.2	0.57	52.8	72	0.30
47217 (2343374)	3.98	1.75	2.00	7.28	15.2	7.41	2	4	0.72	<0.2	3.52	42.8	169	0.21
47218 (2343375)	1.12	0.90	0.38	7.04	8.74	1.03	1	<1	0.27	<0.2	0.25	1.4	14	0.12
47219 (2343376)	1.43	0.94	0.26	7.95	9.05	0.84	1	<1	0.34	<0.2	<0.05	1.2	<10	0.15
47220 (2343377)	1.89	1.22	0.27	9.41	9.52	1.24	1	<1	0.44	<0.2	0.76	1.5	41	0.22
47221 (2343378)	1.19	0.95	0.50	8.11	8.05	0.90	1	<1	0.31	<0.2	0.10	1.0	14	0.14
47222 (2343379)	2.35	1.51	0.57	1.28	8.54	2.63	<1	3	0.51	<0.2	2.30	16.7	64	0.20
47223 (2343380)	1.52	1.12	0.47	7.90	7.97	1.18	1	<1	0.38	<0.2	0.25	1.7	24	0.10
47224 (2343381)	1.34	0.72	0.32	8.16	8.07	0.68	1	<1	0.27	<0.2	<0.05	0.4	11	0.13
47225 (2343382)	1.01	0.90	0.48	7.24	7.45	0.55	1	<1	0.27	<0.2	0.06	0.7	11	0.12
47226 (2343383)	0.85	0.55	0.64	5.75	5.56	0.50	1	<1	0.19	<0.2	0.07	0.8	<10	0.07
47227 (2343384)	0.89	0.70	0.65	4.84	3.98	0.62	1	<1	0.24	<0.2	0.06	0.7	<10	0.07
47228 (2343385)	1.19	0.89	0.15	7.36	7.00	0.58	1	<1	0.29	<0.2	<0.05	0.5	<10	0.08
47229 (2343386)	0.83	0.66	0.09	6.41	6.95	0.51	2	<1	0.18	<0.2	<0.05	0.2	<10	0.11
47230 (2343387)	0.85	0.87	0.11	6.82	7.52	0.65	2	<1	0.26	<0.2	<0.05	0.5	<10	0.11
47231 (2343388)	1.46	1.07	0.08	7.36	7.24	0.98	2	<1	0.34	<0.2	<0.05	0.9	<10	0.12
47232 (2343389)	1.09	0.86	0.24	6.64	5.63	0.82	1	<1	0.31	<0.2	<0.05	0.9	<10	0.14

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733215

PROJECT: 2021 Surimeau DDH Batch 35

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 30, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
47233 (2343390)	0.82	0.64	0.13	6.89	6.47	0.65	1	<1	0.23	<0.2	<0.05	0.5	<10	0.10
47234 (2343391)	0.85	0.73	0.17	6.65	7.02	0.56	1	<1	0.24	<0.2	<0.05	0.6	<10	0.09
47235 (2343392)	1.19	0.81	0.08	7.04	8.25	0.52	2	<1	0.23	<0.2	<0.05	0.5	<10	0.08
47236 (2343393)	1.50	1.20	0.08	8.33	9.44	0.85	1	<1	0.35	<0.2	<0.05	0.6	<10	0.10
47237 (2343394)	1.17	1.03	0.08	7.80	11.3	0.92	2	<1	0.29	<0.2	0.41	0.5	22	0.13
47238 (2343395)	1.02	0.80	0.19	6.75	9.98	0.64	2	<1	0.26	<0.2	0.62	1.2	28	0.09
47239 (2343396)	1.07	0.67	0.09	6.64	8.58	0.72	2	<1	0.26	<0.2	0.09	1.3	<10	0.08
47240 (2343397)	1.46	1.07	0.29	7.29	14.9	1.20	2	1	0.35	<0.2	3.42	1.6	181	0.16
47241 (2343398)	1.23	0.83	0.29	7.51	9.49	0.93	2	<1	0.34	<0.2	2.21	1.7	96	0.14
47242 (2343399)	1.40	1.01	0.22	7.58	8.93	1.12	2	<1	0.38	<0.2	2.41	1.5	106	0.15
47243 (2343400)	1.52	0.92	0.25	7.44	11.1	1.07	2	1	0.29	<0.2	2.34	2.8	102	0.14
47244 (2343401)	1.24	0.87	0.16	7.49	8.02	0.81	2	<1	0.28	<0.2	0.09	1.0	<10	0.11
47245C-DUP (2343402)	1.14	0.82	0.17	7.29	7.97	0.90	2	<1	0.31	<0.2	0.09	0.9	<10	0.09
47246 (2343403)	1.23	0.78	0.23	6.88	7.89	0.63	2	<1	0.25	<0.2	0.27	0.7	10	0.13
47247 (2343404)	1.15	0.64	0.17	6.62	6.82	0.70	2	<1	0.26	<0.2	0.05	0.5	<10	0.09
47248 (2343405)	1.16	0.90	0.21	7.00	6.59	0.91	2	<1	0.30	<0.2	<0.05	0.6	<10	0.11
47249 (2343406)	1.41	0.88	0.22	7.06	6.88	0.85	2	<1	0.30	<0.2	<0.05	0.6	<10	0.14
47250 (2343407)	1.56	1.09	0.38	7.21	8.83	1.58	2	1	0.35	<0.2	1.42	5.7	60	0.14

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733215

PROJECT: 2021 Surimeau DDH Batch 35

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 30, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
47201 (2343358)	13.4	1290	<2	<1	2.2	1430	<0.01	<5	0.58	32.8	0.30	<0.1	17	22.6
47202 (2343359)	3.06	455	10	9	17.3	22	0.05	15	4.40	66.7	0.15	<0.1	6	28.6
47203 (2343360)	15.5	1090	<2	<1	1.7	1240	<0.01	<5	0.39	2.7	0.29	<0.1	20	23.4
47204 (2343361)	14.2	1090	<2	<1	1.3	1200	<0.01	<5	0.26	0.9	0.23	<0.1	22	23.0
47205 (2343362)	12.5	1490	<2	<1	2.0	1200	<0.01	6	0.33	12.3	0.24	<0.1	22	20.7
47206 (2343363)	8.94	1680	<2	<1	1.5	976	<0.01	21	0.26	28.5	0.27	<0.1	19	14.5
47207 (2343364)	10.3	1760	<2	<1	2.0	966	<0.01	13	0.45	9.2	0.27	<0.1	18	13.2
47208 (2343365)	14.2	1130	<2	<1	1.2	1280	<0.01	6	0.20	1.1	0.19	<0.1	22	21.1
47209 (2343366)	13.8	1260	<2	<1	9.7	1190	0.06	<5	2.10	18.1	0.14	<0.1	21	21.5
47210 (2343367)	14.4	1290	<2	<1	2.0	1320	<0.01	<5	0.43	1.2	0.18	<0.1	18	21.7
47211 (2343368)	14.1	999	<2	<1	1.5	1250	0.02	<5	0.34	0.6	0.18	<0.1	24	21.2
47212C-DUP (2343369)	14.5	982	<2	<1	1.6	1250	0.01	<5	0.27	0.8	0.17	<0.1	24	21.0
47213 (2343370)	13.9	1180	<2	<1	2.6	1210	0.02	<5	0.47	5.5	0.14	<0.1	25	21.7
47214 (2343371)	10.2	1520	<2	5	52.3	338	0.34	11	11.6	85.8	0.07	<0.1	34	21.0
47215 (2343372)	10.4	1430	<2	4	46.3	380	0.25	8	11.0	87.3	0.07	<0.1	34	20.8
47216 (2343373)	6.76	1200	<2	5	69.8	159	0.37	11	16.3	22.2	0.08	<0.1	34	23.0
47217 (2343374)	10.5	875	<2	4	54.6	410	0.24	7	12.8	181	0.04	<0.1	28	22.0
47218 (2343375)	12.4	1100	<2	<1	2.9	1190	<0.01	9	0.60	13.4	0.13	0.4	23	22.7
47219 (2343376)	12.8	1230	<2	<1	2.0	1290	<0.01	<5	0.39	1.5	0.16	0.3	26	21.7
47220 (2343377)	12.3	1540	<2	<1	3.2	803	<0.01	<5	0.55	38.7	0.09	0.3	34	18.0
47221 (2343378)	11.8	1420	<2	<1	2.3	1090	<0.01	<5	0.37	4.9	0.12	0.3	28	20.4
47222 (2343379)	6.06	576	9	6	17.2	17	<0.01	7	4.33	66.7	0.20	0.2	<5	23.0
47223 (2343380)	12.3	1360	<2	<1	2.9	1060	0.03	<5	0.61	15.8	0.13	0.2	28	21.4
47224 (2343381)	12.5	1340	<2	<1	1.2	948	0.01	<5	0.21	0.7	0.11	0.2	28	20.7
47225 (2343382)	12.5	1450	<2	<1	1.5	1180	<0.01	<5	0.19	1.7	0.16	0.3	23	19.9
47226 (2343383)	10.0	1780	<2	<1	1.4	862	<0.01	7	0.30	2.5	0.25	0.2	17	15.7
47227 (2343384)	10.1	1880	<2	<1	1.2	690	<0.01	5	0.29	1.9	0.28	0.3	17	14.9
47228 (2343385)	13.4	1330	<2	<1	1.4	1290	<0.01	<5	0.25	0.3	0.23	0.2	22	19.8
47229 (2343386)	13.9	1080	<2	<1	1.3	1260	<0.01	<5	0.22	0.6	0.21	0.4	20	22.4
47230 (2343387)	13.1	1140	<2	<1	1.7	1290	<0.01	<5	0.23	0.6	0.20	0.3	21	20.9
47231 (2343388)	14.7	1150	<2	<1	2.2	1160	<0.01	<5	0.26	1.1	0.19	0.3	23	20.5
47232 (2343389)	15.1	1290	<2	<1	1.6	1220	<0.01	<5	0.28	<0.2	0.16	0.2	18	19.9

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733215

PROJECT: 2021 Surimeau DDH Batch 35

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 30, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
47233 (2343390)	14.5	1190	<2	<1	1.0	1510	<0.01	<5	0.29	0.5	0.13	0.3	20	21.0
47234 (2343391)	15.4	1220	<2	<1	1.1	1510	<0.01	<5	0.22	<0.2	0.16	0.3	20	20.5
47235 (2343392)	14.1	1190	<2	<1	1.2	1340	<0.01	<5	0.26	0.3	0.23	0.3	22	22.2
47236 (2343393)	14.5	1440	<2	<1	1.4	1100	<0.01	<5	0.29	0.3	0.15	0.6	27	21.5
47237 (2343394)	13.2	1490	<2	<1	1.3	1120	0.02	<5	0.27	17.0	0.27	0.4	26	23.3
47238 (2343395)	13.9	1240	<2	<1	1.9	1390	0.03	<5	0.36	28.4	0.28	0.5	20	23.1
47239 (2343396)	13.1	1170	<2	<1	2.4	1410	<0.01	<5	0.42	6.1	0.33	0.4	21	22.0
47240 (2343397)	11.3	1270	<2	2	3.5	803	<0.01	<5	0.71	170	0.09	0.4	24	22.7
47241 (2343398)	12.3	1340	<2	<1	2.2	937	<0.01	<5	0.54	114	0.39	0.4	24	21.9
47242 (2343399)	11.5	1340	<2	<1	2.2	908	0.01	<5	0.64	121	0.39	0.2	26	22.2
47243 (2343400)	12.0	1170	<2	1	4.6	988	<0.01	<5	0.96	116	0.24	0.4	24	23.0
47244 (2343401)	15.3	1190	<2	<1	1.6	1350	<0.01	<5	0.38	4.5	0.25	0.3	25	22.2
47245C-DUP (2343402)	15.2	1160	<2	<1	1.7	1250	<0.01	<5	0.39	3.5	0.24	0.4	24	21.8
47246 (2343403)	13.8	1290	<2	<1	1.8	1200	<0.01	<5	0.30	16.2	0.25	0.3	20	21.4
47247 (2343404)	13.8	1270	<2	<1	1.2	1440	<0.01	<5	0.28	3.1	0.25	0.2	19	21.4
47248 (2343405)	13.0	1240	<2	<1	1.5	1220	0.01	<5	0.24	1.8	0.26	0.4	22	20.8
47249 (2343406)	14.2	1170	<2	<1	1.5	1240	0.02	<5	0.33	1.2	0.28	0.2	22	20.3
47250 (2343407)	13.3	1240	<2	1	8.2	1230	0.03	<5	1.88	73.8	0.20	0.3	22	21.5

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733215

PROJECT: 2021 Surimeau DDH Batch 35

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 30, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
47201 (2343358)	0.6	<1	122	<0.5	0.16	0.1	0.12	<0.5	0.11	0.08	68	<1	6.1	0.6
47202 (2343359)	3.0	<1	205	0.6	0.40	4.2	0.26	<0.5	0.20	1.13	36	<1	12.8	1.4
47203 (2343360)	0.4	<1	26.7	<0.5	0.15	0.1	0.15	<0.5	0.12	0.11	93	<1	6.2	0.7
47204 (2343361)	0.7	<1	38.1	<0.5	0.15	<0.1	0.17	<0.5	0.12	0.08	125	<1	6.7	0.8
47205 (2343362)	0.8	<1	164	<0.5	0.21	<0.1	0.19	<0.5	0.14	<0.05	130	<1	8.9	0.9
47206 (2343363)	0.6	<1	347	<0.5	0.17	<0.1	0.15	<0.5	0.12	<0.05	106	<1	6.7	0.7
47207 (2343364)	0.7	<1	307	<0.5	0.22	<0.1	0.14	<0.5	0.14	<0.05	99	<1	8.7	0.8
47208 (2343365)	0.4	<1	96.5	<0.5	0.15	<0.1	0.17	<0.5	0.10	<0.05	123	<1	6.2	0.7
47209 (2343366)	1.9	<1	138	<0.5	0.26	1.1	0.19	<0.5	0.11	0.38	104	<1	8.4	0.9
47210 (2343367)	0.6	<1	123	<0.5	0.14	<0.1	0.14	<0.5	0.11	0.05	95	<1	6.0	0.7
47211 (2343368)	0.6	<1	42.1	<0.5	0.17	<0.1	0.21	<0.5	0.13	0.06	146	<1	7.3	0.8
47212C-DUP (2343369)	0.8	<1	41.8	<0.5	0.18	<0.1	0.20	<0.5	0.13	<0.05	141	<1	7.1	0.7
47213 (2343370)	0.8	<1	35.0	<0.5	0.24	0.1	0.20	<0.5	0.15	0.09	152	<1	9.4	0.8
47214 (2343371)	11.4	2	215	<0.5	0.92	7.3	0.59	1.0	0.32	1.76	224	1	25.0	2.0
47215 (2343372)	8.1	2	142	<0.5	0.91	6.4	0.54	1.1	0.28	1.45	217	<1	22.2	1.8
47216 (2343373)	14.3	<1	1260	<0.5	1.10	8.0	0.64	<0.5	0.27	1.58	176	<1	24.7	1.8
47217 (2343374)	10.4	<1	487	<0.5	0.80	7.5	0.53	1.9	0.22	1.47	171	<1	19.6	1.6
47218 (2343375)	1.0	<1	41.4	<0.5	0.23	0.1	0.19	<0.5	0.10	0.05	110	<1	7.9	0.8
47219 (2343376)	0.7	<1	48.6	<0.5	0.26	<0.1	0.21	<0.5	0.10	0.06	129	<1	7.6	0.9
47220 (2343377)	0.8	<1	130	<0.5	0.32	<0.1	0.28	<0.5	0.17	<0.05	191	<1	11.6	1.4
47221 (2343378)	1.0	<1	86.7	<0.5	0.24	<0.1	0.22	<0.5	0.15	<0.05	142	<1	9.1	0.9
47222 (2343379)	3.1	<1	184	<0.5	0.45	4.3	0.16	<0.5	0.21	1.67	21	<1	14.6	1.5
47223 (2343380)	0.8	<1	124	<0.5	0.22	0.3	0.24	<0.5	0.15	0.09	147	<1	9.8	0.9
47224 (2343381)	0.3	<1	99.0	<0.5	0.16	<0.1	0.23	<0.5	0.10	<0.05	141	<1	7.6	0.8
47225 (2343382)	0.6	<1	135	<0.5	0.16	<0.1	0.18	<0.5	0.10	<0.05	109	<1	7.0	0.7
47226 (2343383)	0.3	<1	271	<0.5	0.14	<0.1	0.14	<0.5	0.11	<0.05	82	<1	6.7	0.6
47227 (2343384)	0.4	<1	287	<0.5	0.14	<0.1	0.10	<0.5	0.09	<0.05	75	<1	7.2	0.8
47228 (2343385)	0.5	<1	111	<0.5	0.20	<0.1	0.18	<0.5	0.12	<0.05	111	<1	7.6	0.8
47229 (2343386)	0.4	<1	42.6	<0.5	0.16	<0.1	0.16	<0.5	0.10	<0.05	86	<1	5.8	0.6
47230 (2343387)	0.4	<1	71.7	<0.5	0.17	<0.1	0.17	<0.5	0.13	<0.05	95	<1	6.6	0.9
47231 (2343388)	0.6	<1	103	<0.5	0.19	0.1	0.18	<0.5	0.13	<0.05	117	<1	8.7	0.7
47232 (2343389)	0.9	<1	197	<0.5	0.19	<0.1	0.14	<0.5	0.13	<0.05	81	<1	7.8	0.9

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733215

PROJECT: 2021 Surimeau DDH Batch 35

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 30, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
47233 (2343390)	0.5	1	126	<0.5	0.16	<0.1	0.15	<0.5	0.10	<0.05	95	<1	6.3	0.7
47234 (2343391)	0.7	<1	131	<0.5	0.13	<0.1	0.14	<0.5	0.12	<0.05	95	<1	6.1	0.6
47235 (2343392)	0.3	<1	53.8	<0.5	0.19	<0.1	0.18	<0.5	0.13	<0.05	113	<1	6.6	0.6
47236 (2343393)	0.9	<1	50.5	<0.5	0.22	0.1	0.23	<0.5	0.14	<0.05	146	<1	8.7	0.9
47237 (2343394)	0.5	<1	53.8	<0.5	0.19	<0.1	0.21	<0.5	0.14	0.16	127	<1	7.6	0.9
47238 (2343395)	0.7	<1	55.8	<0.5	0.16	0.1	0.17	<0.5	0.10	0.36	107	<1	6.2	0.7
47239 (2343396)	0.5	<1	94.4	<0.5	0.17	<0.1	0.16	<0.5	0.09	0.09	98	<1	6.8	0.9
47240 (2343397)	1.0	<1	62.3	<0.5	0.30	0.7	0.23	1.6	0.14	0.42	131	<1	8.8	0.9
47241 (2343398)	0.7	<1	125	<0.5	0.20	<0.1	0.21	1.1	0.12	0.12	125	<1	8.5	0.8
47242 (2343399)	1.0	<1	125	<0.5	0.28	<0.1	0.21	1.1	0.15	0.13	141	<1	10.1	0.9
47243 (2343400)	1.1	<1	46.8	<0.5	0.30	0.6	0.22	1.1	0.13	0.37	133	<1	8.6	0.9
47244 (2343401)	0.5	<1	105	<0.5	0.16	0.1	0.20	<0.5	0.11	0.06	134	<1	7.5	0.9
47245C-DUP (2343402)	0.7	<1	103	<0.5	0.22	0.1	0.20	<0.5	0.10	0.06	125	<1	8.4	0.7
47246 (2343403)	0.4	<1	162	<0.5	0.19	<0.1	0.16	<0.5	0.12	0.08	94	<1	7.5	0.8
47247 (2343404)	0.3	<1	179	<0.5	0.17	<0.1	0.15	<0.5	0.10	<0.05	93	<1	7.4	0.7
47248 (2343405)	0.5	<1	192	<0.5	0.22	<0.1	0.17	<0.5	0.12	<0.05	109	<1	7.5	0.8
47249 (2343406)	0.6	<1	210	<0.5	0.19	<0.1	0.17	<0.5	0.13	<0.05	113	<1	7.3	0.9
47250 (2343407)	2.0	<1	173	<0.5	0.28	1.0	0.21	0.7	0.17	0.31	106	<1	10.9	1.0

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733215

PROJECT: 2021 Surimeau DDH Batch 35

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 30, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
47201 (2343358)	44	13.7
47202 (2343359)	24	306
47203 (2343360)	47	16.6
47204 (2343361)	55	14.3
47205 (2343362)	51	16.1
47206 (2343363)	46	14.8
47207 (2343364)	37	12.0
47208 (2343365)	50	14.7
47209 (2343366)	47	41.1
47210 (2343367)	47	13.6
47211 (2343368)	48	22.5
47212C-DUP (2343369)	55	15.4
47213 (2343370)	62	16.0
47214 (2343371)	92	155
47215 (2343372)	90	126
47216 (2343373)	100	173
47217 (2343374)	79	165
47218 (2343375)	55	15.9
47219 (2343376)	58	17.3
47220 (2343377)	69	28.4
47221 (2343378)	65	20.3
47222 (2343379)	87	102
47223 (2343380)	59	25.2
47224 (2343381)	61	19.5
47225 (2343382)	54	14.8
47226 (2343383)	38	12.2
47227 (2343384)	33	9.2
47228 (2343385)	52	17.3
47229 (2343386)	48	13.7
47230 (2343387)	44	14.2
47231 (2343388)	45	11.7
47232 (2343389)	46	13.5

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733215

PROJECT: 2021 Surimeau DDH Batch 35

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 30, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
47233 (2343390)	42	17.1
47234 (2343391)	46	11.3
47235 (2343392)	55	16.7
47236 (2343393)	55	19.1
47237 (2343394)	58	19.9
47238 (2343395)	48	17.5
47239 (2343396)	45	19.8
47240 (2343397)	93	37.5
47241 (2343398)	64	17.5
47242 (2343399)	67	19.7
47243 (2343400)	60	31.6
47244 (2343401)	52	20.7
47245C-DUP (2343402)	50	18.6
47246 (2343403)	49	14.2
47247 (2343404)	48	12.4
47248 (2343405)	43	13.7
47249 (2343406)	45	14.4
47250 (2343407)	53	38.5

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733215

PROJECT: 2021 Surimeau DDH Batch 35

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 30, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
47201 (2343358)	79.92
47220 (2343377)	77.78
47240 (2343397)	84.20

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733215

PROJECT: 2021 Surimeau DDH Batch 35

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 30, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
47201 (2343358)	86.08
47220 (2343377)	86.52
47239 (2343396)	85.06

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O733215

PROJECT: 2021 Surimeau DDH Batch 35

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	2343383	< 1	< 1	0.0%	2343398	< 1	< 1	0.0%								
Al	2343358	2.66	2.69	1.1%	2343372	5.91	5.87	0.7%	2343383	2.44	2.41	1.2%	2343398	3.77	3.62	4.1%
As	2343383	< 5	< 5	0.0%	2343398	< 5	< 5	0.0%								
B	2343358	< 20	< 20	0.0%	2343372	< 20	< 20	0.0%	2343383	< 20	< 20	0.0%	2343398	< 20	< 20	0.0%
Ba	2343358	144	146	1.4%	2343372	1290	1290	0.0%	2343383	22.8	22.2	2.7%	2343398	439	424	3.5%
Be	2343383	< 5	< 5	0.0%	2343398	< 5	< 5	0.0%								
Bi	2343358	0.5	0.4	22.2%	2343398	0.40	0.49	20.2%								
Ca	2343358	4.89	5.06	3.4%	2343372	5.91	5.86	0.8%	2343383	15.5	15.6	0.6%	2343398	5.68	5.56	2.1%
Cd	2343383	< 0.2	< 0.2	0.0%	2343398	< 0.2	< 0.2	0.0%								
Ce	2343383	1.8	1.7	5.7%	2343398	3.5	3.5	0.0%								
Co	2343383	65.4	64.5	1.4%	2343398	87.1	86.6	0.6%								
Cr	2343358	0.190	0.184	3.2%	2343372	0.136	0.135	0.7%	2343383	0.167	0.165	1.2%	2343398	0.225	0.217	3.6%
Cs	2343383	0.71	0.62	13.5%	2343398	28.7	30.8	7.1%								
Cu	2343358	65	63	3.1%	2343372	6	6	0.0%	2343383	13	14	7.4%	2343398	43	42	2.4%
Dy	2343383	0.85	0.81	4.8%	2343398	1.23	1.46	17.1%								
Er	2343383	0.555	0.723	26.3%	2343372	2.13	1.89	11.9%								
Eu	2343383	0.641	0.679	5.8%	2343398	0.29	0.23	23.1%								
Fe	2343358	6.17	6.25	1.3%	2343372	8.55	8.49	0.7%	2343383	5.75	5.57	3.2%	2343398	7.51	7.37	1.9%
Ga	2343383	5.56	5.43	2.4%	2343398	9.49	9.50	0.1%								
Gd	2343383	0.502	0.535	6.4%	2343398	0.932	0.862	7.8%								
Ge	2343383	1	1	0.0%	2343398	2	2	0.0%								
Hf	2343383	< 1	< 1	0.0%	2343398	< 1	< 1	0.0%								
Ho	2343383	0.192	0.215	11.3%	2343398	0.340	0.264	25.2%								
In	2343383	< 0.2	< 0.2	0.0%	2343398	< 0.2	< 0.2	0.0%								
K	2343358	0.723	0.783	8.0%	2343372	1.74	1.75	0.6%	2343383	0.069	0.076	9.7%	2343398	2.21	2.19	0.9%
La	2343383	0.81	0.72	11.8%	2343398	1.7	1.5	12.5%								
Li	2343358	39	41	5.0%	2343372	136	138	1.5%	2343383	< 10	< 10	0.0%	2343398	96	93	3.2%
Lu	2343383	0.066	0.058	12.9%	2343398	0.14	0.13	7.4%								
Mg	2343358	13.4	13.8	2.9%	2343372	10.4	9.68	7.2%	2343383	10.0	10.2	2.0%	2343398	12.3	12.1	1.6%
Mn	2343358	1290	1340	3.8%	2343372	1430	1410	1.4%	2343383	1780	1780	0.0%	2343398	1340	1270	5.4%
Mo	2343383	< 2	< 2	0.0%	2343398	< 2	< 2	0.0%								

AGAT Laboratories

Quality Assurance - Replicate

AGAT WORK ORDER: 21O733215

PROJECT: 2021 Surimeau DDH Batch 35

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2343383	< 1	< 1	0.0%	2343398	< 1	< 1	0.0%								
Nd	2343383	1.4	1.5	6.9%	2343398	2.19	1.93	12.6%								
Ni	2343358	1430	1380	3.6%	2343372	380	378	0.5%	2343383	862	852	1.2%	2343398	937	926	1.2%
P	2343358	< 0.01	< 0.01	0.0%	2343372	0.253	0.262	3.5%	2343383	< 0.01	< 0.01	0.0%	2343398	< 0.01	< 0.01	0.0%
Pb	2343383	7	7	0.0%	2343398	< 5	< 5	0.0%								
Pr	2343383	0.30	0.28	6.9%	2343398	0.539	0.444	19.3%								
Rb	2343383	2.5	2.2	12.8%	2343398	114	107	6.3%								
S	2343358	0.299	0.291	2.7%	2343372	0.07	0.07	0.0%	2343383	0.25	0.25	0.0%	2343398	0.39	0.38	2.6%
Sb	2343383	0.2	0.2	0.0%	2343398	0.4	0.4	0.0%								
Sc	2343358	17	16	6.1%	2343372	34	34	0.0%	2343383	17	17	0.0%	2343398	24	24	0.0%
Si	2343358	22.6	22.8	0.9%	2343372	20.8	20.7	0.5%	2343383	15.7	15.3	2.6%	2343398	21.9	21.5	1.8%
Sm	2343383	0.3	0.3	0.0%	2343398	0.71	0.81	13.2%								
Sn	2343383	< 1	< 1	0.0%	2343398	< 1	< 1	0.0%								
Sr	2343358	122	124	1.6%	2343372	142	143	0.7%	2343383	271	279	2.9%	2343398	125	124	0.8%
Ta	2343383	< 0.5	< 0.5	0.0%	2343398	< 0.5	< 0.5	0.0%								
Tb	2343383	0.14	0.16	13.3%	2343398	0.196	0.191	2.6%								
Th	2343383	< 0.1	< 0.1	0.0%	2343372	6.4	6.3	1.6%								
Ti	2343358	0.124	0.126	1.6%	2343372	0.538	0.533	0.9%	2343383	0.136	0.129	5.3%	2343398	0.21	0.21	0.0%
Tl	2343383	< 0.5	< 0.5	0.0%	2343398	1.06	0.98	7.8%								
Tm	2343383	0.11	0.09	20.0%	2343398	0.122	0.138	12.3%								
U	2343383	< 0.05	< 0.05	0.0%	2343372	1.45	1.39	4.2%								
V	2343358	68	65	4.5%	2343372	217	214	1.4%	2343383	82	80	2.5%	2343398	125	121	3.3%
W	2343383	< 1	< 1	0.0%	2343398	< 1	< 1	0.0%								
Y	2343383	6.7	6.3	6.2%	2343398	8.5	8.5	0.0%								
Yb	2343383	0.6	0.6	0.0%	2343398	0.8	0.8	0.0%								
Zn	2343358	44	35	22.8%	2343372	90	93	3.3%	2343383	38	36	5.4%	2343398	64	56	13.3%
Zr	2343383	12.2	12.0	1.7%	2343398	17.5	22.9	26.7%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.CGL-015)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al					8.47	8.37	99%	90% - 110%	6.94	6.87	99%	90% - 110%	13.0	12.9	100%	90% - 110%
As					26	28	108%	90% - 110%								
Ba					540	511	95%	90% - 110%					1310	1340	102%	90% - 110%
Be					4.0	3.1	79%	90% - 110%								
Ca					0.907	0.865	95%	90% - 110%	4.01	4.02	100%	90% - 110%	1.42	1.41	99%	90% - 110%
Ce	58.2	66.1	114%	90% - 110%												
Co					15	15	98%	90% - 110%								
Cu					150	155	103%	90% - 110%					6.4	5	77%	90% - 110%
Er					3.7	4.4	119%	90% - 110%								
Fe					3.77	3.87	103%	90% - 110%	7.56	7.82	103%	90% - 110%	3.27	3.41	104%	90% - 110%
Ga	22.6	24.7	109%	90% - 110%												
Hf					11	11	97%	90% - 110%								
K					2.55	2.61	102%	90% - 110%	2.02	2.02	100%	90% - 110%	3.68	3.8	103%	90% - 110%
La	27.5	31	113%	90% - 110%												
Li					47	50	107%	90% - 110%					65.0	70.9	109%	90% - 110%
Lu					0.6	0.7	117%	90% - 110%								
Mg					1.1	1	92%	90% - 110%	2.41	2.54	106%	90% - 110%				
Mn					780	765	98%	90% - 110%								
Mo					14	14	98%	90% - 110%								
Nb	22.6	24.6	109%	90% - 110%												
Nd	27.3	27.9	102%	90% - 110%												
Ni					32	33	102%	90% - 110%								
P													0.061	0.052	85%	90% - 110%
Pb					31	32	105%	90% - 110%								
Rb	85.4	96.6	113%	90% - 110%												
Sb					0.8	0.7	91%	90% - 110%								
Sc					12	12	102%	90% - 110%								
Si					28.4	30.3	107%	90% - 110%	23.65	25.24	107%	90% - 110%	24.4	26.5	109%	90% - 110%
Sm					7.4	7.8	105%	90% - 110%								
Sr					144	152	105%	90% - 110%					310	329	106%	90% - 110%
Ta					1.9	2.4	124%	90% - 110%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Tb					1.2	1.2	101%	90% - 110%								
Th					18.4	20.4	111%	90% - 110%								
Ti					0.527	0.523	99%	90% - 110%					0.222	0.223	101%	90% - 110%
U					5.7	5.9	103%	90% - 110%								
V					77	76	99%	90% - 110%								
W					5	5	109%	90% - 110%								
Y	25.3	27.3	108%	90% - 110%												
Yb	2.66	2.94	111%	90% - 110%												
Zn					130	118	91%	90% - 110%					75.4	77.1	102%	90% - 110%
Zr	157	168	107%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O733215

PROJECT: 2021 Surimeau DDH Batch 35

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O733215

PROJECT: 2021 Surimeau DDH Batch 35

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O733215

PROJECT: 2021 Surimeau DDH Batch 35

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 37

AGAT WORK ORDER: 21O733663

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 21, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733663

PROJECT: 2021 Surimeau DDH Batch 37

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
47301 (2347252)	4.43
47302 (2347253)	0.91
47303 (2347254)	3.60
47304 (2347255)	4.40
47305 (2347256)	0.06
47306 (2347257)	6.29
47307 (2347258)	3.78
47308 (2347259)	3.12
47309 (2347260)	5.04
47310 (2347261)	2.75
47311 (2347262)	3.20
47312 C-DUP (2347263)	-
47313 (2347264)	4.22
47314 (2347265)	2.13
47315 (2347266)	2.14
47316 (2347267)	4.70
47317 (2347268)	4.64
47318 (2347269)	4.24
47319 (2347270)	4.60
47320 (2347271)	4.58
47321 (2347272)	4.76
47322 (2347273)	0.88
47323 (2347274)	4.47
47324 (2347275)	4.60
47325 (2347276)	4.81
47326 (2347277)	4.47
47327 (2347278)	4.30
47328 (2347279)	3.04
47329 (2347280)	2.64
47330 (2347281)	3.12
47331 (2347282)	2.91

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733663

PROJECT: 2021 Surimeau DDH Batch 37

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
47332 (2347283)	3.36
47333 (2347284)	3.45
47334 (2347285)	2.89
47335 (2347286)	3.88
47336 (2347287)	1.62
47337 (2347288)	1.80
47338 (2347289)	4.10
47339 (2347290)	4.50
47340 (2347291)	3.33
47341 (2347292)	1.91
47342 (2347293)	1.71
47343 (2347294)	4.20
47344 (2347295)	4.02
47345 C-DUP (2347296)	-
47346 (2347297)	4.68
47347 (2347298)	4.38
47348 (2347299)	2.44
47349 (2347300)	1.70
47350 (2347301)	3.28

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733663

PROJECT: 2021 Surimeau DDH Batch 37

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
47301 (2347252)	<1	3.26	<5	<20	2.0	<5	0.7	5.14	<0.2	1.9	93.5	0.234	0.5	44
47302 (2347253)	3	2.62	<5	140	219	<5	<0.1	11.2	<0.2	37.9	4.5	0.018	0.8	<5
47303 (2347254)	<1	3.74	<5	<20	1.1	<5	0.8	4.51	<0.2	1.9	93.4	0.252	0.6	51
47304 (2347255)	<1	3.15	<5	<20	0.7	<5	1.2	4.82	<0.2	2.0	92.3	0.224	0.6	47
47305 (2347256)	3	1.01	25	87	60.8	<5	0.8	2.37	1.0	11.5	1180	0.023	0.5	14800
47306 (2347257)	<1	3.30	<5	<20	1.5	<5	0.7	4.78	<0.2	1.8	89.2	0.237	0.4	61
47307 (2347258)	<1	3.21	<5	<20	28.5	<5	1.8	5.13	0.3	2.3	83.7	0.214	2.0	59
47308 (2347259)	<1	5.77	<5	<20	1410	<5	0.6	5.15	<0.2	59.3	67.3	0.154	44.5	15
47309 (2347260)	<1	4.72	<5	<20	844	<5	0.6	4.87	0.2	38.7	63.4	0.144	52.7	16
47310 (2347261)	<1	3.10	<5	<20	147	<5	0.8	3.50	0.2	1.8	99.0	0.236	16.4	95
47311 (2347262)	<1	3.38	<5	<20	2.9	<5	0.7	3.77	<0.2	2.0	93.5	0.235	0.9	84
47312 C-DUP (2347263)	<1	3.38	<5	<20	1.6	<5	0.6	3.83	<0.2	2.0	97.5	0.238	0.9	88
47313 (2347264)	<1	3.84	<5	<20	3.9	<5	0.6	3.54	<0.2	1.7	92.6	0.257	1.2	80
47314 (2347265)	<1	3.22	<5	<20	5.0	<5	0.7	4.32	<0.2	2.3	91.0	0.237	1.3	59
47315 (2347266)	<1	2.98	<5	<20	4.0	<5	0.7	4.59	<0.2	2.4	89.3	0.219	1.4	54
47316 (2347267)	<1	3.70	<5	<20	9.4	<5	0.7	3.86	<0.2	3.1	95.1	0.267	2.5	60
47317 (2347268)	<1	3.14	<5	<20	24.9	<5	0.7	3.35	<0.2	1.8	87.4	0.215	4.1	35
47318 (2347269)	<1	2.35	<5	<20	6.0	<5	1.2	4.46	<0.2	1.9	86.5	0.185	1.4	<5
47319 (2347270)	<1	2.98	<5	<20	5.4	<5	0.7	3.52	0.2	1.3	97.0	0.222	1.7	30
47320 (2347271)	<1	3.53	<5	<20	4.6	<5	0.3	4.91	<0.2	2.3	87.7	0.262	0.9	81
47321 (2347272)	<1	2.93	<5	<20	5.0	<5	0.7	4.83	<0.2	1.4	89.8	0.211	1.1	12
47322 (2347273)	<1	3.32	<5	<20	885	<5	<0.1	8.26	<0.2	54.8	11.5	0.011	0.5	7
47323 (2347274)	<1	3.52	<5	<20	3.0	<5	0.5	5.28	<0.2	1.8	99.1	0.281	0.7	71
47324 (2347275)	<1	3.82	6	<20	3.5	<5	0.3	4.79	<0.2	2.2	94.7	0.242	1.0	57
47325 (2347276)	<1	3.43	<5	<20	8.0	<5	0.5	4.29	<0.2	2.0	91.4	0.245	1.3	63
47326 (2347277)	<1	3.85	<5	<20	19.3	<5	0.3	3.15	<0.2	2.1	89.5	0.255	2.6	12
47327 (2347278)	<1	3.20	<5	<20	6.9	<5	0.2	3.73	<0.2	1.9	82.7	0.232	1.4	<5
47328 (2347279)	2	3.33	<5	<20	3.8	<5	0.5	4.60	<0.2	2.0	94.7	0.259	1.1	72
47329 (2347280)	<1	3.53	<5	<20	1.4	<5	0.2	5.18	<0.2	2.2	85.6	0.220	0.7	71
47330 (2347281)	<1	2.99	<5	<20	84.0	<5	0.3	7.97	<0.2	1.9	84.9	0.216	3.6	37
47331 (2347282)	4	2.66	<5	<20	75.6	<5	0.3	11.5	<0.2	1.9	75.8	0.190	3.2	19
47332 (2347283)	1	3.29	<5	<20	332	<5	0.4	12.5	<0.2	1.6	75.5	0.199	15.3	37

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733663

PROJECT: 2021 Surimeau DDH Batch 37

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
47333 (2347284)	7	5.78	<5	<20	446	<5	2.9	8.85	<0.2	2.9	136	0.428	3.0	102
47334 (2347285)	<1	3.97	<5	<20	69.6	<5	0.3	7.12	<0.2	3.4	85.2	0.236	3.3	97
47335 (2347286)	3	3.17	<5	<20	4.7	<5	0.7	4.26	<0.2	0.6	89.6	0.201	0.8	7
47336 (2347287)	5	2.70	<5	<20	2.0	<5	0.7	5.67	<0.2	1.2	88.6	0.194	0.5	45
47337 (2347288)	3	4.47	<5	<20	18.4	<5	0.7	8.39	<0.2	3.4	127	0.336	0.8	82
47338 (2347289)	10	2.86	<5	<20	1.4	<5	0.6	7.33	<0.2	1.7	87.6	0.220	0.4	43
47339 (2347290)	<1	3.74	<5	<20	1.3	<5	0.6	5.57	<0.2	1.4	93.8	0.249	0.6	41
47340 (2347291)	<1	3.14	<5	<20	10.9	<5	0.5	8.07	<0.2	2.4	85.2	0.211	0.8	64
47341 (2347292)	1	5.19	<5	<20	555	<5	2.0	6.16	0.2	4.1	194	0.480	25.0	174
47342 (2347293)	9	5.00	<5	<20	440	5	2.1	6.58	0.3	4.2	191	0.479	20.7	171
47343 (2347294)	3	3.81	<5	<20	604	<5	0.7	4.97	<0.2	1.6	89.6	0.238	48.9	12
47344 (2347295)	<1	2.80	<5	<20	131	<5	1.0	5.22	<0.2	1.0	77.8	0.186	16.6	40
47345 C-DUP (2347296)	<1	2.77	<5	<20	128	<5	1.0	5.16	0.2	0.9	83.0	0.182	17.4	40
47346 (2347297)	<1	3.58	<5	<20	<0.5	<5	0.7	5.04	<0.2	3.0	95.0	0.268	0.4	145
47347 (2347298)	<1	2.52	<5	<20	0.9	<5	1.2	3.33	<0.2	1.3	90.8	0.204	0.6	45
47348 (2347299)	1	2.05	<5	42	<0.5	<5	1.9	3.50	<0.2	1.7	94.3	0.177	1.0	21
47349 (2347300)	<1	1.86	<5	32	0.8	<5	1.7	5.39	<0.2	3.2	87.2	0.167	0.8	29
47350 (2347301)	<1	2.28	<5	<20	<0.5	<5	0.7	6.20	<0.2	2.9	81.1	0.160	0.3	82

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733663

PROJECT: 2021 Surimeau DDH Batch 37

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
47301 (2347252)	1.12	0.78	0.21	7.08	7.90	0.96	2	<1	0.30	<0.2	<0.05	0.6	<10	0.12
47302 (2347253)	1.75	0.97	0.51	1.28	8.36	2.53	2	4	0.35	<0.2	1.54	18.2	22	0.13
47303 (2347254)	1.27	0.85	0.17	7.65	7.85	1.18	3	<1	0.33	<0.2	<0.05	0.7	<10	0.14
47304 (2347255)	1.70	1.34	0.63	7.04	8.19	1.54	2	<1	0.38	<0.2	<0.05	0.6	<10	0.30
47305 (2347256)	1.02	0.53	0.20	33.4	3.84	1.02	<1	<1	0.21	<0.2	0.10	5.8	<10	0.09
47306 (2347257)	1.28	0.85	0.18	7.24	7.96	0.92	2	<1	0.28	<0.2	<0.05	0.6	<10	0.12
47307 (2347258)	1.36	0.84	0.39	6.90	9.15	1.06	3	<1	0.26	<0.2	0.09	0.8	11	0.13
47308 (2347259)	3.17	1.94	1.86	7.97	18.0	4.54	3	3	0.68	<0.2	2.70	27.2	207	0.26
47309 (2347260)	2.81	1.40	1.15	6.94	15.2	3.85	4	2	0.55	<0.2	2.69	15.8	212	0.23
47310 (2347261)	1.00	0.70	0.18	6.99	7.69	0.79	4	<1	0.24	<0.2	0.90	0.6	52	0.08
47311 (2347262)	1.19	0.85	0.18	6.92	9.00	0.90	3	<1	0.25	<0.2	<0.05	0.8	<10	0.11
47312 C-DUP (2347263)	1.24	0.77	0.17	7.06	8.76	0.87	3	<1	0.26	<0.2	<0.05	0.8	<10	0.11
47313 (2347264)	1.32	0.75	0.13	7.62	8.03	0.93	2	<1	0.28	<0.2	<0.05	0.6	<10	0.11
47314 (2347265)	1.41	0.92	0.20	7.41	6.39	1.04	3	<1	0.27	<0.2	0.05	0.8	<10	0.13
47315 (2347266)	1.30	0.80	0.14	7.22	6.75	1.06	2	<1	0.29	<0.2	<0.05	1.0	<10	0.10
47316 (2347267)	1.30	0.72	0.20	7.48	7.82	1.02	2	<1	0.27	<0.2	0.07	1.5	10	0.10
47317 (2347268)	1.26	0.79	0.17	7.20	6.66	1.02	2	<1	0.26	<0.2	0.14	0.6	11	0.10
47318 (2347269)	1.04	0.72	0.21	6.46	5.93	0.85	2	<1	0.26	<0.2	0.05	0.8	<10	0.10
47319 (2347270)	1.17	0.74	0.17	7.07	6.86	0.79	2	<1	0.25	<0.2	<0.05	0.5	<10	0.09
47320 (2347271)	1.75	1.01	0.28	7.93	7.31	1.31	1	<1	0.38	<0.2	<0.05	1.0	<10	0.14
47321 (2347272)	1.03	0.63	0.21	6.85	7.01	0.89	2	<1	0.22	<0.2	<0.05	0.4	<10	0.11
47322 (2347273)	3.40	1.77	1.14	1.95	11.9	4.07	1	4	0.60	<0.2	1.89	21.8	23	0.23
47323 (2347274)	1.41	1.01	0.25	7.80	8.62	1.20	2	<1	0.28	<0.2	<0.05	0.6	<10	0.11
47324 (2347275)	1.50	0.97	0.25	8.35	8.35	1.37	2	<1	0.33	<0.2	<0.05	0.7	<10	0.14
47325 (2347276)	1.36	0.88	0.21	7.65	6.71	1.05	2	<1	0.34	<0.2	<0.05	0.7	<10	0.12
47326 (2347277)	1.55	0.93	0.11	7.96	7.47	1.20	1	<1	0.32	<0.2	0.08	0.8	<10	0.15
47327 (2347278)	1.34	0.89	0.12	7.95	5.56	1.07	1	<1	0.29	<0.2	<0.05	0.7	<10	0.13
47328 (2347279)	1.32	0.90	0.15	7.74	6.84	1.05	2	<1	0.29	<0.2	<0.05	0.7	<10	0.12
47329 (2347280)	1.43	0.94	0.23	7.63	7.43	1.24	2	<1	0.32	<0.2	<0.05	0.7	<10	0.14
47330 (2347281)	1.39	0.78	0.32	7.08	7.63	1.07	1	<1	0.25	<0.2	0.22	0.7	21	0.12
47331 (2347282)	1.19	0.86	0.39	6.37	6.66	0.95	2	<1	0.22	<0.2	0.24	0.8	23	0.13
47332 (2347283)	1.25	0.82	0.27	6.72	7.42	1.05	2	<1	0.27	<0.2	1.24	0.6	84	0.11

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733663

PROJECT: 2021 Surimeau DDH Batch 37

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
47333 (2347284)	2.09	1.47	0.49	9.25	11.0	1.69	2	<1	0.41	<0.2	0.43	1.2	74	0.21
47334 (2347285)	1.91	1.29	0.51	8.23	8.05	1.54	2	<1	0.46	<0.2	0.23	1.4	22	0.18
47335 (2347286)	0.85	0.43	0.09	6.63	8.58	0.62	2	<1	0.18	<0.2	<0.05	0.2	<10	0.07
47336 (2347287)	1.12	0.71	0.14	6.62	6.26	0.96	3	<1	0.27	<0.2	<0.05	0.4	<10	0.11
47337 (2347288)	1.89	1.25	0.44	8.85	8.17	1.50	1	<1	0.38	<0.2	0.08	1.3	18	0.16
47338 (2347289)	1.39	0.87	0.13	7.13	5.95	1.01	2	<1	0.27	<0.2	<0.05	0.6	<10	0.15
47339 (2347290)	1.24	0.88	0.15	7.45	9.79	1.00	2	<1	0.27	<0.2	<0.05	0.4	<10	0.12
47340 (2347291)	1.65	0.88	0.34	7.01	7.61	1.16	2	<1	0.29	<0.2	<0.05	0.9	<10	0.11
47341 (2347292)	2.73	1.68	0.66	9.44	11.1	1.94	3	<1	0.56	<0.2	1.76	1.7	146	0.22
47342 (2347293)	2.79	1.78	0.82	9.39	12.2	2.02	3	1	0.59	<0.2	1.49	1.6	125	0.24
47343 (2347294)	1.25	0.77	0.31	6.74	9.86	0.88	3	<1	0.26	<0.2	2.63	0.5	186	0.12
47344 (2347295)	1.00	0.60	0.66	6.12	6.19	0.78	3	<1	0.23	<0.2	0.81	0.2	55	0.07
47345 C-DUP (2347296)	0.98	0.61	0.17	6.02	7.54	0.74	3	<1	0.22	<0.2	0.81	0.3	55	0.10
47346 (2347297)	1.29	0.74	0.21	7.52	8.35	1.01	2	<1	0.29	<0.2	<0.05	1.4	<10	0.12
47347 (2347298)	0.91	0.56	<0.05	6.56	7.15	0.76	3	<1	0.17	<0.2	<0.05	0.5	<10	0.08
47348 (2347299)	0.76	0.51	0.05	5.96	6.14	0.66	4	<1	0.17	<0.2	<0.05	0.8	<10	0.07
47349 (2347300)	0.76	0.53	0.10	5.77	5.80	0.76	2	<1	0.17	<0.2	<0.05	1.9	<10	0.06
47350 (2347301)	0.84	0.49	0.18	5.41	6.80	0.92	4	<1	0.20	<0.2	<0.05	1.1	<10	0.06

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733663

PROJECT: 2021 Surimeau DDH Batch 37

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
47301 (2347252)	14.0	1220	<2	<1	1.4	1310	<0.01	<5	0.29	0.7	0.37	<0.1	21	21.2
47302 (2347253)	4.76	516	<2	4	16.5	22	0.05	<5	4.24	35.5	0.17	<0.1	<5	22.4
47303 (2347254)	14.5	1280	<2	<1	1.6	1240	<0.01	<5	0.30	0.8	0.38	<0.1	25	20.3
47304 (2347255)	14.2	1240	<2	<1	2.6	1360	<0.01	<5	0.53	0.5	0.36	<0.1	21	21.8
47305 (2347256)	1.71	576	<2	1	4.7	21100	<0.01	41	1.35	3.8	20.9	0.4	7	7.41
47306 (2347257)	14.5	1110	<2	<1	1.5	1190	<0.01	<5	0.33	0.3	0.41	<0.1	24	23.2
47307 (2347258)	13.9	1240	<2	<1	1.9	1160	<0.01	<5	0.37	4.6	0.48	<0.1	22	23.2
47308 (2347259)	10.9	1400	<2	4	30.4	625	0.13	7	7.88	144	0.25	0.1	30	19.8
47309 (2347260)	10.7	1180	<2	3	22.6	629	0.12	10	5.27	141	0.18	<0.1	23	20.8
47310 (2347261)	14.1	1270	<2	<1	1.4	1500	<0.01	<5	0.29	43.6	0.50	0.2	22	23.8
47311 (2347262)	15.1	1180	<2	<1	1.9	1290	<0.01	<5	0.35	1.2	0.55	0.1	22	22.4
47312 C-DUP (2347263)	15.2	1200	<2	<1	1.7	1320	<0.01	<5	0.31	1.3	0.57	<0.1	23	22.8
47313 (2347264)	15.7	1170	<2	<1	1.6	1300	<0.01	<5	0.32	2.6	0.46	<0.1	25	20.6
47314 (2347265)	16.0	1270	<2	<1	2.1	1440	<0.01	<5	0.34	3.5	0.32	<0.1	23	22.0
47315 (2347266)	16.0	1290	<2	<1	2.1	1370	<0.01	<5	0.37	2.6	0.32	0.2	22	21.6
47316 (2347267)	16.5	1280	<2	<1	1.9	1430	<0.01	<5	0.43	4.3	0.26	<0.1	25	21.8
47317 (2347268)	16.0	1240	<2	<1	1.5	1360	<0.01	<5	0.31	8.5	0.15	<0.1	22	22.5
47318 (2347269)	15.2	1260	<2	<1	1.5	1350	<0.01	<5	0.29	2.6	0.10	<0.1	18	19.9
47319 (2347270)	14.8	1190	<2	<1	1.5	1320	<0.01	<5	0.20	2.4	0.16	0.2	23	21.2
47320 (2347271)	14.5	1190	<2	<1	2.0	1050	<0.01	<5	0.37	1.3	0.33	0.1	28	20.2
47321 (2347272)	15.0	1300	<2	<1	1.2	1390	<0.01	<5	0.23	2.2	0.13	<0.1	20	23.0
47322 (2347273)	6.32	516	<2	6	26.5	18	0.08	9	7.11	46.0	0.56	0.1	<5	26.2
47323 (2347274)	13.8	1240	<2	<1	2.1	1280	<0.01	<5	0.31	1.1	0.27	<0.1	25	20.1
47324 (2347275)	14.1	1280	<2	<1	2.1	1010	<0.01	<5	0.36	1.1	0.17	<0.1	28	20.6
47325 (2347276)	14.3	1290	<2	<1	1.8	1150	<0.01	<5	0.30	2.3	0.16	<0.1	25	21.9
47326 (2347277)	15.4	1260	<2	<1	2.2	1070	<0.01	<5	0.38	5.9	0.03	<0.1	27	21.4
47327 (2347278)	15.3	1350	<2	<1	1.5	1080	<0.01	<5	0.32	2.8	0.04	<0.1	26	22.2
47328 (2347279)	14.8	1260	<2	<1	1.7	1290	<0.01	<5	0.30	1.6	0.17	0.1	25	21.9
47329 (2347280)	13.7	1140	<2	<1	1.8	986	<0.01	<5	0.34	0.8	0.18	0.3	23	20.9
47330 (2347281)	12.9	1330	<2	<1	2.2	1190	<0.01	<5	0.34	10.2	0.19	<0.1	23	21.1
47331 (2347282)	11.0	1590	<2	<1	1.4	990	<0.01	<5	0.30	10.1	0.15	<0.1	20	20.1
47332 (2347283)	9.16	1650	<2	<1	1.5	938	<0.01	9	0.30	60.5	0.19	<0.1	23	18.6

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733663

PROJECT: 2021 Surimeau DDH Batch 37

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
47333 (2347284)	7.70	2310	<2	<1	2.7	1630	<0.01	6	0.49	13.5	0.10	0.2	42	22.6
47334 (2347285)	12.5	1740	<2	<1	2.8	971	0.01	<5	0.49	10.3	0.51	<0.1	27	21.2
47335 (2347286)	15.0	1080	<2	<1	0.9	1510	<0.01	<5	0.10	2.2	0.10	0.2	18	23.9
47336 (2347287)	14.5	1110	<2	<1	1.2	1350	<0.01	<5	0.24	1.4	0.26	0.1	20	24.9
47337 (2347288)	12.2	1940	<2	<1	2.7	1380	<0.01	<5	0.52	2.7	0.53	<0.1	32	17.1
47338 (2347289)	13.7	1450	<2	<1	1.6	1230	<0.01	<5	0.33	0.7	0.30	<0.1	23	22.2
47339 (2347290)	13.8	1250	<2	<1	1.5	1300	<0.01	<5	0.21	0.6	0.32	<0.1	25	20.6
47340 (2347291)	12.9	1450	<2	<1	1.9	1110	<0.01	17	0.39	2.2	0.58	0.2	21	19.6
47341 (2347292)	9.46	1810	<2	2	3.2	2400	0.10	7	0.67	81.2	0.92	<0.1	46	21.6
47342 (2347293)	9.64	1860	<2	2	3.3	2340	0.08	7	0.68	65.6	0.89	<0.1	47	22.1
47343 (2347294)	11.5	1360	<2	1	1.4	1210	<0.01	6	0.26	124	0.12	<0.1	21	23.4
47344 (2347295)	13.6	1120	<2	<1	1.3	1370	<0.01	<5	0.18	41.6	0.36	0.1	18	24.3
47345 C-DUP (2347296)	13.4	1110	<2	<1	1.2	1350	<0.01	7	0.19	40.3	0.36	0.3	17	23.9
47346 (2347297)	13.6	1170	<2	<1	2.2	1350	<0.01	<5	0.42	0.4	1.05	0.2	26	20.9
47347 (2347298)	15.6	1180	<2	<1	1.0	1480	<0.01	<5	0.21	0.9	0.34	<0.1	18	22.7
47348 (2347299)	16.6	1040	<2	<1	1.2	1630	<0.01	<5	0.23	0.6	0.18	0.1	15	22.5
47349 (2347300)	15.8	1220	<2	<1	1.6	1610	<0.01	<5	0.33	0.8	0.25	<0.1	14	20.5
47350 (2347301)	13.7	942	<2	<1	2.4	1560	<0.01	<5	0.47	0.8	0.68	<0.1	13	22.4

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733663

PROJECT: 2021 Surimeau DDH Batch 37

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
47301 (2347252)	0.6	1	104	<0.5	0.16	<0.1	0.19	<0.5	0.13	<0.05	130	<1	6.8	0.8
47302 (2347253)	2.9	<1	164	<0.5	0.31	4.5	0.15	<0.5	0.14	0.96	29	<1	8.6	0.8
47303 (2347254)	0.7	<1	119	<0.5	0.21	<0.1	0.21	<0.5	0.12	<0.05	155	<1	6.5	0.8
47304 (2347255)	2.1	<1	102	<0.5	0.31	0.2	0.17	<0.5	0.23	0.22	125	<1	7.1	1.1
47305 (2347256)	1.1	2	33.3	<0.5	0.17	0.9	0.10	<0.5	0.10	0.21	60	4	5.0	0.5
47306 (2347257)	0.5	2	49.2	<0.5	0.21	<0.1	0.19	<0.5	0.13	0.07	137	<1	7.5	0.8
47307 (2347258)	0.6	<1	41.7	<0.5	0.17	<0.1	0.17	<0.5	0.12	0.12	130	<1	7.3	0.8
47308 (2347259)	6.1	3	164	<0.5	0.65	3.7	0.46	2.0	0.28	1.28	217	<1	18.1	1.8
47309 (2347260)	4.7	3	84.1	<0.5	0.53	3.1	0.34	1.9	0.22	0.82	174	<1	15.4	1.4
47310 (2347261)	0.5	<1	30.6	<0.5	0.18	<0.1	0.17	0.6	0.10	0.05	118	<1	5.5	0.8
47311 (2347262)	1.0	<1	38.3	<0.5	0.19	<0.1	0.19	<0.5	0.09	<0.05	137	<1	7.2	0.8
47312 C-DUP (2347263)	0.6	<1	38.5	<0.5	0.19	<0.1	0.19	<0.5	0.11	<0.05	142	<1	7.2	0.7
47313 (2347264)	0.6	<1	130	<0.5	0.20	<0.1	0.21	<0.5	0.12	<0.05	158	<1	6.9	0.8
47314 (2347265)	0.7	<1	174	<0.5	0.20	<0.1	0.19	<0.5	0.12	<0.05	133	<1	7.5	0.8
47315 (2347266)	0.7	<1	193	<0.5	0.22	<0.1	0.16	<0.5	0.12	<0.05	125	<1	7.9	0.9
47316 (2347267)	0.7	<1	125	<0.5	0.16	<0.1	0.21	<0.5	0.13	<0.05	154	<1	7.0	0.8
47317 (2347268)	0.7	<1	123	<0.5	0.18	<0.1	0.17	<0.5	0.11	<0.05	129	<1	7.0	0.7
47318 (2347269)	0.5	1	323	<0.5	0.15	<0.1	0.13	<0.5	0.10	<0.05	97	<1	6.1	0.7
47319 (2347270)	0.6	<1	113	<0.5	0.15	<0.1	0.17	<0.5	0.12	<0.05	122	<1	5.9	0.8
47320 (2347271)	0.9	<1	152	<0.5	0.26	<0.1	0.21	<0.5	0.15	<0.05	176	<1	9.0	1.0
47321 (2347272)	0.5	<1	113	<0.5	0.17	<0.1	0.15	<0.5	0.12	<0.05	95	<1	5.9	0.8
47322 (2347273)	5.3	1	316	<0.5	0.59	3.9	0.33	<0.5	0.28	1.55	45	<1	17.4	1.7
47323 (2347274)	0.7	<1	137	<0.5	0.21	<0.1	0.21	<0.5	0.16	<0.05	164	<1	8.0	0.9
47324 (2347275)	0.9	<1	109	<0.5	0.22	<0.1	0.23	<0.5	0.13	<0.05	165	<1	8.2	1.0
47325 (2347276)	0.6	<1	83.6	<0.5	0.19	<0.1	0.21	<0.5	0.14	<0.05	136	<1	7.8	0.9
47326 (2347277)	0.7	<1	89.1	<0.5	0.22	<0.1	0.23	<0.5	0.12	<0.05	160	<1	7.7	0.9
47327 (2347278)	0.6	<1	110	<0.5	0.20	<0.1	0.21	<0.5	0.13	<0.05	135	<1	7.3	0.8
47328 (2347279)	0.8	<1	106	<0.5	0.20	<0.1	0.20	<0.5	0.12	<0.05	143	<1	7.6	0.9
47329 (2347280)	1.0	<1	97.4	<0.5	0.23	<0.1	0.20	<0.5	0.13	<0.05	141	<1	7.8	0.9
47330 (2347281)	0.8	<1	157	<0.5	0.20	<0.1	0.18	<0.5	0.11	<0.05	126	<1	7.2	0.8
47331 (2347282)	0.7	<1	249	<0.5	0.16	<0.1	0.16	<0.5	0.12	<0.05	117	<1	7.0	0.8
47332 (2347283)	0.7	<1	341	<0.5	0.19	<0.1	0.18	1.0	0.12	0.06	136	<1	7.0	0.8

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733663

PROJECT: 2021 Surimeau DDH Batch 37

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
47333 (2347284)	1.2	<1	204	<0.5	0.34	<0.1	0.35	<0.5	0.20	<0.05	243	<1	11.6	1.3
47334 (2347285)	1.1	<1	107	<0.5	0.29	<0.1	0.23	<0.5	0.21	<0.05	154	1	11.0	1.3
47335 (2347286)	0.4	<1	28.1	<0.5	0.09	<0.1	0.13	<0.5	0.07	<0.05	109	1	4.7	0.5
47336 (2347287)	0.6	<1	42.8	<0.5	0.17	<0.1	0.15	<0.5	0.10	<0.05	112	1	5.7	0.8
47337 (2347288)	1.1	<1	230	<0.5	0.26	<0.1	0.26	<0.5	0.17	<0.05	183	3	11.7	1.2
47338 (2347289)	0.4	<1	143	<0.5	0.17	<0.1	0.17	<0.5	0.13	<0.05	127	<1	7.3	0.8
47339 (2347290)	0.6	<1	95.6	<0.5	0.18	<0.1	0.21	<0.5	0.12	<0.05	144	<1	6.7	0.7
47340 (2347291)	0.8	<1	164	<0.5	0.20	<0.1	0.16	<0.5	0.13	<0.05	130	<1	8.0	0.9
47341 (2347292)	1.2	5	76.8	<0.5	0.34	<0.1	0.38	1.2	0.26	0.15	270	<1	14.2	1.6
47342 (2347293)	1.5	5	77.9	<0.5	0.43	<0.1	0.38	1.0	0.24	0.14	268	<1	14.6	1.7
47343 (2347294)	0.8	1	43.7	<0.5	0.17	<0.1	0.20	1.7	0.12	0.05	126	<1	6.9	0.7
47344 (2347295)	0.6	<1	36.3	<0.5	0.14	<0.1	0.14	0.6	0.09	<0.05	94	<1	5.4	0.6
47345 C-DUP (2347296)	0.4	<1	35.8	<0.5	0.17	<0.1	0.14	0.6	0.09	<0.05	93	<1	5.7	0.5
47346 (2347297)	0.9	1	38.9	<0.5	0.21	<0.1	0.21	<0.5	0.12	<0.05	143	<1	7.0	0.7
47347 (2347298)	0.5	<1	52.4	<0.5	0.14	<0.1	0.14	<0.5	0.09	<0.05	93	<1	5.3	0.7
47348 (2347299)	0.4	<1	93.0	<0.5	0.11	<0.1	0.12	<0.5	0.07	<0.05	78	<1	4.3	0.6
47349 (2347300)	0.5	<1	225	<0.5	0.12	<0.1	0.10	<0.5	0.07	<0.05	72	<1	4.8	0.5
47350 (2347301)	0.8	<1	92.0	<0.5	0.16	0.1	0.09	<0.5	0.07	0.07	77	<1	4.7	0.5

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733663

PROJECT: 2021 Surimeau DDH Batch 37

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
47301 (2347252)	57	17.7
47302 (2347253)	15	133
47303 (2347254)	61	18.5
47304 (2347255)	57	15.8
47305 (2347256)	88	31.9
47306 (2347257)	76	16.2
47307 (2347258)	134	16.7
47308 (2347259)	150	110
47309 (2347260)	125	84.3
47310 (2347261)	88	11.2
47311 (2347262)	55	13.1
47312 C-DUP (2347263)	49	20.3
47313 (2347264)	52	17.8
47314 (2347265)	46	17.6
47315 (2347266)	53	13.8
47316 (2347267)	47	16.1
47317 (2347268)	58	21.3
47318 (2347269)	49	13.5
47319 (2347270)	52	16.1
47320 (2347271)	60	18.5
47321 (2347272)	53	18.3
47322 (2347273)	27	168
47323 (2347274)	63	16.8
47324 (2347275)	68	16.4
47325 (2347276)	62	16.5
47326 (2347277)	57	18.5
47327 (2347278)	62	12.5
47328 (2347279)	53	16.4
47329 (2347280)	60	14.5
47330 (2347281)	55	14.3
47331 (2347282)	45	14.7
47332 (2347283)	61	14.2

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733663

PROJECT: 2021 Surimeau DDH Batch 37

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
47333 (2347284)	90	27.6
47334 (2347285)	60	16.8
47335 (2347286)	57	12.1
47336 (2347287)	50	14.4
47337 (2347288)	70	24.7
47338 (2347289)	53	13.1
47339 (2347290)	55	18.4
47340 (2347291)	58	17.4
47341 (2347292)	113	32.1
47342 (2347293)	113	30.9
47343 (2347294)	103	14.8
47344 (2347295)	60	12.6
47345 C-DUP (2347296)	62	12.3
47346 (2347297)	62	16.2
47347 (2347298)	62	12.3
47348 (2347299)	45	10.4
47349 (2347300)	72	9.3
47350 (2347301)	63	9.8

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733663

PROJECT: 2021 Surimeau DDH Batch 37

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
47301 (2347252)	83.94
47320 (2347271)	82.22
47340 (2347291)	92.13

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733663

PROJECT: 2021 Surimeau DDH Batch 37

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
47301 (2347252)	85.19
47319 (2347270)	86.08
47338 (2347289)	87.41

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2347252	< 1	< 1	0.0%	2347266	< 1	< 1	0.0%	2347277	< 1	< 1	0.0%	2347292	1	2	66.7%
Al	2347252	3.26	3.38	3.6%	2347266	2.98	3.04	2.0%	2347277	3.85	3.88	0.8%	2347292	5.19	5.02	3.3%
As	2347252	< 5	< 5	0.0%	2347266	< 5	< 5	0.0%	2347277	< 5	< 5	0.0%	2347292	< 5	< 5	0.0%
B	2347252	< 20	< 20	0.0%	2347266	< 20	< 20	0.0%	2347277	< 20	< 20	0.0%	2347292	< 20	< 20	0.0%
Ba	2347252	2.0	1.3	42.4%	2347266	4.02	4.98	21.3%	2347277	19.3	19.0	1.6%	2347292	555	538	3.1%
Be	2347252	< 5	< 5	0.0%	2347266	< 5	< 5	0.0%	2347277	< 5	< 5	0.0%	2347292	< 5	< 5	0.0%
Bi	2347252	0.7	0.86	20.5%	2347266	0.7	0.7	0.0%	2347277	0.27	0.21	25.0%	2347292	2.0	2.0	0.0%
Ca	2347252	5.14	5.17	0.6%	2347266	4.59	4.59	0.0%	2347277	3.15	3.20	1.6%	2347292	6.16	5.95	3.5%
Cd	2347252	< 0.2	< 0.2	0.0%	2347266	< 0.2	0.3		2347277	< 0.2	< 0.2	0.0%	2347292	0.20	0.25	22.2%
Ce	2347252	1.9	1.8	5.4%	2347266	2.37	2.66	11.5%	2347277	2.1	1.9	10.0%	2347292	4.10	4.04	1.5%
Co	2347252	93.5	93.9	0.4%	2347266	89.3	91.2	2.1%	2347277	89.5	90.8	1.4%	2347292	194	202	4.0%
Cr	2347252	0.234	0.241	2.9%	2347266	0.219	0.214	2.3%	2347277	0.255	0.254	0.4%	2347292	0.480	0.457	4.9%
Cs	2347252	0.5	0.4	22.2%	2347266	1.4	1.7	19.4%	2347277	2.6	2.6	0.0%	2347292	25.0	24.9	0.4%
Cu	2347252	44	49	10.8%	2347266	54	56	3.6%	2347277	12	13	8.0%	2347292	174	167	4.1%
Dy	2347252	1.12	1.14	1.8%	2347266	1.30	1.36	4.5%	2347277	1.55	1.54	0.6%	2347292	2.73	2.78	1.8%
Er	2347252	0.78	0.700	10.8%	2347266	0.80	0.81	1.2%	2347277	0.93	0.93	0.0%	2347292	1.68	1.70	1.2%
Eu	2347252	0.21	0.25	17.4%	2347266	0.14	0.16	13.3%	2347277	0.11	0.11	0.0%	2347292	0.66	0.70	5.9%
Fe	2347252	7.08	7.20	1.7%	2347266	7.22	7.19	0.4%	2347277	7.96	8.00	0.5%	2347292	9.44	9.11	3.6%
Ga	2347252	7.90	7.60	3.9%	2347266	6.75	6.80	0.7%	2347277	7.47	7.31	2.2%	2347292	11.1	13.8	21.7%
Gd	2347252	0.96	0.86	11.0%	2347266	1.06	1.15	8.1%	2347277	1.20	1.00	18.2%	2347292	1.94	1.98	2.0%
Ge	2347252	2	2	0.0%	2347266	2	2	0.0%	2347277	1	2		2347292	3	3	0.0%
Hf	2347252	< 1	< 1	0.0%	2347266	< 1	< 1	0.0%	2347277	< 1	< 1	0.0%	2347292	< 1	1	
Ho	2347252	0.30	0.25	18.2%	2347266	0.29	0.30	3.4%	2347277	0.32	0.32	0.0%	2347292	0.563	0.523	7.4%
In	2347252	< 0.2	< 0.2	0.0%	2347266	< 0.2	< 0.2	0.0%	2347277	< 0.2	< 0.2	0.0%	2347292	< 0.2	< 0.2	0.0%
K	2347252	< 0.05	< 0.05	0.0%	2347266	< 0.05	< 0.05	0.0%	2347277	0.084	0.097	14.4%	2347292	1.76	1.70	3.5%
La	2347252	0.6	0.6	0.0%	2347266	1.0	1.0	0.0%	2347277	0.79	0.64	21.0%	2347292	1.7	1.7	0.0%
Li	2347252	< 10	< 10	0.0%	2347266	< 10	< 10	0.0%	2347277	< 10	< 10	0.0%	2347292	146	144	1.4%
Lu	2347252	0.12	0.094	24.3%	2347266	0.10	0.11	9.5%	2347277	0.151	0.123	20.4%	2347292	0.221	0.247	11.1%
Mg	2347252	14.0	14.4	2.8%	2347266	16.0	15.5	3.2%	2347277	15.4	15.3	0.7%	2347292	9.46	9.18	3.0%
Mn	2347252	1220	1240	1.6%	2347266	1290	1280	0.8%	2347277	1260	1270	0.8%	2347292	1810	1750	3.4%
Mo	2347252	< 2	< 2	0.0%	2347266	< 2	< 2	0.0%	2347277	< 2	< 2	0.0%	2347292	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2347252	< 1	< 1	0.0%	2347266	< 1	< 1	0.0%	2347277	< 1	< 1	0.0%	2347292	2	2	0.0%
Nd	2347252	1.4	1.53	8.9%	2347266	2.1	2.2	4.7%	2347277	2.16	2.01	7.2%	2347292	3.20	3.26	1.9%
Ni	2347252	1310	1350	3.0%	2347266	1370	1360	0.7%	2347277	1070	1060	0.9%	2347292	2400	2350	2.1%
P	2347252	< 0.01	< 0.01	0.0%	2347266	< 0.01	< 0.01	0.0%	2347277	< 0.01	< 0.01	0.0%	2347292	0.10	0.09	10.5%
Pb	2347252	< 5	< 5	0.0%	2347266	< 5	< 5	0.0%	2347277	< 5	< 5	0.0%	2347292	7	7	0.0%
Pr	2347252	0.29	0.269	7.5%	2347266	0.37	0.39	5.3%	2347277	0.379	0.344	9.7%	2347292	0.67	0.63	6.2%
Rb	2347252	0.7	0.5	33.3%	2347266	2.64	2.73	3.4%	2347277	5.86	5.73	2.2%	2347292	81.2	80.9	0.4%
S	2347252	0.37	0.385	4.0%	2347266	0.32	0.32	0.0%	2347277	0.035	0.037	5.6%	2347292	0.915	0.890	2.8%
Sb	2347252	< 0.1	< 0.1	0.0%	2347266	0.2	0.2	0.0%	2347277	< 0.1	0.2		2347292	< 0.1	< 0.1	0.0%
Sc	2347252	21	22	4.7%	2347266	22	22	0.0%	2347277	27	26	3.8%	2347292	46	45	2.2%
Si	2347252	21.2	21.5	1.4%	2347266	21.6	21.4	0.9%	2347277	21.4	21.6	0.9%	2347292	21.6	21.0	2.8%
Sm	2347252	0.6	0.6	0.0%	2347266	0.71	0.81	13.2%	2347277	0.66	0.64	3.1%	2347292	1.22	1.48	19.3%
Sn	2347252	1	< 1		2347266	< 1	< 1	0.0%	2347277	< 1	< 1	0.0%	2347292	5	5	0.0%
Sr	2347252	104	106	1.9%	2347266	193	191	1.0%	2347277	89.1	90.1	1.1%	2347292	76.8	74.3	3.3%
Ta	2347252	< 0.5	< 0.5	0.0%	2347266	< 0.5	< 0.5	0.0%	2347277	< 0.5	< 0.5	0.0%	2347292	< 0.5	< 0.5	0.0%
Tb	2347252	0.16	0.176	9.5%	2347266	0.22	0.22	0.0%	2347277	0.22	0.22	0.0%	2347292	0.34	0.38	11.1%
Th	2347252	< 0.1	< 0.1	0.0%	2347266	< 0.1	< 0.1	0.0%	2347277	< 0.1	< 0.1	0.0%	2347292	< 0.1	< 0.1	0.0%
Ti	2347252	0.19	0.197	3.6%	2347266	0.165	0.171	3.6%	2347277	0.23	0.22	4.4%	2347292	0.38	0.37	2.7%
Tl	2347252	< 0.5	< 0.5	0.0%	2347266	< 0.5	< 0.5	0.0%	2347277	< 0.5	< 0.5	0.0%	2347292	1.2	1.2	0.0%
Tm	2347252	0.13	0.13	0.0%	2347266	0.12	0.13	8.0%	2347277	0.124	0.139	11.4%	2347292	0.26	0.23	12.2%
U	2347252	< 0.05	< 0.05	0.0%	2347266	< 0.05	< 0.05	0.0%	2347277	< 0.05	< 0.05	0.0%	2347292	0.15	0.17	12.5%
V	2347252	130	133	2.3%	2347266	125	123	1.6%	2347277	160	158	1.3%	2347292	270	259	4.2%
W	2347252	< 1	< 1	0.0%	2347266	< 1	< 1	0.0%	2347277	< 1	< 1	0.0%	2347292	< 1	< 1	0.0%
Y	2347252	6.8	5.95	13.3%	2347266	7.9	7.5	5.2%	2347277	7.71	7.44	3.6%	2347292	14.2	13.8	2.9%
Yb	2347252	0.8	0.72	10.5%	2347266	0.89	0.83	7.0%	2347277	0.9	0.9	0.0%	2347292	1.6	1.6	0.0%
Zn	2347252	57	54	5.4%	2347266	53	47	12.0%	2347277	57	60	5.1%	2347292	113	115	1.8%
Zr	2347252	17.7	16.2	8.8%	2347266	13.8	17.8	25.3%	2347277	18.5	15.3	18.9%	2347292	32.1	32.3	0.6%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O733663

PROJECT: 2021 Surimeau DDH Batch 37

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.06	95%	90% - 110%					6.94	7.09	102%	90% - 110%	13.0	12.9	99%	90% - 110%
As	26	26	100%	90% - 110%												
Ba	540	528	98%	90% - 110%									1310	1349	103%	90% - 110%
Be	4.0	3.4	85%	90% - 110%												
Ca	0.907	0.875	96%	90% - 110%					4.01	4.09	102%	90% - 110%	1.42	1.4	99%	90% - 110%
Ce	98	110	112%	90% - 110%	58.2	66.3	114%	90% - 110%								
Co	15	14	94%	90% - 110%												
Cu	150	155	103%	90% - 110%									6.4	5.1	80%	90% - 110%
Er	3.7	4.5	121%	90% - 110%												
Fe	3.77	3.78	100%	90% - 110%					7.56	7.96	105%	90% - 110%	3.27	3.36	103%	90% - 110%
Ga					22.6	23.4	103%	90% - 110%								
Hf	11	10	95%	90% - 110%												
K	2.55	2.39	94%	90% - 110%					2.02	2	99%	90% - 110%	3.68	3.61	98%	90% - 110%
La	44	49	111%	90% - 110%	27.5	31.1	113%	90% - 110%								
Li	47	47	100%	90% - 110%									65.0	71	109%	90% - 110%
Lu	0.6	0.5	89%	90% - 110%												
Mg	1.1	1	93%	90% - 110%					2.41	2.42	100%	90% - 110%				
Mn	780	758	97%	90% - 110%												
Mo	14	14	100%	90% - 110%												
Nb	20	19	95%	90% - 110%	22.6	23.3	103%	90% - 110%								
Nd					27.3	29.2	107%	90% - 110%								
Ni	32	41	129%	90% - 110%												
P													0.061	0.047	77%	90% - 110%
Pb	31	33	105%	90% - 110%												
Rb	144	142	98%	90% - 110%	85.4	85.8	100%	90% - 110%								
Sb	0.8	0.9	112%	90% - 110%												
Sc	12	12	102%	90% - 110%												
Si	28.4	29.4	104%	90% - 110%					23.65	25.86	109%	90% - 110%	24.4	25.8	106%	90% - 110%
Sm	7.4	9.1	122%	90% - 110%												
Sr	144	153	106%	90% - 110%									310	334	108%	90% - 110%
Ta	1.9	2.3	123%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Tb	1.2	1.2	100%	90% - 110%												
Th	18.4	20.2	110%	90% - 110%												
Ti	0.527	0.509	97%	90% - 110%									0.222	0.218	98%	90% - 110%
U	5.7	5.9	103%	90% - 110%												
V	77	80	104%	90% - 110%												
W	5	5	108%	90% - 110%												
Y	40	36	91%	90% - 110%	25.3	24	95%	90% - 110%								
Yb					2.66	2.77	104%	90% - 110%								
Zn	130	115	89%	90% - 110%									75.4	81.1	108%	90% - 110%
Zr	390	386	99%	90% - 110%	157	167	107%	90% - 110%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O733663

PROJECT: 2021 Surimeau DDH Batch 37

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC
AGAT WORK ORDER: 21O733663
PROJECT: 2021 Surimeau DDH Batch 37
ATTENTION TO: Francis Newton
SAMPLING SITE:
SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O733663

PROJECT: 2021 Surimeau DDH Batch 37

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 38

AGAT WORK ORDER: 21O733664

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Sep 21, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733664

PROJECT: 2021 Surimeau DDH Batch 38

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
47351 (2347302)	0.96
47352 (2347303)	1.15
47353 (2347304)	2.55
47354 (2347305)	2.95
47355 (2347306)	3.26
47356 (2347307)	4.22
47357 (2347308)	4.78
47358 (2347309)	4.82
47359 (2347310)	4.84
47360 (2347311)	4.92
47361 (2347312)	5.51
47362 C-DUP (2347313)	-
47363 (2347314)	4.34
47364 (2347315)	2.52
47365 (2347316)	2.33
47366 (2347317)	3.36
47367 (2347318)	3.76
47368 (2347319)	4.98
47369 (2347320)	3.17
47370 (2347321)	3.55
47371 (2347322)	3.37
47372 (2347323)	0.87
47373 (2347324)	4.88
47374 (2347325)	4.69
47375 (2347326)	5.38
47376 (2347327)	5.08
47377 (2347328)	5.45
47378 (2347329)	4.98
47379 (2347330)	4.96
47380 (2347331)	3.39
47381 (2347332)	4.36

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733664

PROJECT: 2021 Surimeau DDH Batch 38

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
47382 (2347333)	1.78
47383 (2347334)	2.83
47384 (2347335)	1.41
47385 (2347336)	4.38
47386 (2347337)	5.14
47387 (2347338)	5.14
47388 (2347339)	5.14
47389 (2347340)	4.79
47390 (2347341)	4.05
47391 (2347342)	1.24
47392 (2347343)	1.05
47393 (2347344)	1.48
47394 (2347345)	3.17
47395 C-DUP (2347346)	-
47396 (2347347)	3.42
47397 (2347348)	1.82
47398 (2347349)	2.53
47399 (2347350)	3.15
47400 (2347351)	2.75

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733664

PROJECT: 2021 Surimeau DDH Batch 38

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
47351 (2347302)	<1	1.83	<5	<20	37.5	<5	0.5	12.0	<0.2	9.2	76.8	0.142	2.3	69
47352 (2347303)	<1	3.08	<5	<20	371	<5	<0.1	10.4	<0.2	31.8	4.7	0.013	0.6	<5
47353 (2347304)	<1	3.12	<5	<20	481	<5	0.4	6.39	<0.2	2.8	73.4	0.133	36.4	13
47354 (2347305)	<1	4.83	<5	<20	1030	<5	0.3	6.40	<0.2	50.5	80.2	0.146	32.4	21
47355 (2347306)	<1	2.95	<5	<20	109	<5	0.8	9.26	<0.2	5.9	117	0.221	2.2	44
47356 (2347307)	<1	3.12	<5	<20	<0.5	<5	0.2	7.04	<0.2	1.9	88.1	0.225	0.3	45
47357 (2347308)	<1	2.67	<5	<20	<0.5	<5	0.2	4.56	<0.2	1.5	84.2	0.213	0.2	<5
47358 (2347309)	<1	2.87	<5	<20	<0.5	<5	0.1	3.38	<0.2	1.5	85.8	0.210	0.4	<5
47359 (2347310)	<1	3.11	<5	<20	<0.5	<5	0.1	3.91	<0.2	2.1	87.6	0.203	0.5	<5
47360 (2347311)	<1	2.75	<5	<20	<0.5	<5	0.1	4.04	<0.2	1.5	86.3	0.200	0.4	<5
47361 (2347312)	<1	3.24	<5	<20	<0.5	<5	0.2	3.56	<0.2	1.2	94.2	0.231	0.5	<5
47362 C-DUP (2347313)	<1	3.33	<5	<20	<0.5	<5	0.2	3.59	<0.2	1.3	95.1	0.241	0.5	<5
47363 (2347314)	<1	2.90	<5	<20	<0.5	<5	0.2	4.04	<0.2	1.6	90.9	0.218	0.6	<5
47364 (2347315)	<1	2.80	<5	<20	<0.5	<5	0.2	3.66	<0.2	1.3	91.7	0.215	1.0	<5
47365 (2347316)	<1	2.82	<5	<20	<0.5	<5	0.2	4.08	<0.2	1.4	85.7	0.215	0.6	<5
47366 (2347317)	<1	2.99	<5	<20	<0.5	<5	0.3	4.11	<0.2	1.3	94.7	0.223	0.7	7
47367 (2347318)	<1	2.00	<5	<20	<0.5	<5	<0.1	9.81	<0.2	2.7	62.7	0.142	0.4	17
47368 (2347319)	<1	3.33	<5	<20	<0.5	<5	<0.1	3.97	<0.2	1.2	96.7	0.237	0.9	41
47369 (2347320)	<1	3.55	<5	<20	<0.5	<5	0.1	4.16	<0.2	1.4	95.4	0.251	0.6	43
47370 (2347321)	<1	3.37	<5	<20	0.7	<5	0.1	3.78	<0.2	2.8	92.8	0.234	0.9	27
47371 (2347322)	<1	3.10	<5	<20	4.9	<5	0.1	4.63	<0.2	3.0	85.2	0.221	1.1	26
47372 (2347323)	<1	3.97	<5	34	369	<5	<0.1	10.6	<0.2	43.4	6.9	0.014	0.6	9
47373 (2347324)	<1	3.49	<5	<20	1.2	<5	0.1	4.32	<0.2	1.6	95.9	0.243	1.0	70
47374 (2347325)	<1	3.44	<5	<20	0.6	<5	0.1	4.21	<0.2	1.6	98.1	0.241	0.9	55
47375 (2347326)	<1	3.42	<5	<20	1.5	<5	0.1	4.15	<0.2	1.6	97.3	0.243	1.1	53
47376 (2347327)	<1	2.91	<5	<20	7.7	<5	0.1	4.71	<0.2	1.5	81.6	0.206	1.4	17
47377 (2347328)	<1	2.19	<5	<20	1.7	<5	<0.1	7.15	<0.2	2.5	72.9	0.154	0.8	18
47378 (2347329)	<1	3.97	<5	<20	<0.5	<5	<0.1	5.02	<0.2	1.4	95.5	0.265	0.4	71
47379 (2347330)	<1	3.44	<5	<20	<0.5	<5	<0.1	6.24	<0.2	1.8	79.7	0.237	0.3	53
47380 (2347331)	<1	3.16	<5	<20	<0.5	<5	0.1	5.12	<0.2	1.3	90.6	0.223	0.5	57
47381 (2347332)	<1	3.63	<5	<20	37.7	<5	0.1	5.03	<0.2	3.6	95.1	0.219	1.3	49
47382 (2347333)	<1	7.18	<5	<20	1580	<5	<0.1	3.54	<0.2	57.7	54.2	0.085	49.5	<5

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733664

PROJECT: 2021 Surimeau DDH Batch 38

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
47383 (2347334)	<1	3.39	<5	<20	24.9	<5	0.1	7.02	<0.2	6.3	92.6	0.235	0.7	77
47384 (2347335)	<1	4.48	<5	<20	451	<5	<0.1	5.83	<0.2	19.9	82.5	0.175	15.4	26
47385 (2347336)	<1	3.43	<5	<20	5.4	<5	<0.1	7.70	<0.2	3.2	84.9	0.243	0.7	39
47386 (2347337)	<1	3.35	<5	<20	0.9	<5	0.1	6.02	<0.2	2.3	92.7	0.231	0.4	44
47387 (2347338)	<1	2.80	<5	<20	<0.5	<5	0.1	5.96	<0.2	3.2	85.4	0.206	0.3	34
47388 (2347339)	1	3.83	<5	<20	<0.5	<5	<0.1	5.66	<0.2	2.1	88.0	0.251	0.3	52
47389 (2347340)	<1	3.14	<5	<20	1.9	<5	0.1	6.06	<0.2	1.8	96.4	0.224	0.7	76
47390 (2347341)	<1	4.92	<5	<20	291	<5	0.2	9.08	<0.2	3.9	106	0.310	7.7	46
47391 (2347342)	<1	2.32	<5	<20	178	<5	0.1	14.0	<0.2	4.4	71.0	0.177	8.1	31
47392 (2347343)	3	2.22	<5	<20	97.3	<5	0.1	13.8	<0.2	5.7	72.2	0.175	5.3	27
47393 (2347344)	<1	2.89	<5	<20	39.0	<5	0.1	6.30	<0.2	2.6	89.0	0.215	2.0	76
47394 (2347345)	<1	3.14	<5	<20	29.1	<5	0.2	5.97	<0.2	3.9	94.7	0.221	4.4	73
47395 C-DUP (2347346)	<1	3.11	<5	<20	29.6	<5	0.1	5.87	<0.2	3.8	88.1	0.219	4.2	69
47396 (2347347)	<1	7.10	<5	<20	1200	<5	0.7	6.91	<0.2	6.3	163	0.459	14.7	269
47397 (2347348)	1	7.36	<5	<20	395	<5	1.6	2.93	21.2	34.1	218	0.056	1.2	1200
47398 (2347349)	1	8.00	<5	<20	122	<5	0.5	2.46	3.7	55.2	53.3	0.041	0.4	196
47399 (2347350)	1	7.61	<5	<20	371	<5	0.3	3.95	<0.2	78.2	37.8	0.060	1.0	81
47400 (2347351)	<1	6.57	<5	<20	571	<5	0.2	5.08	<0.2	56.7	42.5	0.085	2.0	73

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733664

PROJECT: 2021 Surimeau DDH Batch 38

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
47351 (2347302)	1.22	0.73	0.41	5.49	5.43	1.23	3	<1	0.19	<0.2	0.21	4.9	<10	<0.05
47352 (2347303)	2.50	1.43	0.66	1.46	9.56	2.67	1	4	0.45	<0.2	2.20	14.1	18	0.15
47353 (2347304)	0.71	0.40	0.32	5.69	7.78	0.60	2	<1	0.08	<0.2	2.43	0.7	91	<0.05
47354 (2347305)	2.67	1.41	0.82	7.51	15.5	3.96	2	3	0.39	<0.2	2.30	21.3	121	0.13
47355 (2347306)	1.24	0.76	0.28	6.60	6.91	1.06	2	<1	0.19	<0.2	0.31	2.9	12	0.07
47356 (2347307)	1.13	0.71	0.14	7.22	6.51	0.94	2	<1	0.17	<0.2	<0.05	0.9	<10	<0.05
47357 (2347308)	0.82	0.47	<0.05	6.92	5.30	0.68	1	<1	0.12	<0.2	<0.05	0.6	<10	<0.05
47358 (2347309)	0.78	0.53	<0.05	7.51	5.76	0.68	1	<1	0.13	<0.2	<0.05	0.6	<10	<0.05
47359 (2347310)	1.23	0.74	<0.05	6.97	7.14	0.98	1	<1	0.18	<0.2	<0.05	0.8	<10	<0.05
47360 (2347311)	0.95	0.64	0.07	7.00	5.63	0.74	1	<1	0.15	<0.2	<0.05	0.6	<10	<0.05
47361 (2347312)	0.87	0.54	<0.05	7.20	7.05	0.62	1	<1	0.11	<0.2	<0.05	0.4	<10	<0.05
47362 C-DUP (2347313)	0.87	0.56	<0.05	7.37	6.76	0.63	1	<1	0.11	<0.2	<0.05	0.5	<10	<0.05
47363 (2347314)	1.06	0.68	0.09	7.16	6.65	0.85	1	<1	0.16	<0.2	<0.05	0.6	<10	<0.05
47364 (2347315)	1.24	0.85	0.21	7.16	6.16	0.96	1	<1	0.20	<0.2	<0.05	0.6	<10	0.13
47365 (2347316)	1.00	0.62	<0.05	7.19	5.67	0.70	2	<1	0.13	<0.2	<0.05	0.4	<10	<0.05
47366 (2347317)	0.99	0.63	0.07	7.38	6.05	0.79	<1	<1	0.16	<0.2	<0.05	0.4	<10	<0.05
47367 (2347318)	1.62	1.08	0.41	6.21	3.56	1.29	1	<1	0.28	<0.2	<0.05	0.9	<10	0.08
47368 (2347319)	1.36	0.78	0.07	7.85	7.21	0.85	1	<1	0.19	<0.2	<0.05	0.4	<10	<0.05
47369 (2347320)	1.49	0.99	0.07	7.67	6.19	1.24	1	<1	0.25	<0.2	<0.05	0.4	<10	<0.05
47370 (2347321)	0.97	0.57	<0.05	7.27	6.47	0.74	1	<1	0.14	<0.2	<0.05	1.4	<10	<0.05
47371 (2347322)	1.09	0.73	0.08	7.23	5.75	0.95	1	<1	0.16	<0.2	0.07	1.4	<10	<0.05
47372 (2347323)	3.53	1.93	0.93	2.27	11.9	4.41	<1	3	0.56	<0.2	2.28	18.9	19	0.18
47373 (2347324)	1.18	0.75	0.10	7.83	7.51	0.89	1	<1	0.17	<0.2	<0.05	0.5	<10	<0.05
47374 (2347325)	1.12	0.75	0.08	7.61	6.44	0.97	2	<1	0.21	<0.2	<0.05	0.5	<10	<0.05
47375 (2347326)	1.24	0.77	0.07	7.96	6.98	0.95	1	<1	0.20	<0.2	0.06	0.6	<10	<0.05
47376 (2347327)	0.96	0.59	0.05	6.90	6.39	0.69	1	<1	0.13	<0.2	0.08	0.5	<10	<0.05
47377 (2347328)	1.56	0.78	0.16	6.36	5.36	1.26	2	<1	0.23	<0.2	0.06	1.0	<10	0.05
47378 (2347329)	1.37	0.98	0.08	8.15	7.33	1.02	1	<1	0.21	<0.2	<0.05	0.5	<10	0.05
47379 (2347330)	1.30	0.81	0.10	7.74	6.25	0.91	1	<1	0.20	<0.2	<0.05	0.7	<10	0.06
47380 (2347331)	1.13	0.76	<0.05	7.21	7.69	0.89	2	<1	0.18	<0.2	<0.05	0.5	<10	0.05
47381 (2347332)	1.25	0.76	0.09	7.31	9.51	1.06	2	<1	0.17	<0.2	0.08	1.5	<10	<0.05
47382 (2347333)	3.43	1.68	1.33	8.19	19.1	5.56	2	3	0.52	<0.2	3.85	25.7	172	0.16

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733664

PROJECT: 2021 Surimeau DDH Batch 38

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
47383 (2347334)	1.42	0.81	0.27	7.29	7.48	1.25	2	<1	0.20	<0.2	0.06	3.0	<10	0.07
47384 (2347335)	2.50	1.41	0.83	7.69	10.1	3.11	2	1	0.39	<0.2	1.30	7.5	58	0.13
47385 (2347336)	1.14	0.69	0.15	7.66	7.87	0.86	1	<1	0.17	<0.2	0.06	1.5	<10	0.05
47386 (2347337)	1.17	0.76	0.12	7.46	7.95	1.00	1	<1	0.19	<0.2	<0.05	0.9	<10	<0.05
47387 (2347338)	1.10	0.64	0.10	7.18	5.49	0.84	2	<1	0.16	<0.2	<0.05	1.6	<10	<0.05
47388 (2347339)	1.28	0.91	0.08	8.10	8.33	0.92	1	<1	0.23	<0.2	<0.05	0.8	<10	0.08
47389 (2347340)	1.07	0.62	<0.05	7.07	7.53	0.79	2	<1	0.14	<0.2	0.06	0.8	<10	<0.05
47390 (2347341)	1.98	1.34	0.57	8.50	12.0	1.62	1	<1	0.36	<0.2	0.84	2.1	32	0.14
47391 (2347342)	0.90	0.48	0.12	5.79	5.74	0.66	2	<1	0.11	<0.2	1.02	2.8	36	<0.05
47392 (2347343)	0.80	0.48	0.19	5.76	5.83	0.79	2	<1	0.11	<0.2	0.66	3.6	26	<0.05
47393 (2347344)	1.09	0.72	<0.05	6.81	6.98	1.00	2	<1	0.18	<0.2	0.23	0.9	11	<0.05
47394 (2347345)	1.10	0.67	0.05	7.00	7.47	1.00	2	<1	0.16	<0.2	0.44	1.8	11	<0.05
47395 C-DUP (2347346)	1.09	0.75	0.06	6.90	6.75	0.88	2	<1	0.16	<0.2	0.45	1.6	11	<0.05
47396 (2347347)	2.62	1.67	0.64	11.7	14.8	2.10	1	1	0.44	<0.2	2.26	2.8	129	0.21
47397 (2347348)	4.30	2.46	1.61	14.7	19.0	4.45	1	3	0.71	3.4	0.56	14.0	25	0.30
47398 (2347349)	3.59	1.79	1.53	6.07	21.9	4.95	3	4	0.55	0.6	0.27	27.0	41	0.20
47399 (2347350)	3.68	1.99	1.87	5.85	24.1	5.30	3	4	0.58	<0.2	0.71	37.0	42	0.22
47400 (2347351)	3.85	1.96	1.59	6.57	19.4	5.44	3	3	0.60	<0.2	1.32	24.2	63	0.23

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733664

PROJECT: 2021 Surimeau DDH Batch 38

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
47351 (2347302)	12.3	2340	<2	<1	5.1	1270	<0.01	10	1.09	7.4	0.75	<0.1	14	19.0
47352 (2347303)	4.48	830	<2	5	15.1	18	<0.01	<5	3.58	50.9	0.16	<0.1	<5	25.9
47353 (2347304)	13.1	1240	<2	1	2.3	1420	<0.01	<5	0.37	102	0.28	<0.1	7	26.0
47354 (2347305)	12.3	1410	<2	4	26.7	938	0.13	<5	6.31	100	0.34	<0.1	21	21.6
47355 (2347306)	12.2	1990	<2	<1	3.1	1950	<0.01	<5	0.65	11.5	0.53	<0.1	15	21.3
47356 (2347307)	14.0	1570	<2	<1	1.7	1330	<0.01	<5	0.21	0.9	0.50	<0.1	19	22.5
47357 (2347308)	16.8	1270	<2	<1	1.1	1510	<0.01	<5	0.18	0.3	0.11	<0.1	16	21.0
47358 (2347309)	16.1	1410	<2	<1	1.2	1380	<0.01	<5	0.16	0.8	0.08	<0.1	17	21.8
47359 (2347310)	15.9	1220	<2	<1	1.8	1300	0.01	<5	0.27	1.0	0.10	<0.1	18	22.2
47360 (2347311)	16.2	1260	<2	<1	1.0	1360	<0.01	<5	0.15	1.0	0.10	<0.1	17	22.4
47361 (2347312)	16.7	1180	<2	<1	1.0	1540	<0.01	<5	0.13	1.0	0.10	<0.1	17	21.4
47362 C-DUP (2347313)	17.4	1200	<2	<1	1.1	1570	<0.01	<5	0.13	1.0	0.08	<0.1	18	22.0
47363 (2347314)	17.0	1180	<2	<1	1.3	1540	0.01	<5	0.19	1.0	0.09	<0.1	16	21.7
47364 (2347315)	16.9	1180	<2	<1	1.8	1460	<0.01	<5	0.29	1.1	0.08	<0.1	17	22.2
47365 (2347316)	17.2	1180	<2	<1	1.2	1520	<0.01	<5	0.14	0.8	0.10	<0.1	16	22.3
47366 (2347317)	16.8	1240	<2	<1	1.3	1540	<0.01	<5	0.14	1.5	0.12	<0.1	17	21.7
47367 (2347318)	15.2	1530	<2	<1	2.4	869	0.02	<5	0.36	0.9	0.20	<0.1	12	19.6
47368 (2347319)	16.3	1140	<2	<1	1.3	1210	<0.01	<5	0.15	1.6	0.16	<0.1	21	22.3
47369 (2347320)	16.4	1100	<2	<1	1.7	1330	0.02	<5	0.21	0.9	0.18	<0.1	21	21.9
47370 (2347321)	16.5	1120	<2	<1	1.7	1420	<0.01	<5	0.29	1.6	0.14	<0.1	18	21.9
47371 (2347322)	16.3	1230	<2	<1	1.9	1320	<0.01	<5	0.34	2.8	0.15	<0.1	19	22.7
47372 (2347323)	5.34	684	<2	5	22.0	24	0.05	<5	5.19	41.3	0.25	<0.1	5	24.7
47373 (2347324)	16.2	1220	<2	<1	1.5	1380	<0.01	<5	0.22	2.0	0.23	<0.1	20	22.2
47374 (2347325)	16.4	1170	<2	<1	1.5	1380	<0.01	<5	0.20	1.8	0.20	<0.1	19	22.3
47375 (2347326)	16.7	1210	<2	<1	1.5	1350	<0.01	<5	0.17	2.3	0.18	<0.1	21	22.5
47376 (2347327)	16.4	1180	<2	<1	1.2	1380	<0.01	<5	0.16	3.3	0.14	<0.1	17	21.8
47377 (2347328)	15.8	1330	<2	<1	1.9	1070	0.02	<5	0.34	2.5	0.17	<0.1	14	23.2
47378 (2347329)	15.5	1060	<2	<1	1.4	1310	<0.01	<5	0.18	0.7	0.25	<0.1	23	21.8
47379 (2347330)	14.6	1230	<2	<1	1.4	1160	<0.01	<5	0.20	0.7	0.26	<0.1	21	21.7
47380 (2347331)	15.3	1160	<2	<1	1.3	1300	<0.01	<5	0.13	1.3	0.28	<0.1	18	23.7
47381 (2347332)	15.4	1170	<2	<1	2.4	1220	<0.01	<5	0.44	2.9	0.24	<0.1	19	24.5
47382 (2347333)	10.1	988	<2	5	32.6	422	0.16	16	7.43	160	0.06	<0.1	18	23.0

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733664

PROJECT: 2021 Surimeau DDH Batch 38

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
47383 (2347334)	14.3	1230	<2	<1	3.4	1390	<0.01	<5	0.69	2.5	0.51	<0.1	20	22.4
47384 (2347335)	12.7	1260	<2	2	13.1	981	0.06	<5	2.71	54.5	0.19	<0.1	22	24.3
47385 (2347336)	14.1	1390	<2	<1	2.2	1130	<0.01	<5	0.38	2.2	0.26	<0.1	21	20.9
47386 (2347337)	15.3	1300	<2	<1	1.6	1210	<0.01	<5	0.26	0.9	0.26	<0.1	19	22.3
47387 (2347338)	15.8	1400	<2	<1	2.1	1390	<0.01	<5	0.35	1.0	0.25	<0.1	17	23.3
47388 (2347339)	15.0	1240	<2	<1	1.8	1120	<0.01	<5	0.24	0.9	0.35	<0.1	22	22.5
47389 (2347340)	14.8	1150	<2	<1	1.4	1400	<0.01	<5	0.18	1.9	0.52	<0.1	18	23.9
47390 (2347341)	9.08	2450	<2	<1	3.1	1200	0.01	5	0.45	31.3	0.30	<0.1	30	22.2
47391 (2347342)	10.4	1720	<2	<1	2.0	1250	<0.01	<5	0.43	39.9	0.65	<0.1	13	20.1
47392 (2347343)	10.6	1570	<2	<1	2.6	1190	<0.01	<5	0.53	27.0	0.56	<0.1	12	21.4
47393 (2347344)	14.5	1330	<2	<1	2.2	1490	<0.01	<5	0.33	9.1	0.73	<0.1	17	25.0
47394 (2347345)	14.8	1400	<2	<1	2.2	1420	<0.01	<5	0.42	17.7	0.72	<0.1	18	25.0
47395 C-DUP (2347346)	14.3	1380	<2	<1	2.3	1400	<0.01	<5	0.43	16.8	0.70	<0.1	18	24.7
47396 (2347347)	7.16	3150	19	1	4.3	2220	0.02	18	0.82	106	1.21	<0.1	42	19.9
47397 (2347348)	1.64	779	77	4	18.5	1290	0.07	34	4.45	19.0	7.88	<0.1	15	23.1
47398 (2347349)	3.81	776	3	6	27.8	260	0.09	9	6.66	8.3	1.68	<0.1	14	29.6
47399 (2347350)	4.59	1050	<2	6	39.3	176	0.14	8	9.70	23.2	0.74	<0.1	19	27.8
47400 (2347351)	6.68	1320	6	7	31.7	261	0.17	8	7.20	46.3	0.74	<0.1	22	26.4

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733664

PROJECT: 2021 Surimeau DDH Batch 38

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
47351 (2347302)	1.2	<1	146	<0.5	0.12	0.2	0.11	<0.5	<0.05	<0.05	76	<1	7.3	0.7
47352 (2347303)	2.8	<1	149	<0.5	0.33	2.8	0.16	<0.5	0.15	0.79	24	<1	14.0	1.5
47353 (2347304)	0.7	<1	39.6	<0.5	<0.05	0.2	0.12	1.1	<0.05	<0.05	93	<1	4.4	0.5
47354 (2347305)	5.1	<1	112	<0.5	0.37	3.7	0.43	0.9	0.10	0.88	166	<1	14.0	1.2
47355 (2347306)	0.8	<1	227	<0.5	0.10	0.2	0.16	<0.5	<0.05	<0.05	102	<1	7.8	0.7
47356 (2347307)	0.6	<1	65.9	<0.5	0.07	<0.1	0.17	<0.5	<0.05	<0.05	125	<1	6.4	0.7
47357 (2347308)	0.4	<1	150	<0.5	0.05	<0.1	0.15	<0.5	<0.05	<0.05	108	<1	5.2	0.5
47358 (2347309)	0.4	<1	96.2	<0.5	<0.05	<0.1	0.16	<0.5	<0.05	<0.05	112	<1	5.0	0.6
47359 (2347310)	0.6	<1	70.5	<0.5	0.08	0.1	0.18	<0.5	<0.05	<0.05	120	<1	6.5	0.7
47360 (2347311)	0.4	<1	81.9	<0.5	0.06	<0.1	0.15	<0.5	<0.05	<0.05	106	<1	5.6	0.6
47361 (2347312)	0.4	4	108	<0.5	0.06	<0.1	0.17	<0.5	<0.05	<0.05	127	<1	5.2	0.6
47362 C-DUP (2347313)	0.5	<1	105	<0.5	0.06	<0.1	0.17	<0.5	<0.05	<0.05	130	<1	5.0	0.5
47363 (2347314)	0.5	<1	122	<0.5	0.08	<0.1	0.16	<0.5	<0.05	<0.05	115	<1	6.2	0.6
47364 (2347315)	1.1	<1	105	<0.5	0.13	<0.1	0.15	<0.5	0.06	<0.05	113	<1	5.5	0.7
47365 (2347316)	0.5	<1	124	<0.5	0.08	<0.1	0.15	<0.5	<0.05	<0.05	115	<1	5.3	0.5
47366 (2347317)	0.6	<1	121	<0.5	0.06	<0.1	0.16	<0.5	<0.05	<0.05	118	<1	5.7	0.6
47367 (2347318)	0.9	<1	246	<0.5	0.18	<0.1	0.10	<0.5	0.09	<0.05	94	<1	9.6	1.1
47368 (2347319)	0.6	<1	76.2	<0.5	0.12	<0.1	0.19	<0.5	0.05	<0.05	144	<1	6.9	0.7
47369 (2347320)	0.7	<1	90.6	<0.5	0.13	<0.1	0.20	<0.5	0.07	<0.05	134	<1	8.2	0.8
47370 (2347321)	0.4	<1	73.1	<0.5	0.08	<0.1	0.18	<0.5	<0.05	<0.05	112	<1	5.4	0.6
47371 (2347322)	0.6	<1	88.3	<0.5	0.09	<0.1	0.17	<0.5	<0.05	<0.05	113	<1	6.3	0.7
47372 (2347323)	4.6	<1	451	<0.5	0.52	2.3	0.29	<0.5	0.18	0.77	56	<1	18.0	1.6
47373 (2347324)	0.6	<1	101	<0.5	0.09	<0.1	0.20	<0.5	<0.05	<0.05	138	<1	6.5	0.7
47374 (2347325)	0.7	<1	92.5	<0.5	0.09	<0.1	0.19	<0.5	<0.05	<0.05	128	<1	7.0	0.8
47375 (2347326)	0.7	<1	101	<0.5	0.12	<0.1	0.19	<0.5	<0.05	<0.05	150	<1	7.1	0.7
47376 (2347327)	0.5	<1	134	<0.5	0.06	<0.1	0.15	<0.5	<0.05	<0.05	112	<1	5.7	0.6
47377 (2347328)	0.7	<1	165	<0.5	0.12	<0.1	0.11	<0.5	<0.05	<0.05	93	<1	8.3	0.7
47378 (2347329)	0.6	<1	53.1	<0.5	0.12	<0.1	0.21	<0.5	<0.05	<0.05	173	<1	7.3	0.8
47379 (2347330)	0.7	<1	73.2	<0.5	0.07	<0.1	0.19	<0.5	<0.05	<0.05	145	<1	6.8	0.7
47380 (2347331)	0.6	<1	34.5	<0.5	0.09	<0.1	0.17	<0.5	<0.05	<0.05	119	<1	6.8	0.7
47381 (2347332)	0.7	<1	69.8	<0.5	0.11	0.1	0.19	<0.5	<0.05	<0.05	126	<1	6.9	0.7
47382 (2347333)	6.4	<1	506	<0.5	0.54	5.6	0.46	1.4	0.13	1.49	178	<1	16.4	1.4

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733664

PROJECT: 2021 Surimeau DDH Batch 38

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
47383 (2347334)	1.1	<1	126	<0.5	0.09	0.2	0.19	<0.5	<0.05	<0.05	134	<1	6.8	0.8
47384 (2347335)	3.1	<1	223	<0.5	0.33	1.8	0.24	<0.5	0.10	0.54	141	<1	12.1	1.2
47385 (2347336)	0.7	<1	144	<0.5	0.08	<0.1	0.20	<0.5	<0.05	<0.05	143	<1	6.5	0.7
47386 (2347337)	0.5	<1	137	<0.5	0.10	<0.1	0.19	<0.5	<0.05	<0.05	131	<1	6.8	0.7
47387 (2347338)	0.6	<1	146	<0.5	0.07	<0.1	0.16	<0.5	<0.05	<0.05	110	<1	5.6	0.6
47388 (2347339)	0.7	<1	63.8	<0.5	0.11	<0.1	0.21	<0.5	0.05	<0.05	154	<1	7.2	0.8
47389 (2347340)	0.6	<1	34.8	<0.5	0.09	<0.1	0.16	<0.5	<0.05	<0.05	124	<1	5.7	0.7
47390 (2347341)	0.9	<1	169	<0.5	0.22	<0.1	0.27	<0.5	0.10	<0.05	202	<1	11.1	1.2
47391 (2347342)	0.5	<1	236	<0.5	<0.05	<0.1	0.12	<0.5	<0.05	<0.05	93	<1	4.8	0.4
47392 (2347343)	0.6	<1	242	<0.5	<0.05	<0.1	0.12	<0.5	<0.05	<0.05	88	<1	5.0	0.5
47393 (2347344)	0.8	<1	32.5	<0.5	0.09	<0.1	0.15	<0.5	<0.05	<0.05	113	<1	6.3	0.7
47394 (2347345)	0.6	<1	25.3	<0.5	0.10	<0.1	0.16	<0.5	<0.05	<0.05	117	<1	6.1	0.7
47395 C-DUP (2347346)	0.7	<1	25.0	<0.5	0.09	<0.1	0.16	<0.5	<0.05	<0.05	117	<1	6.0	0.7
47396 (2347347)	1.6	3	276	<0.5	0.27	0.2	0.40	1.8	0.15	0.12	272	<1	14.2	1.6
47397 (2347348)	4.5	7	403	<0.5	0.60	2.8	0.32	<0.5	0.27	0.88	96	<1	21.1	2.5
47398 (2347349)	5.2	3	273	<0.5	0.52	5.8	0.37	<0.5	0.18	1.66	131	<1	19.2	1.7
47399 (2347350)	7.2	2	312	<0.5	0.53	5.3	0.44	<0.5	0.18	1.53	163	<1	18.8	1.8
47400 (2347351)	6.2	5	348	<0.5	0.57	4.3	0.47	<0.5	0.19	1.30	184	<1	18.7	1.8

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733664

PROJECT: 2021 Surimeau DDH Batch 38

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
47351 (2347302)	64	15.8
47352 (2347303)	9	171
47353 (2347304)	107	9.4
47354 (2347305)	131	111
47355 (2347306)	55	19.6
47356 (2347307)	72	14.0
47357 (2347308)	47	10.5
47358 (2347309)	50	12.9
47359 (2347310)	49	17.4
47360 (2347311)	44	12.1
47361 (2347312)	47	13.4
47362 C-DUP (2347313)	49	16.2
47363 (2347314)	48	11.4
47364 (2347315)	47	11.0
47365 (2347316)	52	11.7
47366 (2347317)	51	14.0
47367 (2347318)	36	9.0
47368 (2347319)	46	16.0
47369 (2347320)	52	17.8
47370 (2347321)	56	14.7
47371 (2347322)	47	11.3
47372 (2347323)	19	109
47373 (2347324)	56	15.2
47374 (2347325)	54	14.6
47375 (2347326)	56	14.6
47376 (2347327)	45	11.9
47377 (2347328)	40	8.7
47378 (2347329)	63	17.5
47379 (2347330)	51	14.3
47380 (2347331)	47	13.8
47381 (2347332)	50	20.9
47382 (2347333)	85	132

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733664

PROJECT: 2021 Surimeau DDH Batch 38

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
47383 (2347334)	44	20.2
47384 (2347335)	66	59.7
47385 (2347336)	57	14.6
47386 (2347337)	47	15.8
47387 (2347338)	52	13.8
47388 (2347339)	53	18.8
47389 (2347340)	45	15.6
47390 (2347341)	80	21.7
47391 (2347342)	41	8.4
47392 (2347343)	42	9.6
47393 (2347344)	46	12.3
47394 (2347345)	51	14.7
47395 C-DUP (2347346)	45	12.9
47396 (2347347)	290	36.5
47397 (2347348)	11800	111
47398 (2347349)	1900	146
47399 (2347350)	93	137
47400 (2347351)	137	127

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733664

PROJECT: 2021 Surimeau DDH Batch 38

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
47351 (2347302)	99.36
47370 (2347321)	83.5
47390 (2347341)	75.03

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733664

PROJECT: 2021 Surimeau DDH Batch 38

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
47351 (2347302)		86.03
47369 (2347320)		85.19
47388 (2347339)		85.07

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2347302	< 1	< 1	0.0%	2347316	< 1	< 1	0.0%	2347327	< 1	< 1	0.0%	2347342	< 1	< 1	0.0%
Al	2347302	1.83	1.84	0.5%	2347316	2.82	2.80	0.7%	2347327	2.91	2.99	2.7%	2347342	2.32	2.31	0.4%
As	2347302	< 5	< 5	0.0%	2347316	< 5	< 5	0.0%	2347327	< 5	< 5	0.0%	2347342	< 5	< 5	0.0%
B	2347302	< 20	< 20	0.0%	2347316	< 20	< 20	0.0%	2347327	< 20	< 20	0.0%	2347342	< 20	< 20	0.0%
Ba	2347302	37.5	36.6	2.4%	2347316	< 0.5	< 0.5	0.0%	2347327	7.73	7.63	1.3%	2347342	178	177	0.6%
Be	2347302	< 5	< 5	0.0%	2347316	< 5	< 5	0.0%	2347327	< 5	< 5	0.0%	2347342	< 5	< 5	0.0%
Bi	2347302	0.5	0.5	0.0%	2347316	0.2	0.2	0.0%	2347327	0.13	0.15	14.3%	2347342	0.1	0.1	0.0%
Ca	2347302	12.0	12.1	0.8%	2347316	4.08	4.08	0.0%	2347327	4.71	4.51	4.3%	2347342	14.0	13.9	0.7%
Cd	2347302	< 0.2	< 0.2	0.0%	2347316	< 0.2	< 0.2	0.0%	2347327	< 0.2	< 0.2	0.0%	2347342	< 0.2	< 0.2	0.0%
Ce	2347302	9.2	8.9	3.3%	2347316	1.39	1.32	5.2%	2347327	1.5	1.5	0.0%	2347342	4.44	4.54	2.2%
Co	2347302	76.8	68.6	11.3%	2347316	85.7	83.4	2.7%	2347327	81.6	94.0	14.1%	2347342	71.0	74.4	4.7%
Cr	2347302	0.142	0.141	0.7%	2347316	0.215	0.214	0.5%	2347327	0.206	0.213	3.3%	2347342	0.177	0.174	1.7%
Cs	2347302	2.3	2.2	4.4%	2347316	0.56	0.44	24.0%	2347327	1.4	1.7	19.4%	2347342	8.09	8.76	8.0%
Cu	2347302	69	66	4.4%	2347316	< 5	< 5	0.0%	2347327	17	17	0.0%	2347342	31	27	13.8%
Dy	2347302	1.22	1.09	11.3%	2347316	1.00	0.90	10.5%	2347327	0.962	0.932	3.2%	2347342	0.897	0.843	6.2%
Er	2347302	0.73	0.69	5.6%	2347316	0.616	0.522	16.5%	2347327	0.595	0.628	5.4%	2347342	0.478	0.505	5.5%
Eu	2347302	0.41	0.36	13.0%	2347316	< 0.05	< 0.05	0.0%	2347327	0.05	0.08		2347342	0.12	0.17	
Fe	2347302	5.49	5.50	0.2%	2347316	7.19	7.19	0.0%	2347327	6.90	6.97	1.0%	2347342	5.79	5.78	0.2%
Ga	2347302	5.43	4.83	11.7%	2347316	5.67	5.47	3.6%	2347327	6.39	6.45	0.9%	2347342	5.74	5.76	0.3%
Gd	2347302	1.23	1.17	5.0%	2347316	0.70	0.66	5.9%	2347327	0.691	0.765	10.2%	2347342	0.665	0.706	6.0%
Ge	2347302	3	2		2347316	2	1		2347327	1	2		2347342	2	1	
Hf	2347302	< 1	< 1	0.0%	2347316	< 1	< 1	0.0%	2347327	< 1	< 1	0.0%	2347342	< 1	< 1	0.0%
Ho	2347302	0.19	0.19	0.0%	2347316	0.13	0.13	0.0%	2347327	0.13	0.14	7.4%	2347342	0.108	0.102	5.7%
In	2347302	< 0.2	< 0.2	0.0%	2347316	< 0.2	< 0.2	0.0%	2347327	< 0.2	< 0.2	0.0%	2347342	< 0.2	< 0.2	0.0%
K	2347302	0.209	0.203	2.9%	2347316	< 0.05	< 0.05	0.0%	2347327	0.08	0.08	0.0%	2347342	1.02	1.02	0.0%
La	2347302	4.86	4.68	3.8%	2347316	0.4	0.4	0.0%	2347327	0.5	0.5	0.0%	2347342	2.8	2.9	3.5%
Li	2347302	< 10	11		2347316	< 10	< 10	0.0%	2347327	< 10	< 10	0.0%	2347342	36	36	0.0%
Lu	2347302	< 0.05	< 0.05	0.0%	2347316	< 0.05	< 0.05	0.0%	2347327	< 0.05	< 0.05	0.0%	2347342	< 0.05	< 0.05	0.0%
Mg	2347302	12.3	12.4	0.8%	2347316	17.2	17.1	0.6%	2347327	16.4	16.5	0.6%	2347342	10.4	10.2	1.9%
Mn	2347302	2340	2360	0.9%	2347316	1180	1180	0.0%	2347327	1180	1150	2.6%	2347342	1720	1720	0.0%
Mo	2347302	< 2	< 2	0.0%	2347316	< 2	< 2	0.0%	2347327	< 2	< 2	0.0%	2347342	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2347302	< 1	< 1	0.0%	2347316	< 1	< 1	0.0%	2347327	< 1	< 1	0.0%	2347342	< 1	< 1	0.0%
Nd	2347302	5.1	4.8	6.1%	2347316	1.20	1.26	4.9%	2347327	1.23	1.26	2.4%	2347342	2.0	2.1	4.9%
Ni	2347302	1270	1240	2.4%	2347316	1520	1500	1.3%	2347327	1380	1390	0.7%	2347342	1250	1230	1.6%
P	2347302	< 0.01	< 0.01	0.0%	2347316	< 0.01	< 0.01	0.0%	2347327	< 0.01	< 0.01	0.0%	2347342	< 0.01	< 0.01	0.0%
Pb	2347302	10	8	22.2%	2347316	< 5	< 5	0.0%	2347327	< 5	< 5	0.0%	2347342	< 5	< 5	0.0%
Pr	2347302	1.09	1.04	4.7%	2347316	0.14	0.14	0.0%	2347327	0.162	0.179	10.0%	2347342	0.43	0.43	0.0%
Rb	2347302	7.41	7.03	5.3%	2347316	0.82	0.91	10.4%	2347327	3.3	3.6	8.7%	2347342	39.9	40.6	1.7%
S	2347302	0.746	0.739	0.9%	2347316	0.096	0.093	3.2%	2347327	0.14	0.14	0.0%	2347342	0.65	0.63	3.1%
Sb	2347302	< 0.1	< 0.1	0.0%	2347316	< 0.1	< 0.1	0.0%	2347327	< 0.1	< 0.1	0.0%	2347342	< 0.1	< 0.1	0.0%
Sc	2347302	14	14	0.0%	2347316	16	16	0.0%	2347327	17	17	0.0%	2347342	13	13	0.0%
Si	2347302	19.0	19.0	0.0%	2347316	22.3	22.3	0.0%	2347327	21.8	22.2	1.8%	2347342	20.1	20.1	0.0%
Sm	2347302	1.17	0.92	23.9%	2347316	0.47	0.43	8.9%	2347327	0.5	0.5	0.0%	2347342	0.5	0.5	0.0%
Sn	2347302	< 1	< 1	0.0%	2347316	< 1	< 1	0.0%	2347327	< 1	< 1	0.0%	2347342	< 1	< 1	0.0%
Sr	2347302	146	149	2.0%	2347316	124	124	0.0%	2347327	134	123	8.6%	2347342	236	236	0.0%
Ta	2347302	< 0.5	< 0.5	0.0%	2347316	< 0.5	< 0.5	0.0%	2347327	< 0.5	< 0.5	0.0%	2347342	< 0.5	< 0.5	0.0%
Tb	2347302	0.115	0.100	14.0%	2347316	0.08	0.07	13.3%	2347327	0.06	0.08	28.6%	2347342	0.05	0.06	18.2%
Th	2347302	0.2	0.1		2347316	< 0.1	< 0.1	0.0%	2347327	< 0.1	< 0.1	0.0%	2347342	< 0.1	< 0.1	0.0%
Ti	2347302	0.106	0.103	2.9%	2347316	0.15	0.15	0.0%	2347327	0.155	0.159	2.5%	2347342	0.12	0.12	0.0%
Tl	2347302	< 0.5	< 0.5	0.0%	2347316	< 0.5	< 0.5	0.0%	2347327	< 0.5	< 0.5	0.0%	2347342	< 0.5	< 0.5	0.0%
Tm	2347302	< 0.05	< 0.05	0.0%	2347316	< 0.05	< 0.05	0.0%	2347327	< 0.05	< 0.05	0.0%	2347342	< 0.05	< 0.05	0.0%
U	2347302	< 0.05	< 0.05	0.0%	2347316	< 0.05	< 0.05	0.0%	2347327	< 0.05	< 0.05	0.0%	2347342	< 0.05	< 0.05	0.0%
V	2347302	76	77	1.3%	2347316	115	113	1.8%	2347327	112	113	0.9%	2347342	93	90	3.3%
W	2347302	< 1	< 1	0.0%	2347316	< 1	< 1	0.0%	2347327	< 1	< 1	0.0%	2347342	< 1	< 1	0.0%
Y	2347302	7.3	6.8	7.1%	2347316	5.3	5.4	1.9%	2347327	5.74	6.00	4.4%	2347342	4.84	5.06	4.4%
Yb	2347302	0.7	0.7	0.0%	2347316	0.5	0.5	0.0%	2347327	0.6	0.6	0.0%	2347342	0.44	0.46	4.4%
Zn	2347302	64	72	11.8%	2347316	52	49	5.9%	2347327	45	44	2.2%	2347342	41	44	7.1%
Zr	2347302	15.8	12.9	20.2%	2347316	11.7	12.1	3.4%	2347327	11.9	13.4	11.9%	2347342	8.4	9.5	12.3%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O733664

PROJECT: 2021 Surimeau DDH Batch 38

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.39	99%	90% - 110%					6.94	7.22	104%	90% - 110%	13.0	13.6	105%	90% - 110%
As	26	26	98%	90% - 110%												
Ba	540	539	100%	90% - 110%									1310	1392	106%	90% - 110%
Be	4.0	4	100%	90% - 110%												
Ca	0.907	0.931	103%	90% - 110%					4.01	4.28	107%	90% - 110%	1.42	1.52	107%	90% - 110%
Ce	98	103	105%	90% - 110%	58.2	60.7	104%	90% - 110%								
Co	15	14	90%	90% - 110%												
Cu	150	146	97%	90% - 110%												
Er	3.7	3.9	105%	90% - 110%												
Fe	3.77	4	106%	90% - 110%					7.56	8.26	109%	90% - 110%	3.27	3.56	109%	90% - 110%
Ga					22.6	22.4	99%	90% - 110%								
Hf	11	10	90%	90% - 110%												
K	2.55	2.68	105%	90% - 110%					2.02	2.14	105%	90% - 110%	3.68	4.06	110%	90% - 110%
La	44	46	103%	90% - 110%	27.5	30	109%	90% - 110%								
Li	47	45	96%	90% - 110%									65.0	70.6	109%	90% - 110%
Lu	0.6	0.5	83%	90% - 110%												
Mg	1.1	1.1	99%	90% - 110%					2.41	2.55	106%	90% - 110%				
Mn	780	769	99%	90% - 110%												
Mo	14	14	102%	90% - 110%												
Nb	20	20	98%	90% - 110%	22.6	23.3	103%	90% - 110%								
Nd					27.3	29	106%	90% - 110%								
Ni	32	33	103%	90% - 110%												
P													0.061	0.061	100%	90% - 110%
Pb	31	31	99%	90% - 110%												
Rb	144	137	95%	90% - 110%	85.4	86.6	101%	90% - 110%								
Sb	0.8	0.8	101%	90% - 110%												
Sc	12	11	91%	90% - 110%												
Si	28.4	30.9	109%	90% - 110%					23.65	24.67	104%	90% - 110%	24.4	25.7	105%	90% - 110%
Sm	7.4	7.9	107%	90% - 110%												
Sr	144	151	105%	90% - 110%									310	336	108%	90% - 110%
Ta	1.9	2	104%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Tb	1.2	0.9	77%	90% - 110%												
Th	18.4	17.1	93%	90% - 110%												
Ti	0.527	0.524	99%	90% - 110%									0.222	0.226	102%	90% - 110%
U	5.7	4.7	82%	90% - 110%												
V	77	79	103%	90% - 110%												
W	5	5	104%	90% - 110%												
Y	40	39	97%	90% - 110%	25.3	25.4	100%	90% - 110%								
Yb					2.66	3.03	114%	90% - 110%								
Zn	130	126	96%	90% - 110%									75.4	75.8	100%	90% - 110%
Zr	390	366	94%	90% - 110%	157	152	97%	90% - 110%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O733664

PROJECT: 2021 Surimeau DDH Batch 38

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O733664

PROJECT: 2021 Surimeau DDH Batch 38

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O733664

PROJECT: 2021 Surimeau DDH Batch 38

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 36

AGAT WORK ORDER: 21O733667

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Sep 21, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733667

PROJECT: 2021 Surimeau DDH Batch 36

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
47251 (2347354)	3.20
47252 (2347355)	1.06
47253 (2347356)	2.61
47254 (2347357)	3.29
47255 (2347358)	2.81
47256 (2347359)	3.85
47257 (2347360)	3.92
47258 (2347361)	5.23
47259 (2347362)	5.65
47260 (2347363)	4.63
47261 (2347364)	4.17
47262 C-DUP (2347365)	-
47263 (2347366)	4.81
47264 (2347367)	2.60
47265 (2347368)	2.05
47266 (2347369)	4.51
47267 (2347370)	4.71
47268 (2347371)	4.62
47269 (2347372)	4.51
47270 (2347373)	4.42
47271 (2347374)	4.45
47272 (2347375)	1.01
47273 (2347376)	4.52
47274 (2347377)	4.78
47275 (2347378)	4.46
47276 (2347379)	4.55
47277 (2347380)	3.12
47278 (2347381)	2.43
47279 (2347382)	4.56
47280 (2347383)	4.53
47281 (2347384)	3.94

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733667

PROJECT: 2021 Surimeau DDH Batch 36

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
47282 (2347385)	2.35
47283 (2347386)	3.54
47284 (2347387)	4.21
47285 (2347388)	5.01
47286 (2347389)	4.93
47287 (2347390)	5.22
47288 (2347391)	5.16
47289 (2347392)	4.63
47290 (2347393)	5.47
47291 (2347394)	2.37
47292 (2347395)	2.54
47293 (2347396)	5.11
47294 (2347397)	5.20
47295 C-DUP (2347398)	-
47296 (2347399)	5.72
47297 (2347400)	5.26
47298 (2347401)	5.27
47299 (2347402)	4.76
47300 (2347403)	4.59

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733667

PROJECT: 2021 Surimeau DDH Batch 36

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
47251 (2347354)	<1	3.71	<5	<20	62.9	<5	0.3	5.76	<0.2	3.1	84.3	0.248	4.0	31
47252 (2347355)	<1	2.49	<5	<20	274	<5	<0.1	11.2	<0.2	23.1	6.8	0.017	0.4	7
47253 (2347356)	<1	3.49	<5	<20	14.4	<5	0.4	5.52	<0.2	2.7	93.4	0.240	1.3	86
47254 (2347357)	<1	3.46	<5	<20	518	<5	0.4	3.53	<0.2	3.9	75.6	0.160	43.1	28
47255 (2347358)	<1	3.13	<5	<20	267	<5	0.4	4.81	0.2	1.9	79.9	0.192	21.6	24
47256 (2347359)	<1	3.41	<5	<20	80.9	<5	0.6	5.10	<0.2	2.6	91.2	0.220	5.5	70
47257 (2347360)	<1	3.85	<5	<20	455	<5	0.5	5.31	<0.2	3.4	79.7	0.230	29.5	34
47258 (2347361)	1	3.98	<5	<20	333	<5	0.6	6.03	<0.2	11.0	81.4	0.182	20.8	60
47259 (2347362)	<1	4.55	<5	<20	564	<5	0.4	5.80	0.2	36.8	69.2	0.172	25.0	<5
47260 (2347363)	<1	6.81	<5	<20	725	<5	0.2	4.54	0.2	56.7	39.5	0.076	9.0	50
47261 (2347364)	<1	7.09	<5	<20	894	<5	0.2	5.40	0.3	56.3	49.6	0.095	12.4	23
47262 C-DUP (2347365)	<1	6.77	<5	<20	868	<5	0.2	5.19	0.2	54.5	49.4	0.093	13.0	26
47263 (2347366)	<1	8.87	<5	<20	742	<5	0.2	1.87	<0.2	62.8	21.6	0.031	9.4	67
47264 (2347367)	<1	8.79	<5	<20	764	<5	0.3	1.77	<0.2	68.2	22.0	0.029	7.2	58
47265 (2347368)	<1	8.73	<5	<20	830	<5	0.2	1.60	<0.2	60.0	21.0	0.035	7.7	46
47266 (2347369)	<1	7.98	<5	<20	676	<5	0.2	3.28	<0.2	64.1	33.3	0.059	4.6	58
47267 (2347370)	<1	8.50	<5	<20	771	<5	0.3	1.53	<0.2	63.8	22.8	0.032	3.9	56
47268 (2347371)	<1	8.41	<5	<20	765	<5	0.3	1.49	<0.2	60.1	22.1	0.029	3.5	51
47269 (2347372)	<1	8.64	<5	<20	820	<5	0.3	1.75	<0.2	67.1	21.7	0.033	4.1	53
47270 (2347373)	<1	8.43	<5	<20	778	<5	0.3	1.50	<0.2	89.8	16.1	0.027	4.4	37
47271 (2347374)	<1	9.28	<5	<20	807	<5	0.3	1.30	<0.2	61.0	22.7	0.033	4.6	54
47272 (2347375)	<1	4.59	<5	<20	623	<5	<0.1	4.59	<0.2	84.5	6.9	0.018	0.6	11
47273 (2347376)	<1	8.79	<5	<20	1040	<5	0.2	1.49	0.7	63.3	22.1	0.033	4.1	51
47274 (2347377)	<1	8.67	<5	<20	1590	<5	0.2	1.73	0.7	61.9	22.6	0.036	4.2	52
47275 (2347378)	<1	8.75	<5	<20	2390	<5	0.3	1.05	1.1	61.8	21.3	0.033	4.6	42
47276 (2347379)	<1	9.01	<5	<20	891	<5	0.3	1.46	1.1	62.3	24.1	0.031	5.2	46
47277 (2347380)	<1	9.39	<5	<20	724	<5	0.3	1.94	1.6	68.5	28.7	0.032	5.1	55
47278 (2347381)	<1	8.97	<5	<20	907	<5	0.2	1.40	0.9	62.6	21.6	0.033	3.8	50
47279 (2347382)	1	7.01	<5	<20	542	<5	0.5	6.78	1.6	166	48.1	0.050	1.7	203
47280 (2347383)	<1	8.84	<5	<20	2240	<5	0.2	4.38	0.3	134	23.3	0.020	1.6	123
47281 (2347384)	1	9.41	<5	<20	1130	<5	0.9	2.70	10.4	66.9	65.0	0.022	3.0	552
47282 (2347385)	1	11.2	<5	<20	852	<5	0.5	4.11	0.3	79.1	35.6	0.032	1.3	209

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733667

PROJECT: 2021 Surimeau DDH Batch 36

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
47283 (2347386)	1	9.56	<5	207	259	6	4.3	5.39	1.7	130	77.7	0.172	2.9	298
47284 (2347387)	2	6.82	<5	20	744	6	1.8	5.85	0.6	4.5	158	0.515	12.2	185
47285 (2347388)	1	6.12	<5	<20	386	<5	1.6	6.42	0.3	3.7	148	0.419	13.6	115
47286 (2347389)	<1	3.84	<5	<20	301	<5	0.8	5.47	0.2	4.3	81.4	0.218	34.3	57
47287 (2347390)	1	4.88	<5	<20	82.8	<5	0.9	5.04	<0.2	4.9	93.8	0.280	6.2	51
47288 (2347391)	2	3.39	<5	<20	2.5	<5	0.5	9.41	<0.2	3.2	73.3	0.215	0.3	15
47289 (2347392)	<1	3.40	<5	<20	0.8	<5	1.0	4.33	<0.2	1.6	93.4	0.238	0.3	20
47290 (2347393)	<1	3.10	<5	<20	2.2	<5	0.9	4.61	<0.2	1.6	83.1	0.215	0.3	12
47291 (2347394)	<1	3.55	<5	<20	0.9	<5	0.7	3.78	<0.2	1.3	87.8	0.247	0.2	19
47292 (2347395)	3	3.34	<5	<20	<0.5	<5	0.9	4.19	<0.2	1.4	85.9	0.235	0.3	14
47293 (2347396)	2	2.88	<5	<20	0.6	<5	1.1	4.89	<0.2	1.7	82.7	0.210	0.3	6
47294 (2347397)	1	3.44	<5	<20	1.0	<5	0.5	4.36	<0.2	1.5	86.3	0.236	0.4	13
47295 C-DUP (2347398)	<1	3.21	<5	<20	1.3	<5	0.7	4.64	<0.2	1.4	84.6	0.225	0.3	16
47296 (2347399)	1	3.20	<5	<20	0.6	<5	0.6	4.16	<0.2	1.4	85.7	0.221	0.3	<5
47297 (2347400)	<1	3.17	<5	<20	1.5	<5	1.2	4.84	<0.2	1.5	90.8	0.224	0.3	15
47298 (2347401)	1	3.33	<5	<20	0.8	<5	0.7	5.30	<0.2	1.8	86.1	0.221	0.4	39
47299 (2347402)	<1	2.99	<5	<20	1.4	<5	0.7	5.94	<0.2	2.0	81.3	0.205	0.4	29
47300 (2347403)	<1	3.11	<5	<20	1.3	<5	0.6	5.66	<0.2	1.8	80.8	0.217	0.5	27

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733667

PROJECT: 2021 Surimeau DDH Batch 36

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
47251 (2347354)	1.52	1.05	0.26	7.60	9.52	1.18	2	<1	0.32	<0.2	0.38	1.5	18	0.14
47252 (2347355)	1.56	0.76	0.42	1.51	6.45	1.98	<1	2	0.31	<0.2	1.28	10.5	19	0.11
47253 (2347356)	1.71	0.98	0.18	7.63	9.38	1.31	2	<1	0.37	<0.2	0.11	1.2	<10	0.15
47254 (2347357)	1.24	0.78	0.30	5.94	14.6	1.13	3	<1	0.26	<0.2	3.21	1.4	131	0.10
47255 (2347358)	1.12	0.69	0.25	6.56	11.0	0.99	3	<1	0.24	<0.2	2.01	0.5	73	0.09
47256 (2347359)	1.31	0.80	0.32	7.05	11.2	1.13	3	<1	0.31	<0.2	0.53	1.0	24	0.13
47257 (2347360)	1.46	0.94	0.36	7.34	13.1	1.35	3	<1	0.32	<0.2	2.70	1.1	103	0.13
47258 (2347361)	2.10	1.33	0.60	7.50	13.2	2.16	3	1	0.43	<0.2	2.11	4.2	85	0.21
47259 (2347362)	2.21	1.20	1.03	7.16	15.9	3.04	3	2	0.43	<0.2	2.59	16.6	116	0.16
47260 (2347363)	2.98	1.59	1.26	5.93	18.0	4.13	2	3	0.58	<0.2	1.63	25.6	29	0.22
47261 (2347364)	3.66	1.74	1.38	7.23	18.9	4.99	2	3	0.62	<0.2	2.30	25.5	40	0.22
47262 C-DUP (2347365)	3.37	1.82	1.26	6.93	19.1	4.72	3	3	0.64	<0.2	2.17	24.1	38	0.18
47263 (2347366)	2.29	1.16	1.06	4.19	19.3	3.19	1	4	0.47	<0.2	2.04	30.9	32	0.16
47264 (2347367)	2.94	1.40	1.21	4.30	19.8	3.72	2	4	0.52	<0.2	2.30	33.7	38	0.18
47265 (2347368)	2.56	1.32	1.09	4.22	18.7	3.47	2	4	0.49	<0.2	2.43	29.8	39	0.19
47266 (2347369)	2.99	1.51	1.35	5.38	20.7	4.21	3	3	0.55	<0.2	2.23	30.0	37	0.22
47267 (2347370)	2.79	1.47	1.08	4.01	18.9	3.66	2	4	0.54	<0.2	2.34	31.3	39	0.24
47268 (2347371)	2.69	1.60	1.12	3.86	21.6	3.70	1	4	0.55	<0.2	2.28	29.0	42	0.20
47269 (2347372)	3.50	2.06	1.04	4.03	21.4	4.26	1	4	0.68	<0.2	2.51	32.7	42	0.23
47270 (2347373)	4.85	2.95	1.07	3.35	21.3	5.53	2	4	1.00	<0.2	2.75	42.6	39	0.42
47271 (2347374)	2.58	1.46	1.14	4.32	21.0	3.36	1	4	0.53	<0.2	2.62	29.6	44	0.22
47272 (2347375)	4.81	2.65	1.33	2.64	11.9	6.10	2	7	0.98	<0.2	2.72	37.1	30	0.36
47273 (2347376)	2.64	1.44	1.18	4.40	20.1	3.42	2	4	0.48	<0.2	2.14	31.3	49	0.20
47274 (2347377)	2.52	1.39	1.21	4.37	19.4	3.34	2	4	0.48	<0.2	2.00	30.8	48	0.20
47275 (2347378)	2.41	1.34	1.13	4.16	19.6	3.49	2	4	0.48	<0.2	2.41	30.1	52	0.20
47276 (2347379)	3.04	1.65	1.26	4.96	20.6	3.95	1	4	0.59	<0.2	2.53	30.2	65	0.23
47277 (2347380)	3.22	1.62	1.45	5.34	23.4	4.31	2	4	0.60	<0.2	2.36	32.8	65	0.27
47278 (2347381)	2.80	1.33	1.14	4.22	22.8	3.55	1	4	0.51	<0.2	1.88	30.5	57	0.23
47279 (2347382)	6.05	2.54	3.88	6.45	21.1	11.8	3	5	0.98	<0.2	0.97	72.2	38	0.28
47280 (2347383)	4.24	1.57	2.84	5.05	22.7	8.08	2	5	0.68	<0.2	0.83	62.5	37	0.21
47281 (2347384)	3.99	2.23	1.80	6.84	23.1	5.55	2	5	0.75	0.8	0.55	29.9	41	0.30
47282 (2347385)	3.38	1.92	1.82	4.07	23.0	4.62	2	5	0.67	<0.2	0.24	38.5	24	0.28

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733667

PROJECT: 2021 Surimeau DDH Batch 36

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
47283 (2347386)	5.80	3.49	1.95	5.84	16.8	7.65	2	7	1.28	0.6	0.24	65.5	32	0.52
47284 (2347387)	2.61	1.85	0.57	10.6	19.3	2.00	3	1	0.63	0.5	1.29	1.7	85	0.28
47285 (2347388)	2.17	1.47	0.46	7.84	14.6	1.82	3	<1	0.47	<0.2	1.31	1.6	87	0.24
47286 (2347389)	1.38	1.00	0.19	7.15	13.5	1.12	3	<1	0.26	<0.2	2.92	1.6	191	0.11
47287 (2347390)	1.44	1.00	0.19	8.39	11.4	1.10	3	<1	0.27	<0.2	0.54	2.1	37	0.11
47288 (2347391)	1.53	0.95	0.43	7.23	6.94	1.24	3	<1	0.39	<0.2	<0.05	1.6	<10	0.12
47289 (2347392)	1.18	0.68	0.21	7.28	8.11	0.88	2	<1	0.25	<0.2	<0.05	0.6	<10	0.11
47290 (2347393)	1.00	0.57	0.09	7.08	6.86	0.79	2	<1	0.21	<0.2	<0.05	0.6	<10	0.09
47291 (2347394)	1.25	0.91	0.09	7.75	8.39	0.89	2	<1	0.26	<0.2	<0.05	0.4	<10	0.10
47292 (2347395)	1.25	0.86	0.19	7.57	6.99	0.86	2	<1	0.25	<0.2	<0.05	0.5	<10	0.12
47293 (2347396)	1.19	0.80	0.14	6.82	6.28	1.13	2	<1	0.26	<0.2	<0.05	0.6	<10	0.10
47294 (2347397)	1.28	0.83	0.17	7.55	7.80	1.07	2	<1	0.27	<0.2	<0.05	0.5	<10	0.10
47295 C-DUP (2347398)	1.28	0.81	0.16	7.21	7.33	1.01	2	<1	0.27	<0.2	<0.05	0.5	<10	0.11
47296 (2347399)	1.22	0.86	0.14	7.25	7.14	0.91	2	<1	0.26	<0.2	<0.05	0.5	<10	0.11
47297 (2347400)	0.99	0.59	0.10	7.00	7.44	0.78	2	<1	0.21	<0.2	<0.05	0.6	<10	0.08
47298 (2347401)	1.08	0.63	0.20	7.00	7.49	1.05	2	<1	0.26	<0.2	<0.05	0.6	<10	0.12
47299 (2347402)	1.28	0.77	0.19	6.84	6.81	0.98	2	<1	0.24	<0.2	<0.05	0.8	<10	0.11
47300 (2347403)	1.11	0.75	0.22	7.03	6.72	0.87	2	<1	0.28	<0.2	<0.05	0.6	<10	0.11

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733667

PROJECT: 2021 Surimeau DDH Batch 36

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
47251 (2347354)	14.0	1420	<2	<1	2.6	957	<0.01	<5	0.42	17.7	0.38	<0.1	27	22.1
47252 (2347355)	4.44	708	9	3	9.9	39	0.04	<5	2.78	31.2	0.24	0.2	<5	25.2
47253 (2347356)	13.8	1400	<2	<1	2.3	1120	<0.01	<5	0.44	4.6	0.73	<0.1	25	22.3
47254 (2347357)	10.4	901	<2	1	2.8	814	0.02	<5	0.60	185	0.24	0.1	19	19.7
47255 (2347358)	13.9	1170	<2	<1	2.0	1170	<0.01	<5	0.34	91.8	0.30	<0.1	19	25.4
47256 (2347359)	14.0	1240	<2	<1	2.4	1250	<0.01	<5	0.40	23.8	0.57	0.2	22	24.0
47257 (2347360)	11.9	1300	<2	1	2.9	918	0.01	<5	0.53	128	0.37	<0.1	25	24.1
47258 (2347361)	11.4	1330	<2	2	7.0	940	0.07	5	1.52	98.2	0.41	<0.1	24	24.0
47259 (2347362)	11.1	1300	<2	3	19.7	744	0.07	<5	4.74	120	0.11	0.1	27	23.5
47260 (2347363)	5.11	1110	32	4	28.1	186	0.15	12	7.01	63.8	0.31	<0.1	24	28.7
47261 (2347364)	7.19	1260	3	4	31.6	296	0.15	9	7.27	92.4	0.22	<0.1	32	26.8
47262 C-DUP (2347365)	6.98	1210	3	4	29.5	286	0.17	8	6.86	93.7	0.20	<0.1	31	25.7
47263 (2347366)	1.83	569	10	6	25.7	90	0.07	17	7.04	73.1	0.44	<0.1	15	34.4
47264 (2347367)	1.77	574	8	6	29.3	83	0.07	18	7.75	81.5	0.34	<0.1	15	32.9
47265 (2347368)	1.78	573	16	6	25.4	92	0.06	17	6.88	83.9	0.29	<0.1	15	33.7
47266 (2347369)	3.84	821	7	6	30.9	160	0.12	15	7.55	82.8	0.53	<0.1	20	30.2
47267 (2347370)	1.69	504	10	6	28.2	82	0.08	16	7.59	82.5	0.34	<0.1	15	32.4
47268 (2347371)	1.63	515	9	6	26.9	88	0.06	16	7.27	89.9	0.25	<0.1	15	31.5
47269 (2347372)	1.85	543	11	8	30.0	86	0.07	19	8.06	92.0	0.25	<0.1	15	33.0
47270 (2347373)	1.62	459	11	11	38.0	70	0.05	20	10.2	95.3	0.19	<0.1	12	35.8
47271 (2347374)	1.85	517	11	6	26.6	95	0.08	18	6.75	93.6	0.40	<0.1	16	33.3
47272 (2347375)	2.12	414	11	9	39.7	23	0.08	8	10.2	69.2	0.17	<0.1	8	34.7
47273 (2347376)	1.80	654	10	6	28.8	88	0.07	11	7.27	79.2	0.40	<0.1	16	33.2
47274 (2347377)	2.12	626	8	6	27.1	92	0.08	11	7.10	72.4	0.55	<0.1	16	33.4
47275 (2347378)	1.82	573	12	6	27.5	90	0.07	9	7.20	84.8	0.35	<0.1	16	32.6
47276 (2347379)	2.23	688	9	6	28.5	88	0.08	11	7.67	89.8	0.50	0.2	19	31.6
47277 (2347380)	2.34	752	9	6	30.8	98	0.09	16	8.20	87.7	0.68	<0.1	21	31.0
47278 (2347381)	2.03	478	10	6	27.3	104	0.08	19	7.40	71.7	0.75	<0.1	18	31.3
47279 (2347382)	5.22	1190	25	7	89.4	269	0.28	18	20.9	36.9	1.77	<0.1	24	26.1
47280 (2347383)	2.62	865	6	8	64.7	52	0.21	30	16.4	24.7	0.92	<0.1	15	28.3
47281 (2347384)	1.92	611	957	8	36.4	208	0.08	41	8.49	19.7	2.86	<0.1	18	28.5
47282 (2347385)	1.22	667	8	7	35.8	148	0.14	46	9.21	6.7	0.90	<0.1	19	29.1

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733667

PROJECT: 2021 Surimeau DDH Batch 36

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
47283 (2347386)	2.60	1160	82	4	50.9	795	0.33	45	13.7	7.4	1.08	<0.1	44	25.7
47284 (2347387)	7.03	3480	5	3	3.8	2120	0.02	15	0.70	50.2	0.95	0.1	52	23.2
47285 (2347388)	7.71	2490	51	1	3.1	1990	<0.01	14	0.57	50.9	0.80	<0.1	41	25.2
47286 (2347389)	12.7	1390	7	1	2.9	1110	0.02	<5	0.62	123	0.36	<0.1	24	25.9
47287 (2347390)	14.6	1270	<2	<1	4.1	1260	0.02	<5	0.77	18.4	1.02	<0.1	28	22.8
47288 (2347391)	13.1	1750	<2	<1	2.6	864	<0.01	<5	0.46	0.7	0.58	<0.1	24	19.6
47289 (2347392)	15.6	1110	<2	<1	1.4	1360	<0.01	<5	0.23	0.4	0.35	<0.1	23	22.2
47290 (2347393)	15.2	1210	<2	<1	1.5	1340	0.02	<5	0.26	0.4	0.27	<0.1	21	21.2
47291 (2347394)	15.2	1190	<2	<1	1.4	1120	0.01	<5	0.19	0.2	0.26	0.1	25	21.4
47292 (2347395)	15.7	1250	<2	<1	1.5	1260	<0.01	<5	0.22	0.3	0.25	<0.1	25	21.8
47293 (2347396)	15.0	1270	<2	<1	1.4	1300	<0.01	<5	0.23	0.2	0.20	0.2	20	21.8
47294 (2347397)	15.1	1240	<2	<1	1.7	1110	0.01	<5	0.26	0.6	0.23	0.1	25	22.0
47295 C-DUP (2347398)	14.7	1240	<2	<1	1.4	1150	0.01	<5	0.27	0.5	0.24	<0.1	24	21.8
47296 (2347399)	15.4	1230	<2	<1	1.4	1120	0.01	<5	0.22	0.5	0.17	0.1	23	21.4
47297 (2347400)	15.6	1250	<2	<1	1.4	1430	<0.01	<5	0.25	0.6	0.24	<0.1	21	21.7
47298 (2347401)	14.5	1210	<2	<1	1.7	1140	<0.01	<5	0.32	0.6	0.34	0.2	22	21.9
47299 (2347402)	14.4	1280	<2	<1	1.7	1120	<0.01	<5	0.34	0.4	0.34	<0.1	21	22.4
47300 (2347403)	14.8	1310	<2	<1	1.4	1160	<0.01	<5	0.31	0.5	0.32	<0.1	22	22.9

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733667

PROJECT: 2021 Surimeau DDH Batch 36

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
47251 (2347354)	0.8	<1	96.9	<0.5	0.25	<0.1	0.21	<0.5	0.14	0.07	152	<1	8.4	1.0
47252 (2347355)	2.2	<1	229	<0.5	0.26	2.7	0.15	<0.5	0.11	0.71	32	<1	8.5	0.8
47253 (2347356)	1.0	<1	70.5	<0.5	0.25	<0.1	0.20	<0.5	0.15	0.09	144	<1	9.1	1.1
47254 (2347357)	0.8	<1	41.8	<0.5	0.19	0.4	0.18	1.6	0.12	0.30	128	<1	6.7	0.8
47255 (2347358)	0.7	<1	50.0	<0.5	0.18	<0.1	0.17	0.7	0.11	0.07	114	<1	6.5	0.8
47256 (2347359)	0.8	<1	47.2	<0.5	0.20	0.1	0.19	<0.5	0.12	0.60	128	<1	7.9	0.8
47257 (2347360)	1.0	1	59.8	<0.5	0.25	0.2	0.23	1.0	0.14	0.18	174	<1	8.1	0.9
47258 (2347361)	2.3	2	82.6	<0.5	0.31	1.1	0.29	0.8	0.19	1.12	174	<1	10.8	1.4
47259 (2347362)	4.0	2	81.3	<0.5	0.42	2.1	0.35	1.0	0.19	0.82	177	<1	12.1	1.2
47260 (2347363)	5.0	1	505	<0.5	0.58	5.1	0.40	<0.5	0.22	1.81	152	<1	14.8	1.5
47261 (2347364)	6.0	1	575	<0.5	0.68	3.9	0.48	0.5	0.21	1.41	189	<1	16.5	1.5
47262 C-DUP (2347365)	5.3	1	554	<0.5	0.62	3.6	0.46	0.5	0.19	1.27	187	<1	16.6	1.5
47263 (2347366)	4.8	<1	532	0.7	0.46	7.9	0.36	<0.5	0.17	2.67	108	<1	11.8	1.3
47264 (2347367)	4.6	<1	383	0.7	0.54	8.3	0.38	<0.5	0.19	2.74	110	<1	14.0	1.5
47265 (2347368)	3.9	1	335	0.8	0.45	8.0	0.37	<0.5	0.19	2.42	109	<1	13.3	1.3
47266 (2347369)	5.4	2	462	0.5	0.57	6.5	0.44	<0.5	0.23	1.99	146	<1	14.4	1.6
47267 (2347370)	4.4	1	301	0.7	0.53	8.2	0.35	<0.5	0.22	2.60	104	<1	13.9	1.5
47268 (2347371)	4.3	<1	305	0.7	0.51	7.9	0.34	0.5	0.23	2.57	104	1	14.7	1.5
47269 (2347372)	5.5	1	300	0.9	0.59	9.3	0.35	0.6	0.30	2.73	105	<1	19.3	2.0
47270 (2347373)	6.4	2	246	1.3	0.86	13.3	0.28	0.6	0.40	3.64	82	1	25.8	2.9
47271 (2347374)	4.4	1	311	0.7	0.44	8.1	0.37	0.7	0.20	2.41	114	<1	13.3	1.5
47272 (2347375)	6.9	1	212	0.7	0.91	7.6	0.37	<0.5	0.42	1.32	49	<1	26.3	2.7
47273 (2347376)	4.6	<1	412	0.7	0.46	7.8	0.37	<0.5	0.20	2.41	114	<1	13.2	1.5
47274 (2347377)	4.5	<1	410	0.6	0.49	7.5	0.37	<0.5	0.20	2.41	112	<1	13.4	1.4
47275 (2347378)	4.5	2	257	0.6	0.46	7.8	0.36	0.7	0.16	2.36	110	<1	11.9	1.2
47276 (2347379)	5.1	1	249	0.6	0.55	6.7	0.42	0.8	0.24	2.18	132	<1	15.5	1.6
47277 (2347380)	5.6	1	297	0.7	0.60	7.9	0.46	1.0	0.26	2.40	153	<1	16.2	1.6
47278 (2347381)	4.9	<1	350	0.7	0.47	7.9	0.37	1.2	0.22	2.26	124	<1	13.9	1.6
47279 (2347382)	15.8	4	697	0.6	1.37	10.6	0.51	<0.5	0.29	2.76	172	<1	27.0	2.0
47280 (2347383)	11.3	3	1540	0.6	0.89	9.6	0.48	<0.5	0.20	2.53	129	<1	17.7	1.5
47281 (2347384)	7.1	3	880	0.7	0.70	9.6	0.38	<0.5	0.33	7.78	84	2	19.4	2.3
47282 (2347385)	6.1	3	1060	0.8	0.61	10.1	0.44	<0.5	0.27	2.89	110	2	17.6	1.9

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733667

PROJECT: 2021 Surimeau DDH Batch 36

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
47283 (2347386)	8.8	4	2210	0.5	1.06	15.0	0.40	<0.5	0.53	10.2	166	<1	32.2	3.4
47284 (2347387)	1.3	9	534	<0.5	0.37	0.2	0.40	<0.5	0.27	0.31	302	<1	16.3	1.9
47285 (2347388)	1.0	4	358	<0.5	0.31	0.1	0.33	<0.5	0.22	0.12	231	<1	12.9	1.4
47286 (2347389)	0.9	2	60.3	<0.5	0.23	0.4	0.23	1.6	0.11	0.17	130	<1	8.1	0.8
47287 (2347390)	0.9	<1	54.2	<0.5	0.22	0.6	0.28	<0.5	0.12	0.10	171	<1	7.1	0.9
47288 (2347391)	0.8	<1	276	<0.5	0.22	<0.1	0.18	<0.5	0.16	<0.05	139	<1	8.6	1.0
47289 (2347392)	0.5	<1	104	<0.5	0.18	<0.1	0.19	<0.5	0.11	<0.05	131	<1	6.6	0.8
47290 (2347393)	0.4	22	158	<0.5	0.18	<0.1	0.16	<0.5	0.09	<0.05	119	<1	5.7	0.6
47291 (2347394)	0.5	2	102	<0.5	0.18	<0.1	0.20	<0.5	0.10	<0.05	141	<1	7.7	0.8
47292 (2347395)	0.6	<1	140	<0.5	0.16	<0.1	0.19	<0.5	0.13	<0.05	135	2	6.6	0.7
47293 (2347396)	0.7	<1	165	<0.5	0.18	<0.1	0.16	<0.5	0.11	<0.05	111	<1	7.0	0.8
47294 (2347397)	0.7	<1	105	<0.5	0.18	<0.1	0.20	<0.5	0.12	<0.05	135	<1	7.3	0.9
47295 C-DUP (2347398)	0.6	<1	115	<0.5	0.20	<0.1	0.18	<0.5	0.10	<0.05	127	<1	7.0	0.8
47296 (2347399)	0.6	<1	128	<0.5	0.20	<0.1	0.18	<0.5	0.13	<0.05	127	<1	6.9	0.8
47297 (2347400)	0.6	<1	161	<0.5	0.16	<0.1	0.17	<0.5	0.09	<0.05	121	<1	5.5	0.7
47298 (2347401)	0.6	<1	105	<0.5	0.16	<0.1	0.19	<0.5	0.11	<0.05	124	<1	6.9	0.7
47299 (2347402)	0.6	<1	124	<0.5	0.18	<0.1	0.17	<0.5	0.10	0.05	114	<1	6.8	0.7
47300 (2347403)	0.7	<1	108	<0.5	0.14	<0.1	0.19	<0.5	0.10	0.05	121	<1	6.7	0.8

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733667

PROJECT: 2021 Surimeau DDH Batch 36

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
47251 (2347354)	71	18.9
47252 (2347355)	20	82.9
47253 (2347356)	68	17.2
47254 (2347357)	87	23.5
47255 (2347358)	82	13.7
47256 (2347359)	91	16.4
47257 (2347360)	151	19.5
47258 (2347361)	124	42.3
47259 (2347362)	126	63.7
47260 (2347363)	114	114
47261 (2347364)	125	106
47262 C-DUP (2347365)	122	97.5
47263 (2347366)	97	158
47264 (2347367)	97	155
47265 (2347368)	96	150
47266 (2347369)	137	130
47267 (2347370)	92	157
47268 (2347371)	97	141
47269 (2347372)	97	145
47270 (2347373)	85	151
47271 (2347374)	99	133
47272 (2347375)	51	262
47273 (2347376)	259	151
47274 (2347377)	266	154
47275 (2347378)	414	142
47276 (2347379)	288	142
47277 (2347380)	361	153
47278 (2347381)	253	135
47279 (2347382)	734	194
47280 (2347383)	373	196
47281 (2347384)	3290	166
47282 (2347385)	293	193

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733667

PROJECT: 2021 Surimeau DDH Batch 36

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
47283 (2347386)	1210	253
47284 (2347387)	867	34.8
47285 (2347388)	365	26.9
47286 (2347389)	258	23.1
47287 (2347390)	173	28.0
47288 (2347391)	57	14.6
47289 (2347392)	71	15.7
47290 (2347393)	63	11.1
47291 (2347394)	62	22.5
47292 (2347395)	70	15.0
47293 (2347396)	67	12.6
47294 (2347397)	65	16.0
47295 C-DUP (2347398)	62	13.6
47296 (2347399)	57	15.9
47297 (2347400)	68	11.7
47298 (2347401)	64	17.3
47299 (2347402)	59	14.6
47300 (2347403)	66	14.2

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733667

PROJECT: 2021 Surimeau DDH Batch 36

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
47251 (2347354)	75.30
47270 (2347373)	84.40
47290 (2347393)	78.05

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O733667

PROJECT: 2021 Surimeau DDH Batch 36

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 13, 2021 | DATE RECEIVED: Apr 14, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

	Analyte:	Pass %
	Unit:	%
Sample ID (AGAT ID)	RDL:	0.01
47288 (2347391)		85.56

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O733667

PROJECT: 2021 Surimeau DDH Batch 36

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2347354	< 1	< 1	0.0%	2347368	< 1	< 1	0.0%	2347379	< 1	< 1	0.0%	2347394	< 1	< 1	0.0%
Al	2347354	3.71	3.68	0.8%	2347368	8.73	8.66	0.8%	2347379	9.01	8.98	0.3%	2347394	3.55	3.56	0.3%
As	2347354	< 5	< 5	0.0%	2347368	< 5	< 5	0.0%	2347379	< 5	< 5	0.0%	2347394	< 5	< 5	0.0%
B	2347354	< 20	< 20	0.0%	2347368	< 20	< 20	0.0%	2347379	< 20	< 20	0.0%	2347394	< 20	< 20	0.0%
Ba	2347354	62.9	56.6	10.5%	2347368	830	798	3.9%	2347379	891	922	3.4%	2347394	0.9	0.9	0.0%
Be	2347354	< 5	< 5	0.0%	2347368	< 5	< 5	0.0%	2347379	< 5	< 5	0.0%	2347394	< 5	< 5	0.0%
Bi	2347354	0.3	0.3	0.0%	2347368	0.2	0.2	0.0%	2347379	0.3	0.3	0.0%	2347394	0.72	0.77	6.7%
Ca	2347354	5.76	5.65	1.9%	2347368	1.60	1.59	0.6%	2347379	1.46	1.46	0.0%	2347394	3.78	3.72	1.6%
Cd	2347354	< 0.2	< 0.2	0.0%	2347368	< 0.2	< 0.2	0.0%	2347379	1.1	0.9	20.0%	2347394	< 0.2	< 0.2	0.0%
Ce	2347354	3.1	3.1	0.0%	2347368	60.0	63.4	5.5%	2347379	62.3	65.4	4.9%	2347394	1.30	1.24	4.7%
Co	2347354	84.3	83.4	1.1%	2347368	21.0	22.2	5.6%	2347379	24.1	26.1	8.0%	2347394	87.8	89.5	1.9%
Cr	2347354	0.248	0.247	0.4%	2347368	0.035	0.034	2.9%	2347379	0.031	0.031	0.0%	2347394	0.247	0.245	0.8%
Cs	2347354	4.0	3.6	10.5%	2347368	7.71	7.91	2.6%	2347379	5.2	5.6	7.4%	2347394	0.22	0.28	24.0%
Cu	2347354	31	28	10.2%	2347368	46	46	0.0%	2347379	46	46	0.0%	2347394	19	17	11.1%
Dy	2347354	1.52	1.50	1.3%	2347368	2.56	2.49	2.8%	2347379	3.04	2.99	1.7%	2347394	1.25	1.15	8.3%
Er	2347354	1.05	0.97	7.9%	2347368	1.32	1.28	3.1%	2347379	1.65	1.71	3.6%	2347394	0.905	0.798	12.6%
Eu	2347354	0.255	0.233	9.0%	2347368	1.09	1.06	2.8%	2347379	1.26	1.36	7.6%	2347394	0.09	0.17	
Fe	2347354	7.60	7.54	0.8%	2347368	4.22	4.15	1.7%	2347379	4.96	4.97	0.2%	2347394	7.75	7.66	1.2%
Ga	2347354	9.52	9.32	2.1%	2347368	18.7	19.9	6.2%	2347379	20.6	21.6	4.7%	2347394	8.39	7.67	9.0%
Gd	2347354	1.18	1.07	9.8%	2347368	3.47	3.45	0.6%	2347379	3.95	4.38	10.3%	2347394	0.891	1.01	12.5%
Ge	2347354	2	2	0.0%	2347368	2	2	0.0%	2347379	1	2		2347394	2	1	
Hf	2347354	< 1	< 1	0.0%	2347368	4	4	0.0%	2347379	4	4	0.0%	2347394	< 1	< 1	0.0%
Ho	2347354	0.32	0.34	6.1%	2347368	0.49	0.44	10.8%	2347379	0.59	0.59	0.0%	2347394	0.26	0.24	8.0%
In	2347354	< 0.2	< 0.2	0.0%	2347368	< 0.2	< 0.2	0.0%	2347379	< 0.2	< 0.2	0.0%	2347394	< 0.2	< 0.2	0.0%
K	2347354	0.38	0.35	8.2%	2347368	2.43	2.43	0.0%	2347379	2.53	2.58	2.0%	2347394	< 0.05	< 0.05	0.0%
La	2347354	1.46	1.31	10.8%	2347368	29.8	31.1	4.3%	2347379	30.2	30.6	1.3%	2347394	0.4	0.4	0.0%
Li	2347354	18	16	11.8%	2347368	39	39	0.0%	2347379	65	66	1.5%	2347394	< 10	< 10	0.0%
Lu	2347354	0.145	0.164	12.3%	2347368	0.192	0.164	15.7%	2347379	0.23	0.23	0.0%	2347394	0.10	0.10	0.0%
Mg	2347354	14.0	13.8	1.4%	2347368	1.78	1.73	2.8%	2347379	2.23	2.31	3.5%	2347394	15.2	15.2	0.0%
Mn	2347354	1420	1400	1.4%	2347368	573	561	2.1%	2347379	688	688	0.0%	2347394	1190	1190	0.0%
Mo	2347354	< 2	< 2	0.0%	2347368	16	16	0.0%	2347379	9	9	0.0%	2347394	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2347354	< 1	< 1	0.0%	2347368	6	6	0.0%	2347379	6	6	0.0%	2347394	< 1	< 1	0.0%
Nd	2347354	2.61	2.34	10.9%	2347368	25.4	26.8	5.4%	2347379	28.5	30.8	7.8%	2347394	1.4	1.3	7.4%
Ni	2347354	957	931	2.8%	2347368	92	85	7.9%	2347379	88	88	0.0%	2347394	1120	1150	2.6%
P	2347354	< 0.01	< 0.01	0.0%	2347368	0.062	0.070	12.1%	2347379	0.08	0.09	11.8%	2347394	0.01	0.01	0.0%
Pb	2347354	< 5	< 5	0.0%	2347368	17	17	0.0%	2347379	11	16		2347394	< 5	< 5	0.0%
Pr	2347354	0.42	0.49	15.4%	2347368	6.88	7.14	3.7%	2347379	7.67	7.66	0.1%	2347394	0.191	0.216	12.3%
Rb	2347354	17.7	15.6	12.6%	2347368	83.9	87.1	3.7%	2347379	89.8	99.8	10.5%	2347394	0.2	0.5	
S	2347354	0.38	0.37	2.7%	2347368	0.291	0.275	5.7%	2347379	0.50	0.50	0.0%	2347394	0.26	0.27	3.8%
Sb	2347354	< 0.1	< 0.1	0.0%	2347368	< 0.1	< 0.1	0.0%	2347379	0.2	< 0.1		2347394	0.1	< 0.1	
Sc	2347354	27	26	3.8%	2347368	15	15	0.0%	2347379	19	19	0.0%	2347394	25	25	0.0%
Si	2347354	22.1	21.8	1.4%	2347368	33.7	33.6	0.3%	2347379	31.6	31.0	1.9%	2347394	21.4	21.1	1.4%
Sm	2347354	0.8	0.9	11.8%	2347368	3.9	4.4	12.0%	2347379	5.08	5.17	1.8%	2347394	0.54	0.56	3.6%
Sn	2347354	< 1	< 1	0.0%	2347368	1	< 1		2347379	1	< 1		2347394	2	< 1	
Sr	2347354	96.9	94.4	2.6%	2347368	335	331	1.2%	2347379	249	243	2.4%	2347394	102	100	2.0%
Ta	2347354	< 0.5	< 0.5	0.0%	2347368	0.77	0.74	4.0%	2347379	0.6	0.6	0.0%	2347394	< 0.5	< 0.5	0.0%
Tb	2347354	0.25	0.21	17.4%	2347368	0.45	0.47	4.3%	2347379	0.55	0.54	1.8%	2347394	0.179	0.172	4.0%
Th	2347354	< 0.1	< 0.1	0.0%	2347368	8.0	7.8	2.5%	2347379	6.68	7.45	10.9%	2347394	< 0.1	< 0.1	0.0%
Ti	2347354	0.21	0.21	0.0%	2347368	0.367	0.363	1.1%	2347379	0.42	0.42	0.0%	2347394	0.205	0.208	1.5%
Tl	2347354	< 0.5	< 0.5	0.0%	2347368	< 0.5	< 0.5	0.0%	2347379	0.79	0.97	20.5%	2347394	< 0.5	< 0.5	0.0%
Tm	2347354	0.14	0.14	0.0%	2347368	0.185	0.183	1.1%	2347379	0.24	0.24	0.0%	2347394	0.10	0.13	26.1%
U	2347354	0.07	0.07	0.0%	2347368	2.42	2.41	0.4%	2347379	2.18	2.38	8.8%	2347394	< 0.05	< 0.05	0.0%
V	2347354	152	154	1.3%	2347368	109	103	5.7%	2347379	132	139	5.2%	2347394	141	144	2.1%
W	2347354	< 1	< 1	0.0%	2347368	< 1	< 1	0.0%	2347379	< 1	< 1	0.0%	2347394	< 1	< 1	0.0%
Y	2347354	8.45	8.46	0.1%	2347368	13.3	12.6	5.4%	2347379	15.5	15.5	0.0%	2347394	7.67	6.70	13.5%
Yb	2347354	1.01	0.93	8.2%	2347368	1.26	1.24	1.6%	2347379	1.58	1.66	4.9%	2347394	0.8	0.8	0.0%
Zn	2347354	71	63	11.9%	2347368	96	93	3.2%	2347379	288	280	2.8%	2347394	62	58	6.7%
Zr	2347354	18.9	20.0	5.7%	2347368	150	151	0.7%	2347379	142	148	4.1%	2347394	22.5	19.0	16.9%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O733667

PROJECT: 2021 Surimeau DDH Batch 36

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.37	99%	90% - 110%					6.94	7.24	104%	90% - 110%	13.0	13.5	104%	90% - 110%
As	26	25	96%	90% - 110%												
Ba	540	537	99%	90% - 110%									1310	1369	104%	90% - 110%
Be	4.0	4	99%	90% - 110%												
Ca	0.907	0.899	99%	90% - 110%					4.01	4.1	102%	90% - 110%	1.42	1.44	101%	90% - 110%
Ce	98	105	107%	90% - 110%	58.2	55.6	95%	90% - 110%								
Co	15	14	91%	90% - 110%												
Cu	150	165	110%	90% - 110%												
Er	3.7	4	108%	90% - 110%												
Fe	3.77	3.89	103%	90% - 110%					7.56	7.94	105%	90% - 110%	3.27	3.41	104%	90% - 110%
Ga					22.6	23.4	104%	90% - 110%								
Hf	11	10	92%	90% - 110%												
K	2.55	2.58	101%	90% - 110%					2.02	2.17	107%	90% - 110%	3.68	4.01	109%	90% - 110%
La	44	45	102%	90% - 110%	27.5	28.8	104%	90% - 110%								
Li	47	50	107%	90% - 110%									65.0	66.3	102%	90% - 110%
Lu	0.6	0.5	88%	90% - 110%												
Mg	1.1	1.1	97%	90% - 110%					2.41	2.48	103%	90% - 110%				
Mn	780	796	102%	90% - 110%												
Mo	14	13	94%	90% - 110%												
Nb	20	19	94%	90% - 110%	22.6	21.8	96%	90% - 110%								
Nd					27.3	28.8	105%	90% - 110%								
Ni	32	33	104%	90% - 110%												
Pb	31	31	99%	90% - 110%												
Rb	144	145	101%	90% - 110%	85.4	89.2	104%	90% - 110%								
Sb	0.8	0.8	105%	90% - 110%												
Sc	12	13	106%	90% - 110%												
Si	28.4	30.6	108%	90% - 110%					23.65	26.09	110%	90% - 110%	24.4	25.1	102%	90% - 110%
Sm	7.4	7.5	101%	90% - 110%												
Sr	144	150	104%	90% - 110%									310	329	106%	90% - 110%
Tb	1.2	1.1	93%	90% - 110%												
Th	18.4	18.8	102%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Ti	0.527	0.533	101%	90% - 110%									0.222	0.228	103%	90% - 110%
U	5.7	5.5	97%	90% - 110%												
V	77	80	104%	90% - 110%												
W	5	5	100%	90% - 110%												
Y	40	39	97%	90% - 110%	25.3	24.5	97%	90% - 110%								
Yb					2.66	3.12	117%	90% - 110%								
Zn	130	134	103%	90% - 110%									75.4	82.6	109%	90% - 110%
Zr	390	376	97%	90% - 110%	157	145	92%	90% - 110%								

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O733667

PROJECT: 2021 Surimeau DDH Batch 36

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O733667

PROJECT: 2021 Surimeau DDH Batch 36

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O733667

PROJECT: 2021 Surimeau DDH Batch 36

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 42

AGAT WORK ORDER: 21O734084

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Oct 01, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734084

PROJECT: 2021 Surimeau DDH Batch 42

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Oct 01, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
47551 (2351209)	4.11
47552 (2351210)	0.65
47553 (2351211)	3.49
47554 (2351212)	3.32
47555 (2351213)	3.48
47556 (2351214)	3.40
47557 (2351215)	4.09
47558 (2351216)	2.99
47559 (2351217)	1.56
47560 (2351218)	4.45
47561 (2351219)	3.01
47562 C-DUP (2351220)	-
47563 (2351221)	2.40
47564 (2351222)	1.41
47565 (2351223)	1.38
47566 (2351224)	2.47
47567 (2351225)	3.17
47568 (2351226)	3.13
47569 (2351227)	4.51
47570 (2351228)	4.57
47571 (2351229)	4.61
47572 (2351230)	0.66
47573 (2351231)	5.10
47574 (2351232)	4.62
47575 (2351233)	1.51
47576 (2351234)	3.34
47577 (2351235)	4.14
47578 (2351236)	5.06
47579 (2351237)	4.86
47580 (2351238)	4.49
47581 (2351239)	4.42

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734084

PROJECT: 2021 Surimeau DDH Batch 42

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Oct 01, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
47582 (2351240)	4.77
47583 (2351241)	4.58
47584 (2351242)	4.49
47585 (2351243)	3.07
47586 (2351244)	2.90
47587 (2351245)	1.17
47588 (2351246)	3.68
47589 (2351247)	4.64
47590 (2351248)	4.60
47591 (2351249)	2.21
47592 (2351250)	2.22
47593 (2351251)	3.49
47594 (2351252)	1.41
47595 C-DUP (2351253)	-
47596 (2351254)	3.99
47597 (2351255)	4.18
47598 (2351256)	4.39
47599 (2351257)	3.09
47600 (2351258)	4.39

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734084

PROJECT: 2021 Surimeau DDH Batch 42

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Oct 01, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
47551 (2351209)	<1	3.33	<5	<20	88.1	<5	0.5	5.08	<0.2	8.0	84.8	0.210	3.5	60
47552 (2351210)	<1	4.05	<5	122	412	<5	<0.1	8.27	<0.2	30.7	6.2	0.014	0.9	<5
47553 (2351211)	<1	3.35	<5	<20	25.6	<5	0.5	4.01	<0.2	1.0	85.5	0.225	2.1	38
47554 (2351212)	<1	2.61	<5	<20	115	<5	0.8	4.42	<0.2	1.0	87.8	0.193	8.3	27
47555 (2351213)	<1	4.55	<5	<20	395	<5	0.4	3.53	<0.2	2.4	75.7	0.222	25.4	19
47556 (2351214)	<1	3.21	<5	<20	209	<5	0.6	6.89	<0.2	1.9	83.2	0.204	11.9	44
47557 (2351215)	<1	6.66	<5	<20	517	<5	0.9	6.59	<0.2	40.0	105	0.250	8.8	143
47558 (2351216)	<1	7.95	<5	<20	242	<5	3.4	3.86	12.0	58.1	109	0.057	0.8	725
47559 (2351217)	<1	6.86	<5	<20	534	<5	0.6	5.15	1.1	71.1	49.2	0.057	2.9	346
47560 (2351218)	<1	6.59	<5	<20	863	<5	0.3	6.47	0.2	52.2	46.0	0.049	4.2	133
47561 (2351219)	1	8.56	<5	<20	760	<5	0.7	4.52	11.4	70.1	70.9	0.023	0.7	633
47562 C-DUP (2351220)	1	8.54	<5	<20	748	<5	0.8	4.48	11.9	74.2	73.4	0.021	0.9	618
47563 (2351221)	<1	9.23	<5	<20	1180	<5	0.5	4.33	<0.2	56.7	41.7	0.046	2.6	393
47564 (2351222)	<1	10.1	<5	<20	817	<5	0.6	2.68	<0.2	64.8	26.9	0.031	3.3	106
47565 (2351223)	<1	10.1	<5	<20	929	<5	0.6	2.62	0.3	65.2	29.7	0.040	4.1	103
47566 (2351224)	<1	10.0	<5	<20	857	<5	1.0	1.10	0.2	69.8	34.8	0.030	3.8	91
47567 (2351225)	<1	10.2	<5	<20	517	<5	0.5	1.47	<0.2	68.7	28.3	0.030	5.8	59
47568 (2351226)	<1	10.0	<5	39	603	<5	0.3	1.08	0.3	67.4	30.2	0.029	7.2	69
47569 (2351227)	<1	9.57	<5	<20	516	<5	0.5	1.14	0.6	60.4	26.9	0.032	5.3	70
47570 (2351228)	<1	9.87	<5	27	676	<5	0.3	1.31	0.4	64.9	29.3	0.031	5.1	63
47571 (2351229)	<1	9.28	<5	<20	583	<5	0.2	1.74	<0.2	65.8	24.4	0.033	3.9	52
47572 (2351230)	<1	3.89	<5	38	603	<5	<0.1	9.15	<0.2	60.6	6.2	0.014	1.0	9
47573 (2351231)	<1	9.36	<5	23	552	<5	0.3	1.45	<0.2	69.1	27.1	0.032	4.7	52
47574 (2351232)	<1	9.30	<5	<20	699	<5	0.4	1.53	<0.2	63.0	28.0	0.035	4.8	69
47575 (2351233)	<1	8.89	<5	<20	1040	<5	0.2	2.17	0.3	68.0	26.8	0.040	3.8	30
47576 (2351234)	<1	8.16	<5	<20	550	<5	0.3	0.92	0.3	46.0	25.7	0.029	1.4	69
47577 (2351235)	<1	9.88	<5	<20	765	<5	0.3	0.92	<0.2	58.2	24.3	0.029	2.2	40
47578 (2351236)	<1	9.60	<5	<20	666	<5	0.4	0.97	<0.2	62.6	27.0	0.030	2.4	66
47579 (2351237)	<1	9.21	<5	<20	737	<5	0.4	0.92	0.6	62.5	25.8	0.027	1.7	87
47580 (2351238)	<1	8.39	<5	<20	638	<5	0.3	0.91	0.3	85.9	15.0	0.023	3.1	26
47581 (2351239)	<1	8.52	<5	<20	347	<5	0.3	1.12	0.4	58.0	21.7	0.026	3.9	45
47582 (2351240)	<1	9.13	<5	<20	589	<5	0.3	1.31	0.2	66.5	22.4	0.031	5.6	48

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734084

PROJECT: 2021 Surimeau DDH Batch 42

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Oct 01, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
47583 (2351241)	<1	9.08	<5	<20	637	<5	0.2	3.08	0.8	79.4	25.8	0.024	4.5	49
47584 (2351242)	<1	10.2	<5	<20	926	<5	0.3	1.96	0.2	82.1	30.6	0.027	8.2	66
47585 (2351243)	<1	10.1	<5	29	986	<5	0.3	0.88	<0.2	67.3	27.5	0.029	8.1	48
47586 (2351244)	<1	9.22	<5	<20	811	<5	0.4	1.09	0.5	70.8	28.0	0.030	7.3	59
47587 (2351245)	<1	1.35	<5	<20	94.1	<5	<0.1	0.15	<0.2	5.9	3.2	0.025	1.1	7
47588 (2351246)	<1	8.78	<5	<20	876	<5	0.2	1.47	0.3	61.3	25.0	0.033	5.5	62
47589 (2351247)	<1	8.59	<5	<20	708	<5	0.2	2.13	0.4	66.7	27.0	0.028	5.2	44
47590 (2351248)	<1	8.85	<5	<20	794	<5	0.3	1.14	0.3	60.7	24.2	0.029	6.0	51
47591 (2351249)	<1	8.83	<5	<20	697	<5	0.2	1.24	0.4	59.9	24.4	0.029	6.4	51
47592 (2351250)	<1	8.55	<5	<20	649	<5	0.2	1.56	0.7	59.9	24.2	0.035	5.5	41
47593 (2351251)	<1	8.69	<5	<20	607	<5	0.3	1.17	0.6	59.9	21.4	0.030	5.6	48
47594 (2351252)	<1	1.19	<5	<20	68.5	<5	<0.1	0.19	<0.2	5.8	2.4	0.025	0.6	<5
47595 C-DUP (2351253)	<1	1.21	<5	<20	70.7	<5	<0.1	0.22	<0.2	6.1	2.4	0.026	0.6	<5
47596 (2351254)	<1	9.04	<5	<20	683	<5	0.3	1.21	0.2	60.6	23.2	0.031	6.2	45
47597 (2351255)	<1	8.82	<5	<20	663	<5	0.3	2.00	0.2	59.9	24.6	0.031	5.7	56
47598 (2351256)	<1	8.88	<5	<20	753	<5	0.2	1.38	<0.2	65.2	24.2	0.030	6.4	53
47599 (2351257)	1	8.82	<5	<20	731	<5	0.3	1.29	<0.2	64.6	23.7	0.029	6.0	57
47600 (2351258)	<1	8.83	<5	<20	731	<5	0.5	1.67	0.4	61.5	24.0	0.030	6.1	56

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734084

PROJECT: 2021 Surimeau DDH Batch 42

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Oct 01, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
47551 (2351209)	1.61	0.98	0.19	7.03	9.17	1.26	2	<1	0.26	<0.2	0.48	3.4	14	0.13
47552 (2351210)	2.27	1.34	1.00	1.39	10.9	2.61	1	3	0.45	<0.2	3.64	14.6	23	0.18
47553 (2351211)	0.91	0.71	0.07	6.98	10.2	0.81	2	<1	0.20	<0.2	0.19	0.3	<10	0.09
47554 (2351212)	0.94	0.58	0.07	6.51	9.00	0.67	3	<1	0.21	<0.2	0.99	0.3	19	0.06
47555 (2351213)	0.73	0.48	0.25	6.67	16.3	0.74	2	<1	0.16	<0.2	2.78	1.2	111	0.07
47556 (2351214)	1.20	0.82	0.32	6.76	9.18	0.88	3	<1	0.27	<0.2	1.64	0.7	53	0.11
47557 (2351215)	3.31	1.86	1.17	8.06	17.8	4.16	3	2	0.70	<0.2	1.46	16.9	65	0.28
47558 (2351216)	3.54	2.22	1.60	8.15	21.1	4.40	1	4	0.73	2.4	0.29	27.2	<10	0.37
47559 (2351217)	3.53	1.70	2.20	6.90	17.7	5.88	2	3	0.69	<0.2	0.83	32.7	25	0.27
47560 (2351218)	3.38	1.89	1.38	7.27	18.7	4.88	3	2	0.72	<0.2	1.27	24.6	35	0.29
47561 (2351219)	3.68	2.22	2.05	7.59	20.6	4.36	<1	4	0.75	1.4	0.53	34.8	<10	0.34
47562 C-DUP (2351220)	3.94	2.12	2.17	7.66	22.1	4.85	1	4	0.72	1.5	0.56	36.5	<10	0.36
47563 (2351221)	3.16	1.65	1.22	6.07	23.7	3.94	2	3	0.58	<0.2	2.53	26.8	25	0.23
47564 (2351222)	3.32	1.81	1.25	4.80	24.6	4.36	1	3	0.67	<0.2	3.32	31.6	31	0.26
47565 (2351223)	3.32	1.80	1.17	5.54	24.0	4.04	1	3	0.65	<0.2	4.24	32.0	36	0.27
47566 (2351224)	3.13	1.73	1.29	6.53	25.8	4.67	2	3	0.56	<0.2	3.14	34.7	40	0.22
47567 (2351225)	3.39	1.92	1.50	5.36	24.5	4.42	2	3	0.67	<0.2	3.02	32.7	56	0.24
47568 (2351226)	3.04	1.57	1.36	5.38	26.2	4.43	2	3	0.61	<0.2	3.14	32.1	63	0.24
47569 (2351227)	2.75	1.39	1.21	4.77	24.1	3.61	2	3	0.53	<0.2	2.38	29.4	53	0.21
47570 (2351228)	2.83	1.73	1.23	5.22	22.8	4.43	2	3	0.55	<0.2	2.64	30.8	57	0.21
47571 (2351229)	2.91	1.99	1.36	4.55	22.3	4.29	2	3	0.54	<0.2	2.22	32.1	45	0.24
47572 (2351230)	2.44	1.45	0.91	1.71	9.41	3.25	1	3	0.51	<0.2	2.57	29.1	30	0.20
47573 (2351231)	2.72	1.44	1.27	4.95	23.8	4.33	2	3	0.56	<0.2	2.54	32.9	50	0.26
47574 (2351232)	2.94	1.65	1.19	4.92	23.3	4.15	2	3	0.56	<0.2	2.59	31.5	48	0.26
47575 (2351233)	2.70	1.44	1.57	5.12	21.7	4.13	2	3	0.55	<0.2	2.55	32.4	51	0.26
47576 (2351234)	2.62	1.48	0.80	4.19	20.5	3.13	<1	3	0.48	<0.2	2.63	22.9	33	0.19
47577 (2351235)	3.20	1.62	1.23	5.11	23.9	3.81	2	4	0.63	<0.2	3.31	28.1	56	0.26
47578 (2351236)	3.09	1.65	1.16	4.95	22.8	3.96	2	3	0.62	<0.2	3.02	29.6	53	0.24
47579 (2351237)	2.96	1.38	1.19	4.57	23.6	3.98	1	4	0.59	<0.2	3.02	30.4	41	0.22
47580 (2351238)	3.79	2.30	0.86	3.40	20.4	5.02	1	6	0.75	<0.2	2.42	41.4	37	0.33
47581 (2351239)	2.78	1.52	1.08	3.72	20.5	3.52	1	4	0.50	<0.2	1.59	28.5	42	0.20
47582 (2351240)	2.84	1.45	1.09	4.31	21.4	3.91	1	4	0.56	<0.2	2.13	32.6	41	0.24

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734084

PROJECT: 2021 Surimeau DDH Batch 42

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Oct 01, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
47583 (2351241)	2.82	1.51	1.51	5.35	22.6	4.67	2	4	0.53	<0.2	1.79	38.0	32	0.21
47584 (2351242)	3.35	1.63	1.53	6.03	24.4	5.02	2	4	0.54	<0.2	3.26	38.7	52	0.20
47585 (2351243)	3.10	1.62	1.18	5.24	24.1	4.31	1	3	0.57	<0.2	3.58	33.2	46	0.25
47586 (2351244)	3.25	1.78	1.46	4.57	27.7	4.40	2	5	0.63	<0.2	2.69	34.4	39	0.25
47587 (2351245)	0.31	0.15	0.07	0.73	3.51	0.38	<1	<1	0.06	<0.2	0.36	2.7	<10	<0.05
47588 (2351246)	2.84	1.62	1.08	4.59	23.5	3.87	1	3	0.58	<0.2	2.49	29.3	40	0.21
47589 (2351247)	3.20	1.64	1.38	4.91	24.1	4.60	1	4	0.62	<0.2	2.11	31.9	32	0.23
47590 (2351248)	2.79	1.62	1.14	4.35	21.8	4.21	1	4	0.65	<0.2	2.69	29.5	35	0.26
47591 (2351249)	2.66	1.65	1.17	4.26	22.6	3.68	1	4	0.54	<0.2	2.12	29.2	41	0.22
47592 (2351250)	2.85	1.58	1.26	4.71	21.1	3.92	1	4	0.52	<0.2	2.02	29.3	34	0.24
47593 (2351251)	2.69	1.52	1.07	4.06	19.8	3.92	1	4	0.54	<0.2	2.04	29.6	37	0.21
47594 (2351252)	0.27	0.15	0.17	0.65	2.66	0.40	<1	<1	0.05	<0.2	0.23	2.6	<10	<0.05
47595 C-DUP (2351253)	0.34	0.16	0.17	0.63	2.69	0.41	<1	<1	0.07	<0.2	0.26	2.8	<10	<0.05
47596 (2351254)	2.79	1.44	1.00	4.33	23.0	3.68	2	4	0.53	<0.2	2.31	29.6	43	0.24
47597 (2351255)	2.89	1.42	1.02	4.60	21.0	3.79	2	4	0.51	<0.2	2.32	29.0	37	0.23
47598 (2351256)	2.78	1.72	1.19	4.45	21.4	3.96	1	4	0.59	<0.2	2.59	31.7	39	0.25
47599 (2351257)	2.90	1.58	1.12	4.39	19.4	4.09	1	4	0.53	<0.2	2.57	31.8	36	0.23
47600 (2351258)	2.80	1.56	1.27	4.83	20.9	3.83	1	4	0.54	<0.2	2.49	29.6	39	0.22

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734084

PROJECT: 2021 Surimeau DDH Batch 42

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Oct 01, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
47551 (2351209)	14.8	1170	2	<1	5.1	1200	0.03	<5	1.08	21.4	1.05	<0.1	23	22.9
47552 (2351210)	4.81	492	3	6	14.1	21	0.03	8	3.30	81.1	0.19	<0.1	5	24.4
47553 (2351211)	15.0	1340	2	<1	1.0	1370	0.01	<5	0.21	9.5	0.63	<0.1	21	22.6
47554 (2351212)	14.7	1400	2	<1	1.1	1460	<0.01	<5	0.17	43.5	0.53	<0.1	18	25.1
47555 (2351213)	13.6	980	2	1	1.5	1020	<0.01	15	0.33	126	0.39	<0.1	16	23.2
47556 (2351214)	12.5	1450	2	1	1.7	1250	0.04	7	0.28	72.9	0.81	<0.1	20	24.9
47557 (2351215)	8.44	1860	5	4	21.9	1100	0.11	16	5.17	61.3	0.92	<0.1	36	22.5
47558 (2351216)	1.10	557	66	6	27.2	657	0.09	80	6.87	9.7	4.95	<0.1	20	26.9
47559 (2351217)	4.72	1030	35	5	36.7	188	0.16	27	8.93	37.9	2.54	<0.1	24	26.3
47560 (2351218)	4.97	1380	<2	4	28.2	93	0.13	22	6.60	58.2	1.41	<0.1	35	24.4
47561 (2351219)	1.27	782	84	7	31.5	257	0.05	30	7.94	17.5	4.10	<0.1	21	28.4
47562 C-DUP (2351220)	1.24	784	82	7	31.5	248	0.05	34	8.74	18.6	4.04	<0.1	20	28.3
47563 (2351221)	3.15	840	11	6	26.6	145	0.10	20	6.75	90.4	3.15	<0.1	32	28.4
47564 (2351222)	1.79	557	5	7	28.1	122	0.07	18	7.68	122	2.59	<0.1	23	29.7
47565 (2351223)	2.27	672	5	7	29.9	141	0.08	21	7.51	148	2.96	<0.1	25	30.1
47566 (2351224)	2.13	558	6	7	32.3	147	0.07	21	8.30	117	3.38	<0.1	24	29.0
47567 (2351225)	2.46	745	7	7	30.9	120	0.08	18	8.21	130	1.22	<0.1	24	29.5
47568 (2351226)	2.36	665	17	7	30.9	131	0.07	17	7.92	121	0.49	<0.1	23	28.9
47569 (2351227)	2.05	528	3	7	28.8	112	0.08	20	6.97	92.9	0.62	<0.1	20	29.8
47570 (2351228)	2.41	631	2	6	28.9	115	0.08	18	7.75	102	0.47	<0.1	22	31.0
47571 (2351229)	2.08	611	<2	6	29.9	101	0.08	18	7.98	91.9	0.34	<0.1	18	32.1
47572 (2351230)	4.64	497	<2	6	23.5	22	0.03	7	6.63	55.8	0.24	<0.1	6	26.6
47573 (2351231)	2.39	620	<2	6	31.8	105	0.10	15	8.00	105	0.29	<0.1	21	31.1
47574 (2351232)	2.21	653	<2	6	28.9	136	0.07	18	7.20	103	0.38	<0.1	21	30.8
47575 (2351233)	3.18	786	3	6	32.8	124	0.11	18	8.24	101	0.25	<0.1	19	30.9
47576 (2351234)	1.75	485	3	6	19.7	93	0.07	12	5.49	84.1	0.66	<0.1	16	32.9
47577 (2351235)	2.32	551	<2	6	26.0	117	0.08	8	6.73	120	0.24	<0.1	21	31.0
47578 (2351236)	2.11	518	2	7	28.5	113	0.07	9	7.30	111	0.43	<0.1	21	31.0
47579 (2351237)	1.95	527	2	6	29.3	113	0.07	17	7.38	95.0	0.64	<0.1	19	30.3
47580 (2351238)	1.74	389	2	9	36.5	67	0.05	9	10.2	81.7	0.17	<0.1	12	32.8
47581 (2351239)	1.55	438	<2	6	25.4	80	0.06	7	6.83	60.1	0.23	<0.1	14	32.7
47582 (2351240)	1.77	552	<2	6	30.0	92	0.07	13	7.78	79.8	0.23	<0.1	17	32.3

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734084

PROJECT: 2021 Surimeau DDH Batch 42

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Oct 01, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
47583 (2351241)	2.66	898	<2	6	37.7	80	0.15	13	9.58	68.1	0.39	<0.1	18	31.0
47584 (2351242)	2.78	759	2	7	39.5	102	0.13	15	9.80	120	0.53	<0.1	23	29.4
47585 (2351243)	2.14	604	2	7	31.4	115	0.07	14	8.13	125	0.24	<0.1	21	31.1
47586 (2351244)	1.92	631	<2	7	32.9	105	0.07	13	8.42	109	0.27	<0.1	18	31.4
47587 (2351245)	0.25	85	<2	<1	2.8	27	0.01	<5	0.77	14.4	0.05	<0.1	<5	49.0
47588 (2351246)	2.08	623	<2	6	28.1	93	0.07	15	7.33	88.5	0.24	<0.1	18	32.0
47589 (2351247)	2.35	777	2	6	31.4	84	0.11	10	8.03	78.2	0.22	<0.1	19	30.2
47590 (2351248)	1.80	565	2	7	27.7	102	0.06	10	7.10	92.5	0.22	<0.1	17	31.0
47591 (2351249)	1.78	556	<2	7	25.7	88	0.07	9	6.90	77.4	0.22	<0.1	16	30.9
47592 (2351250)	2.18	760	<2	6	27.5	86	0.09	8	7.00	71.8	0.21	<0.1	19	31.8
47593 (2351251)	1.70	550	<2	6	27.3	88	0.07	8	6.99	70.4	0.24	<0.1	15	32.4
47594 (2351252)	0.21	71	<2	<1	2.8	19	0.01	<5	0.66	9.2	0.02	<0.1	<5	46.4
47595 C-DUP (2351253)	0.22	71	<2	<1	2.8	23	<0.01	<5	0.78	9.0	0.04	<0.1	<5	47.9
47596 (2351254)	1.84	599	<2	6	27.0	90	0.07	14	6.97	89.8	0.20	<0.1	16	31.8
47597 (2351255)	2.01	675	<2	6	26.0	89	0.09	17	6.95	88.1	0.27	<0.1	18	32.6
47598 (2351256)	1.89	592	<2	7	29.5	99	0.07	16	7.66	95.8	0.21	0.1	17	31.5
47599 (2351257)	1.80	578	3	6	29.2	103	0.08	16	7.53	92.2	0.24	<0.1	17	31.6
47600 (2351258)	2.10	690	<2	6	28.2	87	0.09	11	7.35	90.0	0.27	<0.1	18	31.8

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734084

PROJECT: 2021 Surimeau DDH Batch 42

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Oct 01, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
47551 (2351209)	1.1	<1	56.7	<0.5	0.19	0.5	0.19	<0.5	0.10	0.14	130	<1	7.8	0.8
47552 (2351210)	2.7	<1	144	0.6	0.40	4.9	0.15	<0.5	0.19	1.01	31	<1	12.7	1.4
47553 (2351211)	0.5	<1	51.8	<0.5	0.14	<0.1	0.17	<0.5	0.09	<0.05	126	<1	5.6	0.6
47554 (2351212)	0.6	<1	31.4	<0.5	0.15	<0.1	0.14	0.6	0.10	<0.05	96	<1	6.0	0.7
47555 (2351213)	0.6	<1	50.9	<0.5	0.12	0.1	0.23	1.6	0.07	0.07	141	<1	4.8	0.4
47556 (2351214)	0.7	1	62.4	<0.5	0.16	<0.1	0.17	0.8	0.11	0.07	136	<1	7.2	0.8
47557 (2351215)	4.5	3	416	<0.5	0.57	2.9	0.42	0.8	0.26	0.87	238	<1	17.1	1.8
47558 (2351216)	4.7	10	478	0.6	0.65	6.6	0.33	<0.5	0.31	3.03	114	<1	19.3	2.1
47559 (2351217)	6.7	6	807	<0.5	0.73	5.3	0.49	0.5	0.26	1.68	183	<1	18.2	1.7
47560 (2351218)	5.3	3	709	<0.5	0.58	4.5	0.48	0.9	0.27	1.26	234	<1	18.6	1.8
47561 (2351219)	5.3	4	469	0.8	0.65	9.4	0.31	<0.5	0.36	2.90	109	<1	20.0	2.2
47562 C-DUP (2351220)	5.9	4	464	0.8	0.68	9.3	0.30	<0.5	0.33	2.83	108	<1	20.1	2.2
47563 (2351221)	4.9	2	384	0.6	0.55	5.9	0.42	1.5	0.22	1.71	190	<1	15.8	1.8
47564 (2351222)	4.8	<1	194	0.7	0.62	7.7	0.42	2.0	0.26	2.27	160	2	17.1	1.8
47565 (2351223)	4.8	1	183	0.7	0.67	7.5	0.44	2.6	0.25	2.16	164	2	17.1	1.8
47566 (2351224)	5.3	2	144	0.8	0.60	8.4	0.43	1.5	0.26	2.27	168	2	15.7	1.8
47567 (2351225)	5.3	<1	258	0.8	0.62	8.0	0.44	1.9	0.25	2.32	167	1	17.4	1.8
47568 (2351226)	5.9	1	179	0.8	0.59	8.1	0.43	1.6	0.24	2.39	160	1	15.6	1.5
47569 (2351227)	4.7	2	193	0.7	0.51	7.5	0.39	0.8	0.18	2.36	137	<1	15.1	1.5
47570 (2351228)	5.2	2	208	0.7	0.60	7.4	0.42	1.0	0.23	2.22	151	<1	15.4	1.5
47571 (2351229)	5.1	1	274	0.7	0.55	7.9	0.39	0.8	0.24	2.23	124	<1	15.5	1.6
47572 (2351230)	3.6	<1	228	<0.5	0.44	5.8	0.25	<0.5	0.20	1.38	42	<1	13.9	1.3
47573 (2351231)	5.4	1	200	0.7	0.56	7.7	0.41	0.8	0.23	2.24	145	<1	15.2	1.6
47574 (2351232)	4.9	1	282	0.7	0.56	7.3	0.40	0.8	0.23	2.11	141	<1	16.3	1.6
47575 (2351233)	5.5	1	597	0.5	0.53	6.8	0.39	0.9	0.23	2.00	146	<1	15.2	1.4
47576 (2351234)	3.9	1	227	0.6	0.47	6.8	0.34	<0.5	0.20	1.83	117	<1	12.5	1.4
47577 (2351235)	4.4	2	209	0.7	0.55	7.6	0.42	0.6	0.24	2.16	149	<1	15.9	1.7
47578 (2351236)	5.2	1	216	0.7	0.58	7.4	0.40	<0.5	0.22	2.23	145	<1	16.8	1.6
47579 (2351237)	5.5	2	217	0.7	0.56	8.1	0.38	<0.5	0.23	2.35	132	1	15.7	1.6
47580 (2351238)	7.0	2	195	0.9	0.70	14.6	0.27	<0.5	0.30	4.29	77	1	20.9	2.0
47581 (2351239)	4.6	2	276	0.7	0.50	7.4	0.33	<0.5	0.20	2.23	100	<1	14.0	1.4
47582 (2351240)	5.4	1	335	0.7	0.46	8.1	0.38	<0.5	0.20	2.38	119	<1	14.4	1.4

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734084

PROJECT: 2021 Surimeau DDH Batch 42

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Oct 01, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
47583 (2351241)	6.1	1	538	0.5	0.56	6.1	0.53	<0.5	0.20	1.71	156	<1	14.2	1.3
47584 (2351242)	6.4	1	412	0.7	0.62	7.2	0.56	<0.5	0.25	1.94	183	<1	15.6	1.4
47585 (2351243)	5.2	1	210	0.8	0.56	8.1	0.43	<0.5	0.22	2.37	146	1	16.0	1.7
47586 (2351244)	5.6	<1	289	0.8	0.60	9.1	0.39	<0.5	0.24	2.86	127	<1	17.4	1.7
47587 (2351245)	0.5	<1	39.5	<0.5	<0.05	1.1	0.04	<0.5	<0.05	0.30	15	<1	1.2	0.1
47588 (2351246)	5.2	1	370	0.7	0.55	7.5	0.39	<0.5	0.24	2.26	129	<1	15.6	1.6
47589 (2351247)	5.6	1	388	0.7	0.60	7.5	0.42	<0.5	0.20	2.32	136	<1	16.1	1.6
47590 (2351248)	4.7	1	264	0.7	0.56	8.1	0.37	<0.5	0.24	2.33	118	<1	16.2	1.7
47591 (2351249)	4.6	1	314	0.7	0.53	7.8	0.37	<0.5	0.24	2.39	115	<1	14.8	1.6
47592 (2351250)	4.6	1	310	0.6	0.52	7.0	0.38	<0.5	0.24	2.11	128	<1	14.8	1.5
47593 (2351251)	4.4	1	309	0.7	0.51	7.3	0.35	<0.5	0.21	2.24	106	<1	14.6	1.5
47594 (2351252)	0.4	<1	52.7	<0.5	0.05	0.7	0.04	<0.5	<0.05	0.22	9	<1	1.6	0.1
47595 C-DUP (2351253)	0.6	<1	55.2	<0.5	0.06	0.7	0.04	<0.5	<0.05	0.19	8	<1	1.7	0.2
47596 (2351254)	4.4	1	283	0.7	0.50	7.7	0.37	<0.5	0.26	2.32	111	<1	15.3	1.5
47597 (2351255)	4.4	1	301	0.7	0.50	7.4	0.39	<0.5	0.21	2.22	123	<1	14.4	1.5
47598 (2351256)	5.2	1	275	0.6	0.59	8.2	0.37	<0.5	0.25	2.47	115	<1	15.9	1.7
47599 (2351257)	4.9	<1	295	0.7	0.51	8.0	0.37	<0.5	0.21	2.23	116	<1	15.3	1.5
47600 (2351258)	4.6	<1	365	0.7	0.53	7.3	0.40	<0.5	0.21	2.23	129	<1	15.6	1.5

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734084

PROJECT: 2021 Surimeau DDH Batch 42

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Oct 01, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
47551 (2351209)	68	30.4
47552 (2351210)	88	105
47553 (2351211)	77	14.3
47554 (2351212)	93	11.3
47555 (2351213)	208	9.8
47556 (2351214)	159	13.4
47557 (2351215)	185	82.6
47558 (2351216)	6680	133
47559 (2351217)	470	119
47560 (2351218)	246	92.6
47561 (2351219)	6210	148
47562 C-DUP (2351220)	6150	148
47563 (2351221)	142	94.8
47564 (2351222)	99	125
47565 (2351223)	105	121
47566 (2351224)	111	121
47567 (2351225)	123	123
47568 (2351226)	134	122
47569 (2351227)	369	129
47570 (2351228)	189	133
47571 (2351229)	146	131
47572 (2351230)	34	140
47573 (2351231)	153	135
47574 (2351232)	147	132
47575 (2351233)	109	132
47576 (2351234)	138	117
47577 (2351235)	52	130
47578 (2351236)	104	129
47579 (2351237)	323	137
47580 (2351238)	128	197
47581 (2351239)	164	130
47582 (2351240)	137	144

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734084

PROJECT: 2021 Surimeau DDH Batch 42

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Oct 01, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
47583 (2351241)	135	143
47584 (2351242)	116	147
47585 (2351243)	99	130
47586 (2351244)	133	163
47587 (2351245)	21	14.7
47588 (2351246)	136	134
47589 (2351247)	130	141
47590 (2351248)	108	131
47591 (2351249)	144	135
47592 (2351250)	152	136
47593 (2351251)	147	141
47594 (2351252)	17	14.1
47595 C-DUP (2351253)	16	12.3
47596 (2351254)	115	137
47597 (2351255)	116	135
47598 (2351256)	94	146
47599 (2351257)	98	138
47600 (2351258)	113	142

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734084

PROJECT: 2021 Surimeau DDH Batch 42

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Oct 01, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
47551 (2351209)	81.78
47570 (2351228)	78.16
47590 (2351248)	80.20

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734084

PROJECT: 2021 Surimeau DDH Batch 42

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Oct 01, 2021 | SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
47551 (2351209)		85.24
47596 (2351254)		86.19

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O734084

PROJECT: 2021 Surimeau DDH Batch 42

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2351209	< 1	< 1	0.0%	2351223	< 1	< 1	0.0%	2351234	< 1	< 1	0.0%	2351249	< 1	< 1	0.0%
Al	2351209	3.33	3.31	0.6%	2351223	10.1	9.76	3.4%	2351234	8.16	8.17	0.1%	2351249	8.83	9.11	3.1%
As	2351209	< 5	< 5	0.0%	2351223	< 5	< 5	0.0%	2351234	< 5	< 5	0.0%	2351249	< 5	< 5	0.0%
B	2351209	< 20	< 20	0.0%	2351223	< 20	< 20	0.0%	2351234	< 20	< 20	0.0%	2351249	< 20	< 20	0.0%
Ba	2351209	88.1	85.4	3.1%	2351223	929	928	0.1%	2351234	550	554	0.7%	2351249	697	713	2.3%
Be	2351209	< 5	< 5	0.0%	2351223	< 5	< 5	0.0%	2351234	< 5	< 5	0.0%	2351249	< 5	< 5	0.0%
Bi	2351209	0.5	0.5	0.0%	2351223	0.63	0.67	6.2%	2351234	0.34	0.39	13.7%	2351249	0.23	0.27	16.0%
Ca	2351209	5.08	5.04	0.8%	2351223	2.62	2.54	3.1%	2351234	0.92	0.91	1.1%	2351249	1.24	1.29	4.0%
Cd	2351209	< 0.2	< 0.2	0.0%	2351223	0.3	< 0.2		2351234	0.3	< 0.2		2351249	0.4	0.4	0.0%
Ce	2351209	8.0	8.3	3.7%	2351223	65.2	64.4	1.2%	2351234	46.0	44.8	2.6%	2351249	59.9	60.4	0.8%
Co	2351209	84.8	88.3	4.0%	2351223	29.7	30.3	2.0%	2351234	25.7	25.5	0.8%	2351249	24.4	23.8	2.5%
Cr	2351209	0.210	0.208	1.0%	2351223	0.0404	0.0406	0.5%	2351234	0.0290	0.0328	12.3%	2351249	0.029	0.029	0.0%
Cs	2351209	3.5	3.7	5.6%	2351223	4.09	3.72	9.5%	2351234	1.44	1.34	7.2%	2351249	6.37	6.28	1.4%
Cu	2351209	60	56	6.9%	2351223	103	101	2.0%	2351234	69	68	1.5%	2351249	51	48	6.1%
Dy	2351209	1.61	1.48	8.4%	2351223	3.32	3.34	0.6%	2351234	2.62	2.54	3.1%	2351249	2.66	2.65	0.4%
Er	2351209	0.98	0.89	9.6%	2351223	1.80	1.94	7.5%	2351234	1.48	1.52	2.7%	2351249	1.65	1.50	9.5%
Eu	2351209	0.194	0.257	27.9%	2351223	1.17	1.11	5.3%	2351234	0.798	0.773	3.2%	2351249	1.17	1.20	2.5%
Fe	2351209	7.03	6.99	0.6%	2351223	5.54	5.38	2.9%	2351234	4.19	4.23	1.0%	2351249	4.26	4.34	1.9%
Ga	2351209	9.17	9.58	4.4%	2351223	24.0	23.5	2.1%	2351234	20.5	20.0	2.5%	2351249	22.6	21.5	5.0%
Gd	2351209	1.26	1.32	4.7%	2351223	4.04	4.42	9.0%	2351234	3.13	3.05	2.6%	2351249	3.68	3.77	2.4%
Ge	2351209	2	3		2351223	1	2		2351234	< 1	1		2351249	1	1	0.0%
Hf	2351209	< 1	< 1	0.0%	2351223	3	3	0.0%	2351234	3	3	0.0%	2351249	4	4	0.0%
Ho	2351209	0.26	0.27	3.8%	2351223	0.65	0.64	1.6%	2351234	0.484	0.513	5.8%	2351249	0.54	0.53	1.9%
In	2351209	< 0.2	< 0.2	0.0%	2351223	< 0.2	< 0.2	0.0%	2351234	< 0.2	< 0.2	0.0%	2351249	< 0.2	< 0.2	0.0%
K	2351209	0.477	0.463	3.0%	2351223	4.24	4.11	3.1%	2351234	2.63	2.62	0.4%	2351249	2.12	2.18	2.8%
La	2351209	3.4	3.9	13.7%	2351223	32.0	30.5	4.8%	2351234	22.9	21.8	4.9%	2351249	29.2	29.2	0.0%
Li	2351209	14	13	7.4%	2351223	36	36	0.0%	2351234	33	34	3.0%	2351249	41	40	2.5%
Lu	2351209	0.13	0.14	7.4%	2351223	0.27	0.30	10.5%	2351234	0.190	0.171	10.5%	2351249	0.217	0.204	6.2%
Mg	2351209	14.8	14.3	3.4%	2351223	2.27	2.18	4.0%	2351234	1.75	1.75	0.0%	2351249	1.78	1.84	3.3%
Mn	2351209	1170	1170	0.0%	2351223	672	678	0.9%	2351234	485	487	0.4%	2351249	556	567	2.0%
Mo	2351209	2	2	0.0%	2351223	5	5	0.0%	2351234	3	< 2		2351249	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2351209	< 1	< 1	0.0%	2351223	7	7	0.0%	2351234	6	5	18.2%	2351249	7	6	15.4%
Nd	2351209	5.1	4.9	4.0%	2351223	29.9	29.7	0.7%	2351234	19.7	20.1	2.0%	2351249	25.7	26.1	1.5%
Ni	2351209	1200	1160	3.4%	2351223	141	143	1.4%	2351234	93	87	6.7%	2351249	88	95	7.7%
P	2351209	0.03	0.02		2351223	0.077	0.074	4.0%	2351234	0.068	0.063	7.6%	2351249	0.07	0.07	0.0%
Pb	2351209	< 5	< 5	0.0%	2351223	21	22	4.7%	2351234	12	13	8.0%	2351249	9	9	0.0%
Pr	2351209	1.08	1.17	8.0%	2351223	7.51	7.85	4.4%	2351234	5.49	4.99	9.5%	2351249	6.90	6.91	0.1%
Rb	2351209	21.4	21.3	0.5%	2351223	148	150	1.3%	2351234	84.1	85.8	2.0%	2351249	77.4	78.8	1.8%
S	2351209	1.05	0.99	5.9%	2351223	2.96	3.00	1.3%	2351234	0.66	0.66	0.0%	2351249	0.22	0.22	0.0%
Sb	2351209	< 0.1	< 0.1	0.0%	2351223	< 0.1	< 0.1	0.0%	2351234	< 0.1	< 0.1	0.0%	2351249	< 0.1	< 0.1	0.0%
Sc	2351209	23	22	4.4%	2351223	25	24	4.1%	2351234	16	16	0.0%	2351249	16	17	6.1%
Si	2351209	22.9	22.7	0.9%	2351223	30.1	29.2	3.0%	2351234	32.9	32.8	0.3%	2351249	30.9	32.1	3.8%
Sm	2351209	1.09	1.04	4.7%	2351223	4.85	5.49	12.4%	2351234	3.90	3.84	1.6%	2351249	4.6	4.8	4.3%
Sn	2351209	< 1	< 1	0.0%	2351223	1	1	0.0%	2351234	1	1	0.0%	2351249	1	1	0.0%
Sr	2351209	56.7	55.5	2.1%	2351223	183	177	3.3%	2351234	227	228	0.4%	2351249	314	323	2.8%
Ta	2351209	< 0.5	< 0.5	0.0%	2351223	0.7	0.7	0.0%	2351234	0.6	0.6	0.0%	2351249	0.7	0.7	0.0%
Tb	2351209	0.19	0.21	10.0%	2351223	0.67	0.57	16.1%	2351234	0.466	0.457	2.0%	2351249	0.53	0.49	7.8%
Th	2351209	0.5	0.5	0.0%	2351223	7.5	7.6	1.3%	2351234	6.8	7.0	2.9%	2351249	7.81	7.98	2.2%
Ti	2351209	0.189	0.195	3.1%	2351223	0.438	0.421	4.0%	2351234	0.34	0.34	0.0%	2351249	0.37	0.37	0.0%
Tl	2351209	< 0.5	< 0.5	0.0%	2351223	2.6	2.5	3.9%	2351234	< 0.5	< 0.5	0.0%	2351249	< 0.5	< 0.5	0.0%
Tm	2351209	0.104	0.120	14.3%	2351223	0.25	0.28	11.3%	2351234	0.200	0.183	8.9%	2351249	0.24	0.21	13.3%
U	2351209	0.14	0.19		2351223	2.16	2.30	6.3%	2351234	1.83	1.87	2.2%	2351249	2.39	2.41	0.8%
V	2351209	130	124	4.7%	2351223	164	163	0.6%	2351234	117	115	1.7%	2351249	115	116	0.9%
W	2351209	< 1	< 1	0.0%	2351223	2	2	0.0%	2351234	< 1	< 1	0.0%	2351249	< 1	< 1	0.0%
Y	2351209	7.84	7.94	1.3%	2351223	17.1	18.5	7.9%	2351234	12.5	12.7	1.6%	2351249	14.8	14.4	2.7%
Yb	2351209	0.8	0.8	0.0%	2351223	1.8	1.8	0.0%	2351234	1.38	1.33	3.7%	2351249	1.56	1.50	3.9%
Zn	2351209	68	64	6.1%	2351223	105	109	3.7%	2351234	138	142	2.9%	2351249	144	152	5.4%
Zr	2351209	30.4	24.0	23.5%	2351223	121	128	5.6%	2351234	117	121	3.4%	2351249	135	133	1.5%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O734084

PROJECT: 2021 Surimeau DDH Batch 42

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.22	97%	90% - 110%					6.94	7.22	104%	90% - 110%	13.0	13.2	102%	90% - 110%
As	26	26	99%	90% - 110%												
Ba	540	531	98%	90% - 110%									1310	1387	106%	90% - 110%
Be	4.0	4.2	105%	90% - 110%												
Ca	0.907	0.864	95%	90% - 110%					4.01	4.15	103%	90% - 110%	1.42	1.44	101%	90% - 110%
Ce	98	105	107%	90% - 110%	58.2	60.6	104%	90% - 110%								
Co	15	15	97%	90% - 110%												
Cu	150	159	106%	90% - 110%									6.4	5.5	86%	90% - 110%
Er	3.7	3.6	97%	90% - 110%												
Fe	3.77	3.84	102%	90% - 110%					7.56	8.03	106%	90% - 110%	3.27	3.38	103%	90% - 110%
Ga					22.6	24.7	109%	90% - 110%								
Hf	11	10	89%	90% - 110%												
K	2.55	2.49	98%	90% - 110%					2.02	2.13	105%	90% - 110%	3.68	3.88	106%	90% - 110%
La	44	46	105%	90% - 110%	27.5	28.7	104%	90% - 110%								
Li	47	50	105%	90% - 110%									65.0	68.4	105%	90% - 110%
Lu	0.6	0.6	94%	90% - 110%												
Mg	1.1	1.1	96%	90% - 110%					2.41	2.54	105%	90% - 110%				
Mn	780	791	101%	90% - 110%												
Mo	14	15	107%	90% - 110%												
Nb	20	19	95%	90% - 110%	22.6	23.2	103%	90% - 110%								
Nd					27.3	29.2	107%	90% - 110%								
P													0.061	0.056	92%	90% - 110%
Pb	31	31	101%	90% - 110%												
Rb	144	145	101%	90% - 110%	85.4	92.2	108%	90% - 110%								
Sb	0.8	0.9	111%	90% - 110%												
Sc	12	12	104%	90% - 110%												
Si	28.4	29.8	105%	90% - 110%					23.65	23.15	97%	90% - 110%	24.4	26.7	110%	90% - 110%
Sm	7.4	8.1	110%	90% - 110%												
Sr	144	156	109%	90% - 110%									310	342	110%	90% - 110%
Ta	1.9	2.4	127%	90% - 110%												
Tb	1.2	1.2	99%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Th	18.4	19	103%	90% - 110%												
Ti	0.527	0.529	100%	90% - 110%									0.222	0.224	101%	90% - 110%
U	5.7	5.5	96%	90% - 110%												
V	77	79	102%	90% - 110%												
W	5	6	112%	90% - 110%												
Y	40	39	97%	90% - 110%	25.3	26.4	104%	90% - 110%								
Yb					2.66	3.04	114%	90% - 110%								
Zn	130	130	100%	90% - 110%									75.4	80.9	107%	90% - 110%
Zr	390	376	96%	90% - 110%	157	156	99%	90% - 110%								

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O734084

PROJECT: 2021 Surimeau DDH Batch 42

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O734084

PROJECT: 2021 Surimeau DDH Batch 42

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O734084

PROJECT: 2021 Surimeau DDH Batch 42

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton
PROJECT: 2021 Surimeau DDH Batch 39
AGAT WORK ORDER: 21O734087
SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician
DATE REPORTED: Sep 10, 2021
PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734087

PROJECT: 2021 Surimeau DDH Batch 39

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 10, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
47401 (2351268)	2.56
47402 (2351269)	0.98
47403 (2351270)	2.81
47404 (2351271)	2.64
47405 (2351272)	1.58
47406 (2351273)	2.85
47407 (2351274)	3.21
47408 (2351275)	0.95
47409 (2351276)	2.12
47410 (2351277)	2.02
47411 (2351278)	0.93
47412 C-DUP (2351279)	-
47413 (2351280)	3.06
47414 (2351281)	1.84
47415 (2351282)	1.74
47416 (2351283)	1.79
47417 (2351284)	3.00
47418 (2351285)	4.46
47419 (2351286)	1.62
47420 (2351287)	1.54
47421 (2351288)	3.35
47422 (2351289)	0.99
47423 (2351290)	4.38
47424 (2351291)	4.37
47425 (2351292)	3.31
47426 (2351293)	4.01
47427 (2351294)	4.24
47428 (2351295)	3.77
47429 (2351296)	3.92
47430 (2351297)	3.92
47431 (2351298)	4.39

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734087

PROJECT: 2021 Surimeau DDH Batch 39

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 10, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
47432 (2351299)	4.04
47433 (2351300)	4.02
47434 (2351301)	4.10
47435 (2351302)	4.18
47436 (2351303)	3.92
47437 (2351304)	4.18
47438 (2351305)	2.60
47439 (2351306)	2.61
47440 (2351307)	4.79
47441 (2351308)	1.52
47442 (2351309)	1.56
47443 (2351310)	4.47
47444 (2351311)	3.18
47445 C-DUP (2351312)	-
47446 (2351313)	3.41
47447 (2351314)	2.60
47448 (2351315)	3.25
47449 (2351316)	3.04
47450 (2351317)	3.33

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734087

PROJECT: 2021 Surimeau DDH Batch 39

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 10, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
47401 (2351268)	<1	9.46	<5	<20	492	<5	0.4	1.07	0.7	47.8	41.6	0.032	1.9	68
47402 (2351269)	<1	2.75	<5	26	823	<5	<0.1	9.91	<0.2	34.5	7.9	0.008	0.6	28
47403 (2351270)	<1	7.50	<5	<20	354	<5	4.6	1.15	18.2	50.0	97.5	0.024	1.1	458
47404 (2351271)	<1	8.53	<5	<20	547	<5	0.5	2.12	0.4	68.9	26.4	0.028	2.1	81
47405 (2351272)	<1	8.41	<5	<20	594	<5	0.4	1.45	0.4	51.1	29.2	0.032	2.3	107
47406 (2351273)	<1	8.91	<5	<20	594	<5	0.8	1.22	1.4	61.1	32.9	0.028	2.8	147
47407 (2351274)	<1	9.24	<5	<20	389	<5	0.3	1.39	0.4	65.9	27.4	0.027	4.7	117
47408 (2351275)	1	5.43	<5	<20	111	<5	2.3	7.99	13.8	40.1	155	0.023	0.4	513
47409 (2351276)	<1	5.24	<5	<20	481	<5	0.5	8.79	<0.2	9.7	114	0.313	3.7	256
47410 (2351277)	<1	8.34	<5	<20	361	<5	3.1	0.95	13.3	60.7	104	0.024	2.2	1050
47411 (2351278)	<1	8.44	<5	<20	1660	<5	1.1	1.88	3.5	83.3	29.2	0.013	1.1	478
47412 C-DUP (2351279)	<1	8.42	<5	<20	1650	<5	1.3	1.84	4.1	85.7	29.1	0.015	0.9	465
47413 (2351280)	<1	6.85	<5	<20	1880	<5	0.2	6.48	<0.2	95.3	49.1	0.085	10.0	112
47414 (2351281)	<1	7.24	<5	<20	612	<5	0.2	4.03	<0.2	63.9	51.5	0.120	16.0	62
47415 (2351282)	<1	6.86	<5	<20	651	<5	0.2	4.17	0.3	57.1	59.0	0.142	17.9	68
47416 (2351283)	<1	9.62	<5	<20	687	5	<0.1	3.71	<0.2	138	20.0	0.027	2.7	18
47417 (2351284)	<1	3.24	<5	<20	485	<5	0.1	5.94	<0.2	3.5	68.3	0.193	18.3	15
47418 (2351285)	<1	3.20	<5	<20	423	<5	0.5	4.72	<0.2	7.1	102	0.221	20.5	74
47419 (2351286)	<1	10.4	<5	<20	1150	5	<0.1	2.30	<0.2	96.4	11.9	0.008	3.5	83
47420 (2351287)	<1	4.34	<5	<20	153	<5	0.5	4.41	<0.2	31.1	86.3	0.230	4.8	40
47421 (2351288)	<1	3.44	<5	<20	<0.5	<5	0.3	5.61	<0.2	2.6	98.6	0.249	0.4	55
47422 (2351289)	<1	4.04	<5	<20	360	<5	<0.1	8.41	<0.2	53.6	7.0	0.010	0.6	5
47423 (2351290)	<1	3.01	<5	<20	<0.5	<5	0.5	6.76	<0.2	2.0	98.6	0.237	0.4	49
47424 (2351291)	<1	3.53	<5	<20	<0.5	<5	0.4	5.40	<0.2	1.6	105	0.257	0.3	45
47425 (2351292)	<1	3.19	<5	<20	9.0	<5	0.2	7.12	<0.2	1.8	99.3	0.227	0.6	43
47426 (2351293)	<1	5.12	<5	<20	376	<5	0.4	11.9	<0.2	3.4	119	0.381	17.2	29
47427 (2351294)	<1	9.09	<5	<20	954	<5	0.2	1.32	<0.2	52.8	26.8	0.030	12.0	45
47428 (2351295)	<1	8.07	<5	<20	329	<5	0.2	1.48	<0.2	47.5	22.0	0.030	2.9	50
47429 (2351296)	<1	7.87	<5	<20	417	<5	0.1	1.54	<0.2	50.1	22.6	0.032	3.0	55
47430 (2351297)	<1	7.99	<5	<20	546	<5	0.2	1.78	<0.2	52.3	22.2	0.030	3.2	51
47431 (2351298)	<1	8.68	<5	<20	932	7	0.1	1.36	<0.2	57.3	22.9	0.026	8.0	47
47432 (2351299)	<1	8.83	<5	<20	733	<5	0.1	1.40	<0.2	59.8	26.2	0.033	7.6	57

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734087

PROJECT: 2021 Surimeau DDH Batch 39

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 10, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
47433 (2351300)	<1	8.72	<5	<20	618	<5	0.1	1.23	<0.2	62.1	23.4	0.027	4.6	60
47434 (2351301)	<1	8.59	<5	<20	776	<5	0.3	1.03	0.2	79.2	20.0	0.025	5.1	47
47435 (2351302)	<1	9.12	<5	<20	517	<5	0.4	1.97	<0.2	71.5	29.0	0.030	4.8	109
47436 (2351303)	<1	8.39	<5	<20	407	<5	0.1	1.46	<0.2	54.0	23.0	0.028	3.2	52
47437 (2351304)	<1	7.91	<5	<20	722	<5	0.3	1.76	<0.2	54.6	26.1	0.028	3.8	48
47438 (2351305)	<1	8.95	<5	<20	907	<5	0.6	2.08	0.3	93.5	33.0	0.031	7.3	63
47439 (2351306)	<1	3.28	<5	<20	433	<5	1.8	4.38	0.3	5.3	86.9	0.200	23.3	41
47440 (2351307)	<1	3.27	<5	<20	427	<5	1.9	4.36	0.4	5.7	86.9	0.198	21.8	39
47441 (2351308)	<1	3.27	<5	<20	403	<5	0.7	4.42	0.3	5.1	86.6	0.204	26.1	17
47442 (2351309)	<1	3.28	<5	<20	407	<5	0.8	4.32	0.3	5.6	87.9	0.213	25.5	23
47443 (2351310)	<1	3.25	<5	<20	431	<5	1.3	3.83	0.2	8.5	90.3	0.205	25.7	17
47444 (2351311)	<1	3.07	<5	<20	87.2	<5	0.8	4.12	0.3	2.3	94.8	0.231	5.2	21
47445 C-DUP (2351312)	<1	3.04	<5	<20	79.1	<5	0.9	4.17	<0.2	2.1	90.9	0.229	4.6	17
47446 (2351313)	<1	3.11	<5	<20	95.2	<5	0.6	4.43	<0.2	5.5	93.9	0.224	6.1	32
47447 (2351314)	<1	3.30	<5	<20	522	<5	0.3	5.57	0.3	9.0	71.5	0.159	25.0	5
47448 (2351315)	<1	5.61	<5	<20	1380	<5	0.2	3.24	<0.2	23.2	78.2	0.184	38.9	<5
47449 (2351316)	<1	3.14	<5	<20	598	<5	0.3	6.09	0.2	1.9	81.7	0.202	22.1	<5
47450 (2351317)	<1	3.42	<5	<20	520	<5	0.3	5.33	<0.2	15.3	82.0	0.202	23.9	32

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734087

PROJECT: 2021 Surimeau DDH Batch 39

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 10, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
47401 (2351268)	3.25	1.75	1.03	4.99	22.9	3.53	3	4	0.58	<0.2	1.42	21.7	36	0.24
47402 (2351269)	2.25	1.37	0.35	2.00	9.61	2.74	2	4	0.53	<0.2	1.43	16.5	26	0.26
47403 (2351270)	3.11	1.83	1.55	7.70	30.5	3.62	1	4	0.70	4.3	1.62	23.2	29	0.26
47404 (2351271)	2.97	1.71	1.23	4.31	25.5	4.56	4	4	0.58	<0.2	1.91	34.2	49	0.23
47405 (2351272)	2.80	1.43	1.09	4.19	25.5	3.34	3	4	0.49	<0.2	2.75	25.1	57	0.26
47406 (2351273)	2.91	1.60	1.14	4.96	26.6	3.92	3	3	0.58	0.3	3.42	27.7	62	0.24
47407 (2351274)	2.69	1.40	1.16	4.72	21.4	4.06	2	4	0.62	<0.2	2.47	31.9	67	0.25
47408 (2351275)	3.51	2.25	1.58	7.97	21.4	3.71	3	3	0.72	1.9	0.39	18.6	<10	0.38
47409 (2351276)	2.74	1.76	0.42	7.75	13.0	2.30	3	1	0.55	<0.2	1.89	4.6	30	0.27
47410 (2351277)	3.49	2.23	1.36	7.71	30.0	4.76	3	3	0.73	2.9	1.15	28.5	30	0.29
47411 (2351278)	2.73	1.33	1.72	3.22	32.7	5.23	3	5	0.50	0.9	1.34	41.1	16	0.17
47412 C-DUP (2351279)	2.94	1.50	1.45	3.24	32.7	4.69	3	5	0.42	0.9	1.33	42.2	15	0.19
47413 (2351280)	4.81	2.57	1.50	7.66	28.4	7.13	1	4	0.78	<0.2	2.20	43.3	77	0.32
47414 (2351281)	1.96	0.82	1.06	5.17	18.3	3.55	1	4	0.32	<0.2	2.02	30.2	101	0.10
47415 (2351282)	1.73	0.67	0.97	5.36	15.7	3.24	2	4	0.34	<0.2	2.16	26.3	107	0.12
47416 (2351283)	3.37	1.59	2.08	4.12	24.8	7.39	1	6	0.60	<0.2	0.57	65.5	34	0.13
47417 (2351284)	1.33	0.96	<0.05	6.42	14.1	1.14	1	<1	0.28	<0.2	2.14	1.4	78	0.14
47418 (2351285)	1.11	0.81	<0.05	6.72	11.5	0.93	2	<1	0.20	<0.2	2.79	3.3	75	0.07
47419 (2351286)	2.45	0.90	1.74	3.44	20.1	5.76	1	7	0.39	<0.2	0.85	43.1	36	0.08
47420 (2351287)	1.64	1.03	0.27	7.65	15.0	1.89	2	2	0.26	<0.2	0.65	14.8	51	0.10
47421 (2351288)	1.30	0.91	0.18	7.73	10.7	1.22	2	<1	0.35	<0.2	<0.05	1.2	<10	0.10
47422 (2351289)	3.90	2.07	0.77	1.99	13.8	4.76	1	4	0.73	<0.2	1.92	23.8	24	0.32
47423 (2351290)	1.39	0.91	<0.05	7.33	7.47	1.04	1	<1	0.29	<0.2	<0.05	0.8	<10	0.10
47424 (2351291)	1.49	0.83	<0.05	7.92	8.48	1.01	2	<1	0.27	<0.2	<0.05	0.6	<10	0.12
47425 (2351292)	1.31	0.97	0.07	7.42	8.18	1.38	2	<1	0.30	<0.2	0.11	0.7	<10	0.15
47426 (2351293)	2.34	1.47	0.46	8.98	10.2	1.81	<1	<1	0.49	<0.2	2.17	1.7	85	0.22
47427 (2351294)	2.66	1.32	0.70	4.59	22.2	3.56	2	4	0.45	<0.2	2.88	25.6	57	0.24
47428 (2351295)	2.29	1.31	0.71	3.70	20.0	2.54	1	5	0.46	<0.2	1.21	22.9	38	0.20
47429 (2351296)	2.55	1.08	0.91	3.79	19.9	3.16	1	4	0.46	<0.2	1.26	23.4	39	0.18
47430 (2351297)	2.68	1.39	0.79	3.92	22.4	2.92	1	4	0.48	<0.2	1.71	24.8	47	0.20
47431 (2351298)	2.81	1.56	0.74	4.18	23.1	3.59	<1	4	0.52	<0.2	2.53	28.1	61	0.22
47432 (2351299)	2.72	1.67	0.79	4.37	25.9	3.74	1	4	0.48	<0.2	1.98	28.4	54	0.20

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734087

PROJECT: 2021 Surimeau DDH Batch 39

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 10, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
47433 (2351300)	2.71	1.51	0.98	3.92	24.0	3.83	<1	4	0.54	<0.2	1.85	29.5	52	0.20
47434 (2351301)	4.16	2.57	0.87	3.63	28.4	4.84	1	4	0.79	<0.2	2.60	37.9	55	0.29
47435 (2351302)	3.40	1.71	1.03	4.77	27.7	4.03	2	5	0.57	<0.2	1.72	33.3	39	0.27
47436 (2351303)	2.59	1.45	0.96	3.75	20.6	3.46	2	5	0.50	<0.2	1.52	26.4	42	0.20
47437 (2351304)	2.58	1.44	1.00	4.10	20.0	3.69	<1	4	0.53	<0.2	1.94	26.1	52	0.22
47438 (2351305)	3.65	1.52	1.59	4.70	26.2	6.10	<1	4	0.73	<0.2	1.64	43.9	39	0.24
47439 (2351306)	1.48	0.65	<0.05	6.91	10.5	1.32	4	<1	0.29	<0.2	3.10	2.2	81	0.10
47440 (2351307)	1.28	0.90	<0.05	6.85	12.7	1.11	4	<1	0.30	<0.2	3.07	2.4	81	0.09
47441 (2351308)	1.08	0.75	<0.05	6.40	12.5	1.01	3	<1	0.23	<0.2	3.23	2.2	70	0.11
47442 (2351309)	0.96	0.59	<0.05	6.56	12.6	1.01	4	<1	0.24	<0.2	3.31	2.5	72	0.12
47443 (2351310)	1.16	0.72	0.07	6.70	14.6	1.52	4	<1	0.24	<0.2	3.20	2.9	73	0.13
47444 (2351311)	1.07	0.67	0.11	6.91	12.1	0.84	3	<1	0.22	<0.2	0.66	0.7	16	0.10
47445 C-DUP (2351312)	1.04	0.68	<0.05	6.92	9.31	0.76	2	<1	0.20	<0.2	0.62	0.8	15	0.08
47446 (2351313)	1.16	0.63	<0.05	6.82	11.1	0.98	2	<1	0.23	<0.2	0.73	2.4	19	0.10
47447 (2351314)	1.96	0.97	0.34	6.56	15.4	1.76	4	<1	0.37	<0.2	2.93	3.7	97	0.13
47448 (2351315)	1.96	1.38	0.34	8.55	31.1	2.54	2	1	0.39	<0.2	4.58	10.3	212	0.13
47449 (2351316)	1.16	0.73	0.22	6.14	13.9	0.84	4	<1	0.27	<0.2	2.57	0.7	106	0.11
47450 (2351317)	1.26	0.75	<0.05	6.31	17.9	1.59	2	<1	0.29	<0.2	2.66	6.9	94	0.12

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734087

PROJECT: 2021 Surimeau DDH Batch 39

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 10, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
47401 (2351268)	1.84	409	<2	6	22.7	116	0.06	20	5.98	62.1	2.18	<0.1	18	29.1
47402 (2351269)	5.45	652	<2	5	15.5	18	0.02	<5	3.82	42.7	0.24	0.1	<5	25.2
47403 (2351270)	1.33	262	10	6	23.6	274	0.04	112	6.22	62.8	4.93	0.3	16	24.7
47404 (2351271)	2.25	612	2	6	32.2	99	0.08	26	8.76	81.5	2.22	<0.1	15	31.5
47405 (2351272)	2.01	480	<2	6	24.5	113	0.05	38	6.33	108	2.16	0.2	14	31.0
47406 (2351273)	1.97	576	2	6	29.4	134	0.06	39	7.05	129	2.55	<0.1	18	27.8
47407 (2351274)	1.96	721	<2	6	30.2	125	0.06	10	7.84	97.1	1.29	0.2	16	31.4
47408 (2351275)	0.45	1190	51	4	19.9	1460	0.03	92	5.06	13.9	5.43	<0.1	11	25.0
47409 (2351276)	3.56	2970	<2	1	6.9	1410	<0.01	15	1.36	70.7	3.24	0.2	32	23.5
47410 (2351277)	1.42	440	18	5	30.4	422	0.05	56	7.16	49.8	4.92	<0.1	18	26.3
47411 (2351278)	1.04	309	17	6	39.9	106	0.07	53	10.7	38.0	1.64	<0.1	6	33.3
47412 C-DUP (2351279)	1.03	310	19	7	40.3	111	0.07	53	10.3	35.4	1.64	0.2	6	33.2
47413 (2351280)	6.39	1610	4	6	52.3	241	0.26	19	12.5	117	1.03	<0.1	29	24.9
47414 (2351281)	7.68	1030	<2	3	30.9	593	0.05	21	8.18	88.8	0.35	<0.1	11	27.6
47415 (2351282)	8.38	1090	<2	2	29.4	759	0.02	21	7.23	97.1	0.35	<0.1	12	26.5
47416 (2351283)	2.76	841	<2	5	66.4	66	0.19	34	16.8	24.8	0.14	<0.1	14	28.2
47417 (2351284)	12.9	1240	<2	1	2.9	911	<0.01	<5	0.56	103	0.25	0.2	17	25.3
47418 (2351285)	13.9	1100	<2	<1	4.2	1390	<0.01	<5	0.81	139	0.52	<0.1	18	25.2
47419 (2351286)	2.32	320	<2	8	50.0	44	0.05	44	11.9	35.6	0.09	0.2	<5	28.5
47420 (2351287)	14.9	1370	<2	2	15.5	1090	<0.01	<5	3.87	32.7	0.34	0.2	20	22.9
47421 (2351288)	15.2	1390	<2	<1	2.3	1080	<0.01	<5	0.35	1.0	0.44	<0.1	24	22.4
47422 (2351289)	4.91	575	<2	5	28.0	33	0.08	5	6.85	47.1	0.20	<0.1	<5	28.4
47423 (2351290)	15.4	1630	<2	<1	1.8	1430	<0.01	<5	0.34	1.9	0.43	0.2	19	21.2
47424 (2351291)	15.2	1460	<2	<1	1.8	1350	<0.01	<5	0.30	0.9	0.36	<0.1	22	21.5
47425 (2351292)	14.1	1610	<2	<1	2.1	1190	<0.01	<5	0.37	5.7	0.33	<0.1	21	21.5
47426 (2351293)	9.60	2890	<2	<1	2.8	1470	<0.01	11	0.55	132	0.30	0.1	36	13.5
47427 (2351294)	1.91	597	<2	7	25.8	123	0.07	15	6.45	126	0.28	<0.1	15	32.1
47428 (2351295)	1.60	494	5	5	21.1	86	0.06	17	5.86	44.6	0.50	0.1	10	34.1
47429 (2351296)	1.62	505	<2	5	22.7	83	0.05	15	5.84	53.3	0.67	<0.1	10	33.0
47430 (2351297)	1.83	582	<2	5	22.3	87	0.06	16	6.18	65.7	0.37	<0.1	11	32.8
47431 (2351298)	1.72	600	<2	7	25.5	90	0.06	16	6.89	103	0.26	0.4	13	33.2
47432 (2351299)	1.96	548	2	7	29.0	115	0.07	18	7.03	79.8	0.36	<0.1	13	31.9

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734087

PROJECT: 2021 Surimeau DDH Batch 39

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 10, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
47433 (2351300)	1.60	495	3	6	27.6	90	0.04	25	7.36	77.1	0.39	0.3	11	33.1
47434 (2351301)	1.66	438	4	10	35.8	83	0.05	24	9.07	103	0.34	<0.1	11	33.2
47435 (2351302)	2.11	585	2	6	32.6	116	0.09	20	8.96	64.7	1.03	0.4	15	29.1
47436 (2351303)	1.58	486	<2	5	24.3	85	0.04	17	6.57	55.6	0.41	<0.1	10	33.5
47437 (2351304)	1.87	589	<2	6	24.0	89	0.06	17	6.35	83.9	0.25	0.1	13	30.1
47438 (2351305)	2.65	637	3	6	47.3	137	0.13	17	11.2	78.4	0.42	<0.1	15	30.1
47439 (2351306)	12.7	1250	<2	1	3.8	1130	<0.01	<5	0.73	145	0.60	0.2	18	24.3
47440 (2351307)	13.0	1230	<2	1	3.5	1120	<0.01	<5	0.94	148	0.60	<0.1	18	24.1
47441 (2351308)	13.3	1170	<2	<1	3.4	1110	<0.01	<5	0.68	161	0.31	0.2	18	25.1
47442 (2351309)	13.6	1190	10	1	3.6	1190	<0.01	<5	0.75	161	0.35	<0.1	20	25.2
47443 (2351310)	13.7	1270	<2	1	4.7	1320	0.02	<5	1.20	169	0.33	<0.1	17	24.8
47444 (2351311)	15.4	1570	<2	<1	1.4	1470	<0.01	<5	0.41	33.3	0.40	<0.1	17	24.5
47445 C-DUP (2351312)	15.4	1600	<2	<1	1.7	1450	<0.01	<5	0.30	31.7	0.38	0.2	17	24.6
47446 (2351313)	15.3	1360	<2	<1	3.6	1370	<0.01	<5	0.78	36.6	0.47	0.2	19	24.3
47447 (2351314)	12.6	1280	<2	2	5.9	979	<0.01	<5	1.42	148	0.23	0.3	18	25.0
47448 (2351315)	11.3	1200	<2	3	11.9	1030	<0.01	6	3.06	256	0.10	<0.1	24	21.6
47449 (2351316)	12.8	1360	<2	1	1.6	1200	<0.01	<5	0.34	142	0.13	<0.1	17	25.3
47450 (2351317)	13.3	1110	<2	1	8.6	1080	0.03	6	1.82	146	0.33	0.3	19	24.3

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734087

PROJECT: 2021 Surimeau DDH Batch 39

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 10, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
47401 (2351268)	4.1	6	216	<0.5	0.59	8.9	0.41	1.1	0.19	3.02	151	<1	16.0	1.5
47402 (2351269)	3.2	<1	112	<0.5	0.42	4.2	0.26	<0.5	0.21	1.24	51	<1	13.8	1.5
47403 (2351270)	4.8	13	243	<0.5	0.59	6.9	0.37	1.2	0.31	2.13	126	1	18.4	1.9
47404 (2351271)	6.1	5	345	<0.5	0.62	8.0	0.40	1.7	0.19	2.52	133	<1	17.1	1.7
47405 (2351272)	5.2	10	155	<0.5	0.47	7.6	0.37	2.4	0.18	2.61	124	1	14.4	1.3
47406 (2351273)	5.1	8	143	<0.5	0.53	7.9	0.39	2.8	0.22	2.39	144	3	14.9	1.5
47407 (2351274)	5.4	3	152	<0.5	0.56	8.5	0.39	2.5	0.23	2.68	141	<1	15.7	1.6
47408 (2351275)	4.8	16	177	<0.5	0.59	3.5	0.25	<0.5	0.32	1.16	54	<1	20.4	2.0
47409 (2351276)	2.1	4	239	<0.5	0.37	0.8	0.32	1.7	0.22	0.37	224	<1	15.6	1.6
47410 (2351277)	6.0	4	128	<0.5	0.64	7.3	0.37	1.1	0.31	2.25	145	<1	19.0	1.9
47411 (2351278)	7.6	7	920	<0.5	0.58	8.2	0.32	<0.5	0.18	2.74	74	<1	12.3	1.0
47412 C-DUP (2351279)	7.8	6	921	<0.5	0.59	8.1	0.32	0.6	0.15	2.73	73	<1	13.4	1.0
47413 (2351280)	9.8	4	793	<0.5	0.87	7.0	0.53	1.2	0.33	2.16	246	<1	23.8	1.9
47414 (2351281)	5.8	2	1320	<0.5	0.39	5.8	0.26	0.9	0.10	1.79	98	<1	9.0	0.5
47415 (2351282)	4.6	1	1180	<0.5	0.37	5.0	0.24	0.9	0.11	1.63	105	<1	8.9	0.6
47416 (2351283)	12.3	3	2120	<0.5	0.86	11.2	0.42	<0.5	0.22	3.27	128	<1	16.8	1.3
47417 (2351284)	0.8	<1	103	<0.5	0.20	0.3	0.17	1.1	0.12	0.28	128	<1	6.8	0.8
47418 (2351285)	0.6	<1	41.0	<0.5	0.16	0.3	0.17	1.6	0.10	0.13	124	<1	6.1	0.6
47419 (2351286)	8.4	2	2530	0.6	0.65	10.6	0.36	<0.5	0.10	3.97	61	<1	11.6	0.7
47420 (2351287)	2.4	<1	32.2	<0.5	0.26	1.0	0.26	0.5	0.11	0.36	156	<1	8.5	0.8
47421 (2351288)	0.6	<1	59.3	<0.5	0.21	0.1	0.20	<0.5	0.13	0.08	177	<1	8.7	0.9
47422 (2351289)	5.8	2	232	<0.5	0.65	5.8	0.26	<0.5	0.32	1.50	44	<1	20.2	1.8
47423 (2351290)	0.6	<1	169	<0.5	0.17	<0.1	0.18	<0.5	0.11	0.06	135	<1	7.7	0.9
47424 (2351291)	0.9	<1	90.2	<0.5	0.23	0.1	0.21	<0.5	0.14	0.08	161	<1	7.4	0.8
47425 (2351292)	0.7	1	101	<0.5	0.22	0.1	0.19	<0.5	0.12	0.12	144	<1	8.4	0.9
47426 (2351293)	1.0	<1	282	<0.5	0.32	0.1	0.30	1.5	0.23	0.27	238	<1	12.2	1.6
47427 (2351294)	3.9	3	188	1.4	0.41	8.4	0.39	0.8	0.22	3.01	135	1	14.0	1.4
47428 (2351295)	3.2	2	326	0.5	0.40	9.1	0.33	<0.5	0.15	2.83	98	<1	12.6	1.3
47429 (2351296)	4.2	2	358	0.6	0.40	9.2	0.33	<0.5	0.19	3.06	100	<1	12.3	1.3
47430 (2351297)	3.5	1	318	0.6	0.47	9.1	0.34	<0.5	0.20	3.10	108	7	12.9	1.4
47431 (2351298)	4.4	3	214	1.9	0.47	8.7	0.37	0.7	0.23	3.29	121	1	14.3	1.5
47432 (2351299)	5.0	2	363	0.6	0.45	8.6	0.39	0.5	0.24	2.82	125	<1	14.5	1.3

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734087

PROJECT: 2021 Surimeau DDH Batch 39

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 10, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
47433 (2351300)	4.8	2	381	0.7	0.54	9.0	0.34	<0.5	0.24	3.06	108	<1	15.2	1.5
47434 (2351301)	5.8	2	210	1.0	0.74	13.1	0.31	0.7	0.37	3.98	99	1	21.3	2.4
47435 (2351302)	6.1	3	439	0.7	0.58	10.9	0.39	<0.5	0.26	3.18	132	<1	16.5	1.6
47436 (2351303)	4.1	<1	331	0.9	0.42	8.9	0.32	<0.5	0.17	2.83	98	<1	13.5	1.5
47437 (2351304)	4.6	1	289	0.8	0.48	8.1	0.36	<0.5	0.25	2.56	118	<1	14.6	1.5
47438 (2351305)	8.3	1	516	0.6	0.69	10.9	0.42	0.6	0.21	3.61	139	<1	17.6	1.3
47439 (2351306)	0.9	2	37.2	<0.5	0.22	0.5	0.21	1.5	0.09	0.30	149	<1	7.9	0.8
47440 (2351307)	1.1	2	37.0	<0.5	0.19	0.5	0.21	1.5	0.13	0.23	146	<1	8.1	0.8
47441 (2351308)	0.9	<1	45.0	<0.5	0.17	0.4	0.18	1.6	0.09	0.19	125	<1	6.4	0.6
47442 (2351309)	0.7	1	41.7	<0.5	0.21	0.5	0.19	1.6	0.11	0.17	130	1	6.8	0.7
47443 (2351310)	1.2	1	40.3	<0.5	0.21	0.8	0.21	1.7	0.12	0.29	123	<1	7.5	0.8
47444 (2351311)	0.6	<1	36.5	<0.5	0.14	<0.1	0.16	<0.5	0.07	0.13	118	<1	5.2	0.7
47445 C-DUP (2351312)	0.8	<1	36.9	<0.5	0.15	0.1	0.16	<0.5	0.06	0.09	115	<1	5.2	0.5
47446 (2351313)	1.1	<1	44.0	<0.5	0.23	0.4	0.17	<0.5	0.10	0.18	124	<1	6.7	0.8
47447 (2351314)	1.7	<1	76.0	<0.5	0.27	1.1	0.20	1.3	0.13	0.25	139	<1	10.3	0.9
47448 (2351315)	2.2	2	66.0	<0.5	0.38	2.4	0.45	2.5	0.15	0.41	219	<1	10.2	0.9
47449 (2351316)	0.7	1	71.7	<0.5	0.20	<0.1	0.16	1.4	0.13	0.12	134	<1	6.3	0.7
47450 (2351317)	1.5	<1	79.5	<0.5	0.25	1.1	0.22	1.4	0.12	0.35	136	<1	7.4	0.8

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734087

PROJECT: 2021 Surimeau DDH Batch 39

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 10, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
47401 (2351268)	359	141
47402 (2351269)	27	161
47403 (2351270)	10100	130
47404 (2351271)	180	148
47405 (2351272)	244	133
47406 (2351273)	896	124
47407 (2351274)	159	127
47408 (2351275)	7210	112
47409 (2351276)	165	38.3
47410 (2351277)	7850	113
47411 (2351278)	2420	172
47412 C-DUP (2351279)	2370	179
47413 (2351280)	240	145
47414 (2351281)	140	147
47415 (2351282)	141	127
47416 (2351283)	90	236
47417 (2351284)	98	27.0
47418 (2351285)	64	21.6
47419 (2351286)	43	254
47420 (2351287)	86	66.4
47421 (2351288)	62	17.7
47422 (2351289)	41	157
47423 (2351290)	58	20.4
47424 (2351291)	62	15.0
47425 (2351292)	60	15.5
47426 (2351293)	104	26.2
47427 (2351294)	97	135
47428 (2351295)	86	162
47429 (2351296)	107	152
47430 (2351297)	107	166
47431 (2351298)	91	138
47432 (2351299)	104	154

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734087

PROJECT: 2021 Surimeau DDH Batch 39

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 10, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
47433 (2351300)	107	145
47434 (2351301)	89	149
47435 (2351302)	129	174
47436 (2351303)	89	152
47437 (2351304)	88	142
47438 (2351305)	176	161
47439 (2351306)	184	25.2
47440 (2351307)	188	20.5
47441 (2351308)	119	19.0
47442 (2351309)	120	22.5
47443 (2351310)	68	31.1
47444 (2351311)	68	14.6
47445 C-DUP (2351312)	69	13.3
47446 (2351313)	79	17.0
47447 (2351314)	162	22.5
47448 (2351315)	257	50.5
47449 (2351316)	133	11.2
47450 (2351317)	75	31.9

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734087

PROJECT: 2021 Surimeau DDH Batch 39

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 10, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
47401 (2351268)	75.15
47420 (2351287)	78.86
47440 (2351307)	78.82

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734087

PROJECT: 2021 Surimeau DDH Batch 39

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 10, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
47401 (2351268)	89.23
47438 (2351305)	86.36

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O734087

PROJECT: 2021 Surimeau DDH Batch 39

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2351268	< 1	< 1	0.0%	2351282	< 1	< 1	0.0%	2351293	< 1	< 1	0.0%	2351308	< 1	< 1	0.0%
Al	2351268	9.46	9.46	0.0%	2351282	6.86	6.82	0.6%	2351293	5.12	5.18	1.2%	2351308	3.27	3.16	3.4%
As	2351268	< 5	< 5	0.0%	2351282	< 5	< 5	0.0%	2351293	< 5	< 5	0.0%	2351308	< 5	< 5	0.0%
B	2351268	< 20	< 20	0.0%	2351282	< 20	< 20	0.0%	2351293	< 20	< 20	0.0%	2351308	< 20	< 20	0.0%
Ba	2351268	492	481	2.3%	2351282	651	649	0.3%	2351293	376	398	5.7%	2351308	403	399	1.0%
Be	2351268	< 5	< 5	0.0%	2351282	< 5	< 5	0.0%	2351293	< 5	< 5	0.0%	2351308	< 5	< 5	0.0%
Bi	2351268	0.45	0.53	16.3%	2351282	0.2	0.1		2351293	0.4	0.4	0.0%	2351308	0.7	0.7	0.0%
Ca	2351268	1.07	1.07	0.0%	2351282	4.17	4.15	0.5%	2351293	11.9	12.0	0.8%	2351308	4.42	4.30	2.8%
Cd	2351268	0.7	0.4		2351282	0.3	< 0.2		2351293	< 0.2	< 0.2	0.0%	2351308	0.3	0.3	0.0%
Ce	2351268	47.8	45.6	4.7%	2351282	57.1	56.9	0.4%	2351293	3.4	3.4	0.0%	2351308	5.1	5.3	3.8%
Co	2351268	41.6	40.4	2.9%	2351282	59.0	57.2	3.1%	2351293	119	118	0.8%	2351308	86.6	83.2	4.0%
Cr	2351268	0.0319	0.0273	15.5%	2351282	0.142	0.139	2.1%	2351293	0.381	0.391	2.6%	2351308	0.204	0.202	1.0%
Cs	2351268	1.9	1.7	11.1%	2351282	17.9	17.3	3.4%	2351293	17.2	18.8	8.9%	2351308	26.1	25.3	3.1%
Cu	2351268	68	70	2.9%	2351282	68	66	3.0%	2351293	29	33	12.9%	2351308	17	18	5.7%
Dy	2351268	3.25	3.12	4.1%	2351282	1.73	1.94	11.4%	2351293	2.34	2.29	2.2%	2351308	1.08	1.23	13.0%
Er	2351268	1.75	1.86	6.1%	2351282	0.675	0.762	12.1%	2351293	1.47	1.57	6.6%	2351308	0.748	0.723	3.4%
Eu	2351268	1.03	1.32	24.7%	2351282	0.971	1.06	8.8%	2351293	0.46	0.57	21.4%	2351308	< 0.05	< 0.05	0.0%
Fe	2351268	4.99	5.07	1.6%	2351282	5.36	5.32	0.7%	2351293	8.98	9.04	0.7%	2351308	6.40	6.28	1.9%
Ga	2351268	22.9	26.4	14.2%	2351282	15.7	20.7	27.5%	2351293	10.2	9.21	10.2%	2351308	12.5	15.2	19.5%
Gd	2351268	3.53	3.61	2.2%	2351282	3.24	3.29	1.5%	2351293	1.81	1.66	8.6%	2351308	1.01	0.993	1.7%
Ge	2351268	3	4	28.6%	2351282	2	2	0.0%	2351293	< 1	< 1	0.0%	2351308	3	4	28.6%
Hf	2351268	4	4	0.0%	2351282	4	3	28.6%	2351293	< 1	< 1	0.0%	2351308	< 1	< 1	0.0%
Ho	2351268	0.584	0.652	11.0%	2351282	0.338	0.265	24.2%	2351293	0.49	0.50	2.0%	2351308	0.23	0.24	4.3%
In	2351268	< 0.2	< 0.2	0.0%	2351282	< 0.2	< 0.2	0.0%	2351293	< 0.2	< 0.2	0.0%	2351308	< 0.2	< 0.2	0.0%
K	2351268	1.42	1.40	1.4%	2351282	2.16	2.16	0.0%	2351293	2.17	2.20	1.4%	2351308	3.23	3.14	2.8%
La	2351268	21.7	22.2	2.3%	2351282	26.3	26.1	0.8%	2351293	1.7	1.5	12.5%	2351308	2.2	2.3	4.4%
Li	2351268	36	37	2.7%	2351282	107	106	0.9%	2351293	85	86	1.2%	2351308	70	69	1.4%
Lu	2351268	0.243	0.245	0.8%	2351282	0.12	0.14	15.4%	2351293	0.22	0.21	4.7%	2351308	0.109	0.127	15.3%
Mg	2351268	1.84	1.88	2.2%	2351282	8.38	8.30	1.0%	2351293	9.60	10.0	4.1%	2351308	13.3	13.5	1.5%
Mn	2351268	409	417	1.9%	2351282	1090	1090	0.0%	2351293	2890	2940	1.7%	2351308	1170	1150	1.7%
Mo	2351268	< 2	< 2	0.0%	2351282	< 2	< 2	0.0%	2351293	< 2	< 2	0.0%	2351308	< 2	2	

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2351268	6	6	0.0%	2351282	2	2	0.0%	2351293	< 1	< 1	0.0%	2351308	< 1	1	
Nd	2351268	22.7	22.5	0.9%	2351282	29.4	26.7	9.6%	2351293	2.8	2.7	3.6%	2351308	3.37	3.28	2.7%
Ni	2351268	116	116	0.0%	2351282	759	741	2.4%	2351293	1470	1540	4.7%	2351308	1110	1100	0.9%
P	2351268	0.061	0.068	10.9%	2351282	0.02	0.04		2351293	< 0.01	< 0.01	0.0%	2351308	< 0.01	< 0.01	0.0%
Pb	2351268	20	18	10.5%	2351282	21	20	4.9%	2351293	11	13	16.7%	2351308	< 5	< 5	0.0%
Pr	2351268	5.98	5.71	4.6%	2351282	7.23	6.88	5.0%	2351293	0.55	0.61	10.3%	2351308	0.68	0.67	1.5%
Rb	2351268	62.1	65.7	5.6%	2351282	97.1	89.7	7.9%	2351293	132	125	5.4%	2351308	161	163	1.2%
S	2351268	2.18	2.28	4.5%	2351282	0.35	0.35	0.0%	2351293	0.301	0.305	1.3%	2351308	0.309	0.295	4.6%
Sb	2351268	< 0.1	0.2		2351282	< 0.1	0.1		2351293	0.1	< 0.1		2351308	0.2	< 0.1	
Sc	2351268	18	18	0.0%	2351282	12	12	0.0%	2351293	36	37	2.7%	2351308	18	18	0.0%
Si	2351268	29.1	29.3	0.7%	2351282	26.5	26.4	0.4%	2351293	13.5	13.3	1.5%	2351308	25.1	24.4	2.8%
Sm	2351268	4.1	4.4	7.1%	2351282	4.63	4.96	6.9%	2351293	0.99	0.93	6.3%	2351308	0.9	0.9	0.0%
Sn	2351268	6	5	18.2%	2351282	1	1	0.0%	2351293	< 1	2		2351308	< 1	< 1	0.0%
Sr	2351268	216	217	0.5%	2351282	1180	1160	1.7%	2351293	282	287	1.8%	2351308	45.0	43.6	3.2%
Ta	2351268	< 0.5	< 0.5	0.0%	2351282	< 0.5	< 0.5	0.0%	2351293	< 0.5	< 0.5	0.0%	2351308	< 0.5	< 0.5	0.0%
Tb	2351268	0.592	0.610	3.0%	2351282	0.372	0.399	7.0%	2351293	0.32	0.30	6.5%	2351308	0.17	0.19	11.1%
Th	2351268	8.9	8.7	2.3%	2351282	5.0	4.7	6.2%	2351293	0.1	< 0.1		2351308	0.39	0.46	16.5%
Ti	2351268	0.413	0.417	1.0%	2351282	0.24	0.24	0.0%	2351293	0.30	0.30	0.0%	2351308	0.177	0.174	1.7%
Tl	2351268	1.1	1.1	0.0%	2351282	0.91	0.96	5.3%	2351293	1.5	1.5	0.0%	2351308	1.6	1.6	0.0%
Tm	2351268	0.19	0.24	23.3%	2351282	0.11	0.10	9.5%	2351293	0.231	0.191	19.0%	2351308	0.095	0.101	6.1%
U	2351268	3.02	2.88	4.7%	2351282	1.63	1.31	21.8%	2351293	0.270	0.242	10.9%	2351308	0.19	0.13	
V	2351268	151	153	1.3%	2351282	105	106	0.9%	2351293	238	251	5.3%	2351308	125	123	1.6%
W	2351268	< 1	< 1	0.0%	2351282	< 1	< 1	0.0%	2351293	< 1	< 1	0.0%	2351308	< 1	< 1	0.0%
Y	2351268	16.0	16.9	5.5%	2351282	8.86	7.81	12.6%	2351293	12.2	12.9	5.6%	2351308	6.4	6.5	1.6%
Yb	2351268	1.5	1.5	0.0%	2351282	0.64	0.66	3.1%	2351293	1.57	1.38	12.9%	2351308	0.62	0.70	12.1%
Zn	2351268	359	360	0.3%	2351282	141	146	3.5%	2351293	104	98	5.9%	2351308	119	112	6.1%
Zr	2351268	141	141	0.0%	2351282	127	118	7.3%	2351293	26.2	26.5	1.1%	2351308	19.0	23.0	19.0%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O734087

PROJECT: 2021 Surimeau DDH Batch 39

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.47	100%	90% - 110%					6.94	7.17	103%	90% - 110%	13.0	13.3	102%	90% - 110%
As	26	27	105%	90% - 110%												
Ba	540	548	101%	90% - 110%									1310	1424	109%	90% - 110%
Be	4.0	4.5	111%	90% - 110%												
Ca	0.907	0.936	103%	90% - 110%					4.01	4.21	105%	90% - 110%	1.42	1.47	104%	90% - 110%
Ce	98	103	105%	90% - 110%	58.2	61.1	105%	90% - 110%								
Co	15	15	98%	90% - 110%												
Cu	150	162	108%	90% - 110%												
Er	3.7	4.3	117%	90% - 110%												
Fe	3.77	4.05	108%	90% - 110%					7.56	8.12	107%	90% - 110%	3.27	3.48	107%	90% - 110%
Ga					22.6	27.2	120%	90% - 110%								
Hf	11	10	94%	90% - 110%												
K	2.55	2.68	105%	90% - 110%					2.02	2.2	109%	90% - 110%	3.68	4.07	111%	90% - 110%
La	44	45	103%	90% - 110%	27.5	28.5	104%	90% - 110%								
Li	47	48	101%	90% - 110%									65.0	69.8	107%	90% - 110%
Lu	0.6	0.5	79%	90% - 110%												
Mg	1.1	1.1	97%	90% - 110%					2.41	2.51	104%	90% - 110%				
Mn	780	812	104%	90% - 110%												
Mo	14	14	101%	90% - 110%												
Nb	20	17	85%	90% - 110%	22.6	22.7	101%	90% - 110%								
Nd					27.3	28	103%	90% - 110%								
Ni	32	40	125%	90% - 110%												
P													0.061	0.057	93%	90% - 110%
Pb	31	33	108%	90% - 110%												
Rb	144	156	108%	90% - 110%	85.4	96.7	113%	90% - 110%								
Sb	0.8	0.9	107%	90% - 110%												
Sc	12	10	83%	90% - 110%												
Si	28.4	29	102%	90% - 110%					23.65	25.62	108%	90% - 110%	24.4	26.5	108%	90% - 110%
Sm	7.4	8.5	114%	90% - 110%												
Sr	144	158	109%	90% - 110%									310	338	109%	90% - 110%
Ta	1.9	2.2	115%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Tb	1.2	1.2	96%	90% - 110%												
Th	18.4	21.4	116%	90% - 110%												
Ti	0.527	0.546	104%	90% - 110%									0.222	0.228	103%	90% - 110%
U	5.7	6.6	116%	90% - 110%												
V	77	82	107%	90% - 110%												
W	5	5	105%	90% - 110%												
Y	40	40	99%	90% - 110%	25.3	28.7	114%	90% - 110%								
Yb					2.66	2.79	105%	90% - 110%								
Zn	130	123	95%	90% - 110%									75.4	82.8	110%	90% - 110%
Zr	390	361	92%	90% - 110%	157	158	101%	90% - 110%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O734087

PROJECT: 2021 Surimeau DDH Batch 39

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O734087

PROJECT: 2021 Surimeau DDH Batch 39

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O734087

PROJECT: 2021 Surimeau DDH Batch 39

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton
PROJECT: 2021 Surimeau DDH Batch 40
AGAT WORK ORDER: 21O734088
SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician
DATE REPORTED: Sep 21, 2021
PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734088

PROJECT: 2021 Surimeau DDH Batch 40

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
47451 (2351331)	4.32
47452 (2351332)	0.82
47453 (2351333)	4.49
47454 (2351334)	5.03
47455 (2351335)	0.06
47456 (2351336)	5.57
47457 (2351337)	4.77
47458 (2351338)	5.09
47459 (2351339)	4.95
47460 (2351340)	5.65
47461 (2351341)	4.80
47462 C-DUP (2351342)	-
47463 (2351343)	4.26
47464 (2351344)	2.52
47465 (2351345)	2.51
47466 (2351346)	5.25
47467 (2351347)	1.79
47468 (2351348)	3.85
47469 (2351349)	5.08
47470 (2351350)	5.09
47471 (2351351)	5.23
47472 (2351352)	0.93
47473 (2351353)	5.00
47474 (2351354)	4.48
47475 (2351355)	5.12
47476 (2351356)	4.49
47477 (2351357)	4.92
47478 (2351358)	5.48
47479 (2351359)	4.66
47480 (2351360)	4.30
47481 (2351361)	4.33

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734088

PROJECT: 2021 Surimeau DDH Batch 40

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
47482 (2351362)		5.06
47483 (2351363)		5.14
47484 (2351364)		4.85
47485 (2351365)		4.84
47486 (2351366)		5.14
47487 (2351367)		4.91
47488 (2351368)		5.46
47489 (2351369)		4.81
47490 (2351370)		4.50
47491 (2351371)		2.55
47492 (2351372)		2.56
47493 (2351373)		4.85
47494 (2351374)		5.28
47495 C-DUP (2351375)		-
47496 (2351376)		3.71
47497 (2351377)		1.90
47498 (2351378)		4.10
47499 (2351379)		4.51
47500 (2351380)		4.44

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734088

PROJECT: 2021 Surimeau DDH Batch 40

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
47451 (2351331)	<1	3.04	<5	<20	25.6	<5	0.6	5.21	<0.2	2.4	97.3	0.204	1.0	47
47452 (2351332)	<1	2.74	<5	38	179	<5	<0.1	10.4	<0.2	27.3	8.9	0.018	<0.1	22
47453 (2351333)	<1	2.79	<5	<20	2.8	<5	0.9	4.59	<0.2	1.8	92.9	0.197	<0.1	<5
47454 (2351334)	<1	2.95	<5	<20	1.7	<5	0.8	4.40	<0.2	1.3	100	0.216	<0.1	17
47455 (2351335)	3	1.09	28	120	60.7	<5	0.6	2.51	1.1	10.8	1270	0.023	<0.1	15000
47456 (2351336)	<1	3.08	<5	<20	1.9	<5	0.7	4.44	<0.2	1.4	98.9	0.224	<0.1	15
47457 (2351337)	<1	2.85	<5	<20	2.8	<5	0.9	4.75	<0.2	1.7	98.5	0.211	<0.1	<5
47458 (2351338)	<1	3.36	14	<20	3.0	<5	0.3	6.06	<0.2	1.9	103	0.234	<0.1	38
47459 (2351339)	<1	3.23	<5	<20	2.3	<5	0.3	5.81	<0.2	1.7	96.3	0.227	<0.1	37
47460 (2351340)	<1	2.79	<5	<20	1.9	<5	0.3	7.00	<0.2	2.1	77.8	0.167	<0.1	10
47461 (2351341)	<1	3.70	<5	<20	2.7	<5	0.3	5.38	<0.2	1.5	101	0.241	<0.1	36
47462 C-DUP (2351342)	<1	3.72	<5	<20	2.6	<5	0.4	5.44	<0.2	1.6	105	0.240	<0.1	36
47463 (2351343)	<1	3.44	<5	<20	24.8	<5	0.4	5.37	<0.2	1.9	99.0	0.239	1.5	50
47464 (2351344)	<1	4.99	<5	<20	1010	<5	<0.1	4.46	<0.2	13.1	81.5	0.191	51.0	<5
47465 (2351345)	<1	5.49	<5	<20	1070	<5	<0.1	4.08	<0.2	35.2	83.5	0.193	56.1	7
47466 (2351346)	<1	4.62	<5	<20	572	<5	0.2	3.94	<0.2	44.8	93.5	0.228	25.2	50
47467 (2351347)	<1	3.93	<5	<20	13.3	<5	0.3	3.36	<0.2	2.4	112	0.257	1.2	70
47468 (2351348)	<1	4.25	<5	<20	485	<5	<0.1	3.62	<0.2	6.7	88.4	0.205	37.3	26
47469 (2351349)	<1	3.89	<5	<20	13.5	<5	0.1	4.90	<0.2	1.8	98.3	0.245	0.7	67
47470 (2351350)	<1	3.97	<5	<20	12.8	<5	0.2	5.19	<0.2	2.0	113	0.270	1.0	53
47471 (2351351)	<1	3.28	<5	<20	12.2	<5	0.2	7.16	<0.2	2.6	98.7	0.232	0.5	42
47472 (2351352)	<1	4.16	<5	<20	357	<5	<0.1	9.59	<0.2	75.5	9.5	0.019	0.4	10
47473 (2351353)	<1	3.66	<5	<20	12.2	<5	0.1	5.57	<0.2	1.7	97.5	0.228	1.0	40
47474 (2351354)	<1	3.64	<5	<20	12.8	<5	<0.1	8.24	<0.2	6.5	92.1	0.227	1.0	28
47475 (2351355)	<1	3.90	<5	<20	14.8	<5	<0.1	6.15	<0.2	1.9	95.0	0.248	1.4	29
47476 (2351356)	<1	3.72	<5	<20	6.2	<5	0.2	6.15	<0.2	1.6	102	0.245	0.3	62
47477 (2351357)	<1	3.28	<5	<20	21.4	<5	0.2	5.56	<0.2	1.3	98.6	0.218	1.6	50
47478 (2351358)	<1	3.49	<5	<20	231	<5	0.2	5.08	<0.2	1.7	94.6	0.214	17.4	36
47479 (2351359)	<1	3.07	<5	<20	120	<5	0.4	12.0	<0.2	2.2	149	0.272	1.9	64
47480 (2351360)	<1	3.86	<5	<20	82.0	<5	0.3	12.9	<0.2	3.1	175	0.332	<0.1	83
47481 (2351361)	<1	4.71	<5	<20	309	<5	0.4	9.04	<0.2	2.9	156	0.336	9.8	124
47482 (2351362)	<1	3.25	<5	<20	207	<5	<0.1	10.8	<0.2	1.9	93.1	0.221	8.6	58

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734088

PROJECT: 2021 Surimeau DDH Batch 40

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
47483 (2351363)	<1	3.52	<5	<20	2.1	<5	<0.1	6.04	<0.2	1.6	92.3	0.231	<0.1	63
47484 (2351364)	<1	4.46	<5	<20	178	<5	<0.1	4.84	<0.2	8.7	97.1	0.210	4.2	59
47485 (2351365)	<1	2.79	<5	<20	2.7	<5	0.3	5.82	<0.2	1.6	92.5	0.208	<0.1	31
47486 (2351366)	<1	4.53	<5	<20	2.8	<5	<0.1	5.08	<0.2	2.1	105	0.270	<0.1	78
47487 (2351367)	<1	2.70	<5	<20	2.2	<5	<0.1	3.99	<0.2	1.3	71.4	0.171	<0.1	41
47488 (2351368)	<1	2.98	<5	<20	1.4	<5	<0.1	5.45	<0.2	1.8	95.7	0.201	<0.1	26
47489 (2351369)	<1	3.37	<5	<20	121	<5	0.1	5.32	<0.2	2.6	93.1	0.214	6.1	69
47490 (2351370)	<1	4.00	<5	<20	2.0	<5	<0.1	5.59	<0.2	1.5	99.3	0.251	<0.1	59
47491 (2351371)	<1	3.43	<5	<20	2.3	<5	<0.1	5.84	<0.2	1.4	90.2	0.232	<0.1	62
47492 (2351372)	<1	3.78	<5	<20	2.2	<5	<0.1	5.77	<0.2	1.4	99.5	0.253	<0.1	83
47493 (2351373)	<1	3.10	<5	<20	1.0	<5	0.2	4.83	<0.2	1.4	96.0	0.225	<0.1	9
47494 (2351374)	<1	4.02	<5	<20	1.4	<5	<0.1	4.35	<0.2	1.4	102	0.256	<0.1	17
47495 C-DUP (2351375)	<1	4.18	<5	<20	1.4	<5	<0.1	4.46	<0.2	1.3	100	0.265	<0.1	20
47496 (2351376)	<1	3.62	<5	<20	6.2	<5	<0.1	6.25	<0.2	1.4	98.2	0.240	<0.1	83
47497 (2351377)	3	1.31	<5	<20	55.3	<5	0.2	19.2	<0.2	4.0	102	0.318	1.2	134
47498 (2351378)	<1	2.90	<5	<20	6.6	<5	<0.1	7.58	<0.2	1.0	84.6	0.209	<0.1	91
47499 (2351379)	<1	1.30	<5	<20	2.4	<5	<0.1	17.7	<0.2	4.3	51.0	0.092	<0.1	10
47500 (2351380)	<1	3.33	<5	<20	2.9	<5	<0.1	10.9	<0.2	1.6	78.3	0.229	<0.1	15

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734088

PROJECT: 2021 Surimeau DDH Batch 40

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
47451 (2351331)	1.31	0.73	0.22	6.85	9.06	1.01	3	<1	0.23	<0.2	0.15	0.9	<10	<0.05
47452 (2351332)	2.87	1.93	0.61	2.43	9.54	2.99	2	3	0.60	<0.2	1.42	12.8	18	0.19
47453 (2351333)	1.10	0.66	0.13	7.11	7.61	0.87	2	<1	0.20	<0.2	<0.05	0.8	<10	0.06
47454 (2351334)	1.19	0.66	0.13	7.27	7.71	0.91	2	<1	0.20	<0.2	<0.05	0.5	<10	<0.05
47455 (2351335)	0.96	0.51	0.23	35.9	3.42	1.17	<1	<1	0.15	<0.2	0.12	5.5	<10	<0.05
47456 (2351336)	1.30	0.73	0.17	7.48	6.60	0.87	2	<1	0.21	<0.2	<0.05	0.6	<10	<0.05
47457 (2351337)	1.16	0.75	0.16	6.98	6.06	0.82	2	<1	0.18	<0.2	<0.05	0.6	<10	<0.05
47458 (2351338)	1.55	0.92	0.22	7.78	7.73	1.12	2	<1	0.26	<0.2	<0.05	0.6	<10	0.06
47459 (2351339)	1.34	0.85	0.24	7.70	6.93	1.09	2	<1	0.24	<0.2	<0.05	0.6	<10	<0.05
47460 (2351340)	1.71	0.97	0.22	6.75	5.57	1.34	1	<1	0.30	<0.2	<0.05	0.7	<10	0.07
47461 (2351341)	1.33	0.88	0.19	8.17	7.68	1.11	2	<1	0.25	<0.2	<0.05	0.5	<10	0.06
47462 C-DUP (2351342)	1.47	0.87	0.17	8.24	8.93	1.16	2	<1	0.25	<0.2	<0.05	0.5	<10	<0.05
47463 (2351343)	1.40	0.94	0.21	7.95	8.44	1.18	2	<1	0.24	<0.2	0.16	0.6	12	0.06
47464 (2351344)	1.76	1.11	0.62	7.71	16.7	2.11	3	<1	0.30	<0.2	3.96	5.6	238	<0.05
47465 (2351345)	2.51	1.14	0.62	7.73	19.9	3.91	3	3	0.43	<0.2	4.53	14.9	266	0.11
47466 (2351346)	2.82	1.70	1.34	9.15	14.0	3.82	2	2	0.48	<0.2	1.74	20.5	105	0.14
47467 (2351347)	1.65	0.92	0.26	8.87	9.36	1.36	2	<1	0.29	<0.2	0.08	0.9	12	0.07
47468 (2351348)	1.80	1.15	0.46	7.57	11.7	1.64	2	<1	0.31	<0.2	2.38	2.6	122	0.08
47469 (2351349)	1.39	0.92	0.21	8.23	7.83	1.02	2	<1	0.24	<0.2	0.09	0.6	11	<0.05
47470 (2351350)	1.65	1.10	0.28	9.15	8.57	1.32	2	<1	0.30	<0.2	0.08	0.6	11	0.08
47471 (2351351)	1.89	1.13	0.39	8.08	6.56	1.45	2	<1	0.34	<0.2	0.07	0.8	<10	0.10
47472 (2351352)	3.79	1.82	0.87	1.90	13.4	4.96	1	4	0.64	<0.2	1.84	38.3	31	0.16
47473 (2351353)	1.31	0.85	0.25	7.87	7.85	1.04	2	<1	0.26	<0.2	0.08	0.6	<10	<0.05
47474 (2351354)	2.28	1.62	0.50	7.85	8.03	2.04	2	<1	0.46	<0.2	0.07	2.9	<10	0.11
47475 (2351355)	1.34	0.95	0.23	8.51	9.43	1.15	2	<1	0.26	<0.2	0.10	0.6	<10	<0.05
47476 (2351356)	1.46	0.88	0.25	8.18	7.99	1.02	2	<1	0.25	<0.2	0.05	0.6	<10	<0.05
47477 (2351357)	1.21	0.79	0.24	7.50	8.27	0.94	2	<1	0.21	<0.2	0.12	0.5	11	<0.05
47478 (2351358)	1.21	0.72	0.21	7.41	8.23	0.99	2	<1	0.21	<0.2	1.15	0.5	49	0.06
47479 (2351359)	1.52	0.91	0.31	7.67	6.94	1.16	1	<1	0.26	<0.2	0.28	1.1	22	0.06
47480 (2351360)	2.33	1.47	0.41	7.97	8.77	1.69	1	<1	0.41	<0.2	0.08	1.6	20	0.19
47481 (2351361)	1.99	1.41	0.51	8.53	11.3	1.80	1	<1	0.40	<0.2	1.07	1.2	58	0.12
47482 (2351362)	1.27	0.76	0.43	7.50	7.35	0.97	2	<1	0.23	<0.2	0.87	0.8	43	<0.05

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734088

PROJECT: 2021 Surimeau DDH Batch 40

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
47483 (2351363)	1.40	0.84	0.15	7.79	7.52	1.21	1	<1	0.26	<0.2	<0.05	0.6	<10	0.06
47484 (2351364)	1.89	1.06	0.37	8.12	8.73	1.77	2	<1	0.33	<0.2	0.44	3.7	23	0.07
47485 (2351365)	1.22	0.63	0.18	7.29	6.77	0.95	2	<1	0.21	<0.2	<0.05	0.6	<10	<0.05
47486 (2351366)	1.63	0.95	0.17	8.88	8.32	1.24	2	<1	0.27	<0.2	<0.05	0.8	<10	0.07
47487 (2351367)	0.97	0.68	0.18	5.89	5.06	0.87	1	<1	0.20	<0.2	<0.05	0.4	<10	<0.05
47488 (2351368)	1.39	0.85	0.24	7.22	7.70	1.00	2	<1	0.22	<0.2	<0.05	0.6	<10	<0.05
47489 (2351369)	1.37	0.74	0.22	7.09	8.86	1.16	2	<1	0.21	<0.2	0.54	0.9	23	<0.05
47490 (2351370)	1.48	0.83	0.24	8.22	8.86	1.05	2	<1	0.27	<0.2	<0.05	0.5	<10	0.06
47491 (2351371)	1.47	0.84	0.28	7.60	6.79	1.06	2	<1	0.26	<0.2	<0.05	0.5	<10	<0.05
47492 (2351372)	1.33	0.92	0.19	7.99	7.57	1.06	2	<1	0.25	<0.2	<0.05	0.4	<10	0.06
47493 (2351373)	1.11	0.77	0.10	7.38	6.84	0.81	2	<1	0.20	<0.2	<0.05	0.5	<10	<0.05
47494 (2351374)	1.46	0.86	0.10	8.48	8.89	1.20	2	<1	0.29	<0.2	<0.05	0.5	<10	0.06
47495 C-DUP (2351375)	1.50	1.05	0.11	8.66	8.73	1.07	2	<1	0.31	<0.2	<0.05	0.4	<10	0.06
47496 (2351376)	1.16	0.78	0.21	7.77	6.47	1.12	2	<1	0.25	<0.2	0.05	0.4	<10	<0.05
47497 (2351377)	2.07	1.46	0.49	9.24	3.91	1.81	<1	<1	0.41	<0.2	0.19	1.6	10	0.14
47498 (2351378)	1.03	0.65	0.20	7.07	5.21	0.84	2	<1	0.16	<0.2	<0.05	0.3	<10	<0.05
47499 (2351379)	2.96	1.93	0.67	5.51	2.79	2.35	1	<1	0.64	<0.2	<0.05	1.6	<10	0.19
47500 (2351380)	0.95	0.52	0.46	7.34	5.71	0.69	1	<1	0.13	<0.2	<0.05	0.6	<10	<0.05

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734088

PROJECT: 2021 Surimeau DDH Batch 40

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
47451 (2351331)	16.1	1350	<2	<1	2.3	1350	<0.01	<5	0.39	8.4	0.43	0.2	20	24.5
47452 (2351332)	5.08	656	<2	7	13.2	23	0.01	10	3.60	48.8	0.35	0.1	5	26.9
47453 (2351333)	16.8	1300	<2	<1	1.4	1350	<0.01	<5	0.24	1.1	0.19	<0.1	19	22.5
47454 (2351334)	16.8	1290	<2	<1	1.5	1400	<0.01	<5	0.19	1.0	0.21	0.2	21	22.7
47455 (2351335)	1.82	592	<2	<1	4.7	23000	<0.01	43	1.47	4.3	21.9	0.5	7	7.82
47456 (2351336)	16.9	1270	<2	<1	1.4	1430	<0.01	20	0.21	1.0	0.21	<0.1	21	22.1
47457 (2351337)	17.3	1180	<2	<1	1.5	1460	<0.01	<5	0.25	0.8	0.16	0.1	19	21.5
47458 (2351338)	16.2	1340	<2	<1	1.6	1310	<0.01	<5	0.30	1.4	0.37	0.1	23	21.2
47459 (2351339)	15.3	1370	<2	<1	1.6	1250	<0.01	<5	0.25	1.2	0.37	0.1	23	21.6
47460 (2351340)	15.4	1380	<2	<1	2.1	894	<0.01	<5	0.37	0.9	0.25	<0.1	20	21.8
47461 (2351341)	16.3	1390	<2	<1	1.5	1320	<0.01	<5	0.24	1.1	0.46	0.1	24	22.9
47462 C-DUP (2351342)	16.5	1410	<2	<1	1.5	1290	<0.01	<5	0.26	1.4	0.45	0.2	24	22.6
47463 (2351343)	16.5	1500	<2	<1	1.9	1270	0.02	<5	0.34	7.9	0.51	<0.1	24	24.3
47464 (2351344)	14.0	1200	<2	1	7.9	897	0.05	36	1.90	199	0.18	<0.1	20	25.2
47465 (2351345)	13.8	1080	<2	2	19.7	912	0.21	12	4.89	229	0.16	<0.1	20	24.6
47466 (2351346)	15.5	1350	<2	2	22.9	1010	0.09	<5	6.21	83.9	0.32	<0.1	29	24.1
47467 (2351347)	16.3	1410	<2	<1	2.2	1160	<0.01	<5	0.39	4.6	0.37	<0.1	27	24.3
47468 (2351348)	15.0	949	<2	<1	4.7	954	0.03	6	1.06	120	0.17	<0.1	25	23.9
47469 (2351349)	15.6	1230	<2	<1	2.0	1160	<0.01	8	0.31	4.0	0.41	<0.1	27	22.6
47470 (2351350)	15.6	1360	<2	<1	2.0	1240	0.01	<5	0.35	3.5	0.39	<0.1	27	22.6
47471 (2351351)	15.5	1570	<2	<1	2.4	1200	0.03	<5	0.42	2.8	0.34	<0.1	25	21.7
47472 (2351352)	5.00	622	<2	6	29.6	30	0.03	11	9.31	59.4	0.20	<0.1	6	28.4
47473 (2351353)	16.3	1350	<2	<1	1.5	1240	<0.01	8	0.28	4.0	0.27	<0.1	23	22.6
47474 (2351354)	14.8	1610	<2	<1	4.5	1010	0.03	<5	0.98	3.5	0.26	<0.1	24	19.6
47475 (2351355)	16.1	1410	<2	<1	1.9	1050	<0.01	<5	0.28	3.9	0.24	<0.1	25	22.4
47476 (2351356)	15.8	1260	<2	<1	1.4	1300	<0.01	<5	0.28	2.1	0.36	<0.1	24	22.1
47477 (2351357)	15.7	1290	<2	<1	1.5	1270	0.01	<5	0.20	6.0	0.31	<0.1	22	23.5
47478 (2351358)	15.6	1200	<2	<1	1.8	1210	<0.01	<5	0.28	57.3	0.27	0.1	22	24.7
47479 (2351359)	8.66	3540	<2	<1	2.0	2490	<0.01	6	0.35	9.3	0.59	<0.1	22	21.4
47480 (2351360)	3.76	4930	<2	<1	2.6	2730	0.01	<5	0.48	0.3	0.87	<0.1	29	23.1
47481 (2351361)	9.39	2980	<2	<1	2.7	1930	<0.01	6	0.48	46.9	0.66	<0.1	31	25.0
47482 (2351362)	12.6	1720	<2	<1	1.6	1100	<0.01	6	0.32	41.0	0.39	<0.1	23	20.1

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734088

PROJECT: 2021 Surimeau DDH Batch 40

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
47483 (2351363)	15.8	1290	<2	<1	1.6	1220	0.02	<5	0.26	1.0	0.32	<0.1	24	22.2
47484 (2351364)	15.2	1240	<2	1	5.6	1200	0.03	<5	1.20	20.8	0.30	<0.1	26	23.3
47485 (2351365)	16.3	1420	<2	<1	1.6	1400	<0.01	<5	0.27	1.7	0.22	<0.1	18	24.5
47486 (2351366)	16.5	1390	<2	<1	2.0	1260	0.01	<5	0.31	1.5	0.29	0.1	27	21.2
47487 (2351367)	10.8	948	<2	<1	1.5	841	<0.01	<5	0.24	0.9	0.20	<0.1	18	16.3
47488 (2351368)	15.5	1440	<2	<1	1.7	1210	0.01	<5	0.25	1.4	0.20	<0.1	21	23.0
47489 (2351369)	14.7	1170	<2	<1	2.2	1330	0.01	<5	0.36	27.4	0.30	0.2	21	22.9
47490 (2351370)	14.8	1210	<2	<1	1.8	1100	0.01	<5	0.24	0.9	0.26	<0.1	27	20.8
47491 (2351371)	15.0	1190	<2	<1	1.7	1160	0.01	<5	0.26	1.0	0.25	<0.1	24	22.5
47492 (2351372)	15.8	1190	<2	<1	1.6	1270	<0.01	<5	0.23	1.3	0.29	0.1	25	22.4
47493 (2351373)	15.6	1380	<2	<1	1.4	1410	<0.01	<5	0.21	0.9	0.13	<0.1	20	22.4
47494 (2351374)	15.6	1280	<2	<1	1.6	1130	0.02	<5	0.25	1.0	0.15	<0.1	25	21.5
47495 C-DUP (2351375)	16.4	1280	<2	<1	1.7	1110	<0.01	<5	0.23	1.0	0.14	<0.1	26	22.4
47496 (2351376)	15.5	1170	<2	<1	1.6	1360	<0.01	<5	0.25	1.5	0.33	0.1	22	24.1
47497 (2351377)	10.1	3820	<2	<1	3.2	1200	0.07	10	0.61	8.6	0.67	<0.1	24	3.51
47498 (2351378)	13.9	1280	<2	<1	1.0	1390	<0.01	<5	0.18	1.6	0.37	<0.1	21	22.2
47499 (2351379)	10.8	2940	<2	<1	3.8	528	0.01	9	0.69	0.6	0.31	<0.1	13	13.4
47500 (2351380)	12.4	1570	<2	<1	1.2	1100	<0.01	<5	0.26	0.5	0.26	<0.1	23	19.9

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734088

PROJECT: 2021 Surimeau DDH Batch 40

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
47451 (2351331)	0.7	<1	88.3	<0.5	0.12	<0.1	0.15	<0.5	0.06	<0.05	112	<1	6.9	0.7
47452 (2351332)	2.8	<1	147	<0.5	0.43	14.0	0.22	<0.5	0.22	3.59	38	<1	18.2	1.9
47453 (2351333)	0.6	<1	311	<0.5	0.12	<0.1	0.14	<0.5	0.06	<0.05	108	<1	6.1	0.7
47454 (2351334)	0.5	<1	265	<0.5	0.11	<0.1	0.16	<0.5	0.06	<0.05	114	<1	6.8	0.7
47455 (2351335)	1.1	1	33.8	<0.5	0.12	0.9	0.11	<0.5	<0.05	0.15	59	4	5.3	0.5
47456 (2351336)	0.6	<1	335	<0.5	0.14	<0.1	0.17	<0.5	0.07	<0.05	124	<1	6.8	0.8
47457 (2351337)	0.5	<1	455	<0.5	0.12	<0.1	0.15	<0.5	0.07	<0.05	114	<1	6.6	0.6
47458 (2351338)	0.7	<1	302	<0.5	0.14	<0.1	0.19	<0.5	0.10	<0.05	141	<1	8.1	0.9
47459 (2351339)	0.6	<1	188	<0.5	0.15	<0.1	0.19	<0.5	0.07	<0.05	136	<1	7.6	0.8
47460 (2351340)	1.1	<1	298	<0.5	0.19	<0.1	0.13	<0.5	0.10	<0.05	105	<1	9.2	1.0
47461 (2351341)	0.5	<1	190	<0.5	0.13	<0.1	0.20	<0.5	0.08	<0.05	145	<1	7.3	0.7
47462 C-DUP (2351342)	0.7	<1	191	<0.5	0.16	<0.1	0.20	<0.5	0.07	<0.05	144	<1	7.7	0.8
47463 (2351343)	1.0	<1	164	<0.5	0.17	<0.1	0.20	<0.5	0.10	<0.05	134	<1	8.0	0.8
47464 (2351344)	2.2	<1	64.7	<0.5	0.24	0.8	0.27	2.0	0.07	0.12	158	<1	8.9	1.0
47465 (2351345)	4.5	<1	86.2	<0.5	0.45	2.6	0.27	2.1	0.12	0.37	160	<1	12.3	1.0
47466 (2351346)	5.1	<1	69.8	<0.5	0.43	2.9	0.35	0.7	0.18	0.76	191	<1	14.9	1.6
47467 (2351347)	1.0	<1	38.2	<0.5	0.19	<0.1	0.23	<0.5	0.11	<0.05	177	<1	8.5	1.0
47468 (2351348)	1.3	<1	34.0	<0.5	0.21	0.6	0.23	1.1	0.10	0.21	154	<1	9.1	1.0
47469 (2351349)	0.8	<1	62.8	<0.5	0.14	<0.1	0.22	<0.5	0.09	<0.05	148	<1	7.7	0.9
47470 (2351350)	0.8	<1	67.2	<0.5	0.21	<0.1	0.24	<0.5	0.10	<0.05	172	<1	8.6	1.0
47471 (2351351)	0.9	<1	166	<0.5	0.19	<0.1	0.20	<0.5	0.10	<0.05	143	<1	9.9	1.1
47472 (2351352)	5.7	<1	293	<0.5	0.61	7.1	0.24	<0.5	0.19	1.36	37	<1	18.3	1.7
47473 (2351353)	0.5	<1	133	<0.5	0.11	<0.1	0.19	<0.5	0.06	<0.05	134	<1	7.4	0.9
47474 (2351354)	1.4	<1	251	<0.5	0.30	0.1	0.21	<0.5	0.17	<0.05	148	<1	14.6	1.6
47475 (2351355)	0.7	<1	138	<0.5	0.13	<0.1	0.22	<0.5	0.07	<0.05	151	<1	8.3	0.9
47476 (2351356)	0.6	<1	121	<0.5	0.15	<0.1	0.20	<0.5	0.09	<0.05	149	<1	7.8	0.9
47477 (2351357)	0.5	<1	99.4	<0.5	0.13	<0.1	0.17	<0.5	0.06	<0.05	128	<1	7.3	0.8
47478 (2351358)	0.6	<1	63.1	<0.5	0.15	<0.1	0.17	<0.5	0.05	<0.05	131	<1	7.4	0.8
47479 (2351359)	0.6	<1	256	<0.5	0.13	<0.1	0.17	<0.5	0.10	<0.05	127	<1	9.2	0.9
47480 (2351360)	0.9	<1	257	<0.5	0.23	<0.1	0.21	<0.5	0.17	0.22	164	<1	14.6	1.6
47481 (2351361)	1.1	<1	184	<0.5	0.24	<0.1	0.25	<0.5	0.13	0.42	187	<1	12.4	1.4
47482 (2351362)	0.6	<1	222	<0.5	0.12	<0.1	0.19	<0.5	0.07	<0.05	132	<1	7.3	0.8

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734088

PROJECT: 2021 Surimeau DDH Batch 40

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
47483 (2351363)	0.7	<1	116	<0.5	0.15	<0.1	0.20	<0.5	0.07	<0.05	140	<1	7.7	0.9
47484 (2351364)	1.6	<1	49.1	<0.5	0.25	0.5	0.29	<0.5	0.10	0.15	158	<1	9.3	1.1
47485 (2351365)	0.5	<1	124	<0.5	0.09	<0.1	0.13	<0.5	<0.05	<0.05	97	<1	6.5	0.7
47486 (2351366)	0.7	6	119	<0.5	0.15	<0.1	0.24	<0.5	0.09	<0.05	169	<1	8.1	1.0
47487 (2351367)	0.5	<1	59.2	<0.5	0.11	<0.1	0.15	<0.5	0.06	<0.05	108	<1	6.4	0.7
47488 (2351368)	0.5	<1	92.5	<0.5	0.15	<0.1	0.16	<0.5	0.07	<0.05	112	<1	7.4	0.8
47489 (2351369)	0.8	<1	51.8	<0.5	0.11	<0.1	0.18	<0.5	0.06	<0.05	127	<1	7.0	0.8
47490 (2351370)	0.8	<1	78.3	<0.5	0.13	<0.1	0.22	<0.5	0.08	<0.05	160	<1	8.1	1.0
47491 (2351371)	0.7	<1	69.2	<0.5	0.16	<0.1	0.20	<0.5	0.08	<0.05	143	<1	7.8	0.9
47492 (2351372)	0.7	<1	77.8	<0.5	0.15	<0.1	0.21	<0.5	0.06	<0.05	164	<1	7.7	0.9
47493 (2351373)	0.5	<1	105	<0.5	0.10	<0.1	0.17	<0.5	<0.05	<0.05	113	<1	6.4	0.7
47494 (2351374)	0.7	<1	58.4	<0.5	0.15	<0.1	0.23	<0.5	0.08	<0.05	161	<1	8.0	1.0
47495 C-DUP (2351375)	0.7	<1	53.3	<0.5	0.16	<0.1	0.23	<0.5	0.08	<0.05	168	<1	7.9	1.0
47496 (2351376)	0.6	<1	47.6	<0.5	0.13	<0.1	0.19	<0.5	0.07	<0.05	125	<1	7.1	0.8
47497 (2351377)	1.1	<1	573	<0.5	0.24	<0.1	0.30	<0.5	0.16	<0.05	261	<1	12.6	1.4
47498 (2351378)	0.4	<1	76.6	<0.5	0.10	<0.1	0.16	<0.5	<0.05	<0.05	113	<1	5.3	0.6
47499 (2351379)	1.5	<1	347	<0.5	0.38	<0.1	0.08	<0.5	0.24	<0.05	73	<1	17.7	1.9
47500 (2351380)	0.4	<1	170	<0.5	0.08	<0.1	0.19	<0.5	<0.05	<0.05	131	<1	5.2	0.6

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734088

PROJECT: 2021 Surimeau DDH Batch 40

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
47451 (2351331)	55	13.9
47452 (2351332)	31	111
47453 (2351333)	99	12.0
47454 (2351334)	60	15.7
47455 (2351335)	89	36.0
47456 (2351336)	58	14.5
47457 (2351337)	50	10.5
47458 (2351338)	54	18.6
47459 (2351339)	62	17.3
47460 (2351340)	47	10.2
47461 (2351341)	60	15.6
47462 C-DUP (2351342)	62	13.0
47463 (2351343)	59	10.7
47464 (2351344)	112	33.0
47465 (2351345)	117	96.4
47466 (2351346)	76	74.3
47467 (2351347)	67	18.4
47468 (2351348)	72	31.2
47469 (2351349)	59	17.2
47470 (2351350)	76	18.7
47471 (2351351)	61	17.8
47472 (2351352)	34	161
47473 (2351353)	57	21.7
47474 (2351354)	49	18.5
47475 (2351355)	58	19.4
47476 (2351356)	62	19.0
47477 (2351357)	59	14.1
47478 (2351358)	60	13.9
47479 (2351359)	54	14.6
47480 (2351360)	53	18.0
47481 (2351361)	75	20.3
47482 (2351362)	59	17.2

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734088

PROJECT: 2021 Surimeau DDH Batch 40

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
47483 (2351363)	52	15.3
47484 (2351364)	64	29.1
47485 (2351365)	59	11.9
47486 (2351366)	63	18.4
47487 (2351367)	47	11.3
47488 (2351368)	59	17.0
47489 (2351369)	59	16.9
47490 (2351370)	60	24.2
47491 (2351371)	58	19.6
47492 (2351372)	63	17.6
47493 (2351373)	62	13.5
47494 (2351374)	65	21.3
47495 C-DUP (2351375)	67	21.4
47496 (2351376)	62	15.3
47497 (2351377)	46	22.2
47498 (2351378)	55	14.5
47499 (2351379)	34	7.9
47500 (2351380)	61	16.8

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734088

PROJECT: 2021 Surimeau DDH Batch 40

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
47451 (2351331)	79.52
47470 (2351350)	80.60
47490 (2351370)	80.46

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734088

PROJECT: 2021 Surimeau DDH Batch 40

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
47451 (2351331)	88.13
47471 (2351351)	85.36
47488 (2351368)	85.57

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2351331	< 1	< 1	0.0%	2351345	< 1	< 1	0.0%	2351356	< 1	< 1	0.0%	2351371	< 1	< 1	0.0%
Al	2351331	3.04	3.03	0.3%	2351345	5.49	5.41	1.5%	2351356	3.72	3.58	3.8%	2351371	3.43	3.45	0.6%
As	2351331	< 5	< 5	0.0%	2351345	< 5	< 5	0.0%	2351356	< 5	< 5	0.0%	2351371	< 5	< 5	0.0%
B	2351331	< 20	< 20	0.0%	2351345	< 20	< 20	0.0%	2351356	< 20	< 20	0.0%	2351371	< 20	< 20	0.0%
Ba	2351331	25.6	28.5	10.7%	2351345	1070	1040	2.8%	2351356	6.2	5.7	8.4%	2351371	2.31	2.24	3.1%
Be	2351331	< 5	< 5	0.0%	2351345	< 5	< 5	0.0%	2351356	< 5	< 5	0.0%	2351371	< 5	< 5	0.0%
Bi	2351331	0.6	0.6	0.0%	2351345	< 0.1	< 0.1	0.0%	2351356	0.15	0.13	14.3%	2351371	< 0.1	< 0.1	0.0%
Ca	2351331	5.21	5.15	1.2%	2351345	4.08	4.03	1.2%	2351356	6.15	6.42	4.3%	2351371	5.84	5.89	0.9%
Cd	2351331	< 0.2	< 0.2	0.0%	2351345	< 0.2	< 0.2	0.0%	2351356	< 0.2	< 0.2	0.0%	2351371	< 0.2	< 0.2	0.0%
Ce	2351331	2.4	2.2	8.7%	2351345	35.2	35.5	0.8%	2351356	1.60	1.66	3.7%	2351371	1.4	1.4	0.0%
Co	2351331	97.3	88.4	9.6%	2351345	83.5	81.0	3.0%	2351356	102	97.3	4.7%	2351371	90.2	91.4	1.3%
Cr	2351331	0.204	0.211	3.4%	2351345	0.193	0.190	1.6%	2351356	0.245	0.243	0.8%	2351371	0.232	0.233	0.4%
Cs	2351331	1.0	1.4		2351345	56.1	57.1	1.8%	2351356	0.3	0.3	0.0%	2351371	< 0.1	< 0.1	0.0%
Cu	2351331	47	51	8.2%	2351345	7	7	0.0%	2351356	62	62	0.0%	2351371	62	60	3.3%
Dy	2351331	1.31	1.21	7.9%	2351345	2.51	2.66	5.8%	2351356	1.46	1.19	20.4%	2351371	1.47	1.38	6.3%
Er	2351331	0.73	0.78	6.6%	2351345	1.14	1.31	13.9%	2351356	0.884	0.900	1.8%	2351371	0.837	0.780	7.1%
Eu	2351331	0.22	0.17	25.6%	2351345	0.618	0.706	13.3%	2351356	0.25	0.27	7.7%	2351371	0.28	0.20	
Fe	2351331	6.85	6.86	0.1%	2351345	7.73	7.67	0.8%	2351356	8.18	8.09	1.1%	2351371	7.60	7.66	0.8%
Ga	2351331	9.06	9.21	1.6%	2351345	19.9	18.8	5.7%	2351356	7.99	7.23	10.0%	2351371	6.79	7.50	9.9%
Gd	2351331	1.01	1.06	4.8%	2351345	3.91	3.91	0.0%	2351356	1.02	1.16	12.8%	2351371	1.06	1.17	9.9%
Ge	2351331	3	2		2351345	3	2		2351356	2	1		2351371	2	2	0.0%
Hf	2351331	< 1	< 1	0.0%	2351345	3	3	0.0%	2351356	< 1	< 1	0.0%	2351371	< 1	< 1	0.0%
Ho	2351331	0.226	0.219	3.1%	2351345	0.426	0.422	0.9%	2351356	0.25	0.26	3.9%	2351371	0.256	0.239	6.9%
In	2351331	< 0.2	< 0.2	0.0%	2351345	< 0.2	< 0.2	0.0%	2351356	< 0.2	< 0.2	0.0%	2351371	< 0.2	< 0.2	0.0%
K	2351331	0.15	0.16	6.5%	2351345	4.53	4.47	1.3%	2351356	0.05	0.05	0.0%	2351371	< 0.05	< 0.05	0.0%
La	2351331	0.85	0.79	7.3%	2351345	14.9	15.2	2.0%	2351356	0.6	0.6	0.0%	2351371	0.5	0.3	
Li	2351331	< 10	< 10	0.0%	2351345	266	265	0.4%	2351356	< 10	< 10	0.0%	2351371	< 10	< 10	0.0%
Lu	2351331	< 0.05	< 0.05	0.0%	2351345	0.11	0.10	9.5%	2351356	< 0.05	< 0.05	0.0%	2351371	< 0.05	< 0.05	0.0%
Mg	2351331	16.1	16.0	0.6%	2351345	13.8	13.2	4.4%	2351356	15.8	15.8	0.0%	2351371	15.0	15.3	2.0%
Mn	2351331	1350	1340	0.7%	2351345	1080	1080	0.0%	2351356	1260	1310	3.9%	2351371	1190	1190	0.0%
Mo	2351331	< 2	< 2	0.0%	2351345	< 2	< 2	0.0%	2351356	< 2	< 2	0.0%	2351371	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2351331	< 1	< 1	0.0%	2351345	2	2	0.0%	2351356	< 1	< 1	0.0%	2351371	< 1	< 1	0.0%
Nd	2351331	2.26	1.98	13.2%	2351345	19.7	19.5	1.0%	2351356	1.4	1.6	13.3%	2351371	1.68	1.53	9.3%
Ni	2351331	1350	1340	0.7%	2351345	912	897	1.7%	2351356	1300	1350	3.8%	2351371	1160	1170	0.9%
P	2351331	< 0.01	< 0.01	0.0%	2351345	0.21	0.19	10.0%	2351356	< 0.01	< 0.01	0.0%	2351371	0.01	0.01	0.0%
Pb	2351331	< 5	< 5	0.0%	2351345	12	9	28.6%	2351356	< 5	< 5	0.0%	2351371	< 5	< 5	0.0%
Pr	2351331	0.39	0.43	9.8%	2351345	4.89	5.13	4.8%	2351356	0.278	0.261	6.3%	2351371	0.26	0.26	0.0%
Rb	2351331	8.4	8.5	1.2%	2351345	229	229	0.0%	2351356	2.1	1.9	10.0%	2351371	1.0	1.0	0.0%
S	2351331	0.428	0.410	4.3%	2351345	0.16	0.15	6.5%	2351356	0.36	0.36	0.0%	2351371	0.25	0.25	0.0%
Sb	2351331	0.2	< 0.1		2351345	< 0.1	< 0.1	0.0%	2351356	< 0.1	< 0.1	0.0%	2351371	< 0.1	0.1	
Sc	2351331	20	20	0.0%	2351345	20	19	5.1%	2351356	24	24	0.0%	2351371	24	24	0.0%
Si	2351331	24.5	24.6	0.4%	2351345	24.6	24.3	1.2%	2351356	22.1	22.0	0.5%	2351371	22.5	22.8	1.3%
Sm	2351331	0.7	0.7	0.0%	2351345	4.50	4.69	4.1%	2351356	0.62	0.66	6.3%	2351371	0.71	0.61	15.2%
Sn	2351331	< 1	< 1	0.0%	2351345	< 1	< 1	0.0%	2351356	< 1	< 1	0.0%	2351371	< 1	< 1	0.0%
Sr	2351331	88.3	83.5	5.6%	2351345	86.2	85.0	1.4%	2351356	121	131	7.9%	2351371	69.2	69.9	1.0%
Ta	2351331	< 0.5	< 0.5	0.0%	2351345	< 0.5	< 0.5	0.0%	2351356	< 0.5	< 0.5	0.0%	2351371	< 0.5	< 0.5	0.0%
Tb	2351331	0.12	0.14	15.4%	2351345	0.45	0.42	6.9%	2351356	0.152	0.172	12.3%	2351371	0.16	0.14	13.3%
Th	2351331	< 0.1	< 0.1	0.0%	2351345	2.6	2.6	0.0%	2351356	< 0.1	< 0.1	0.0%	2351371	< 0.1	< 0.1	0.0%
Ti	2351331	0.155	0.156	0.6%	2351345	0.27	0.27	0.0%	2351356	0.20	0.20	0.0%	2351371	0.20	0.20	0.0%
Tl	2351331	< 0.5	< 0.5	0.0%	2351345	2.1	2.1	0.0%	2351356	< 0.5	< 0.5	0.0%	2351371	< 0.5	< 0.5	0.0%
Tm	2351331	0.064	0.070	9.0%	2351345	0.120	0.112	6.9%	2351356	0.087	0.070	21.7%	2351371	0.08	0.07	13.3%
U	2351331	< 0.05	< 0.05	0.0%	2351345	0.372	0.378	1.6%	2351356	< 0.05	< 0.05	0.0%	2351371	< 0.05	< 0.05	0.0%
V	2351331	112	114	1.8%	2351345	160	155	3.2%	2351356	149	147	1.4%	2351371	143	146	2.1%
W	2351331	< 1	< 1	0.0%	2351345	< 1	< 1	0.0%	2351356	< 1	< 1	0.0%	2351371	< 1	< 1	0.0%
Y	2351331	6.92	7.06	2.0%	2351345	12.3	12.1	1.6%	2351356	7.84	8.03	2.4%	2351371	7.79	7.40	5.1%
Yb	2351331	0.74	0.75	1.3%	2351345	1.0	1.0	0.0%	2351356	0.9	0.9	0.0%	2351371	0.92	0.82	11.5%
Zn	2351331	55	57	3.6%	2351345	117	121	3.4%	2351356	62	61	1.6%	2351371	58	57	1.7%
Zr	2351331	13.9	18.1	26.3%	2351345	96.4	95.0	1.5%	2351356	19.0	19.0	0.0%	2351371	19.6	19.3	1.5%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O734088

PROJECT: 2021 Surimeau DDH Batch 40

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.77	104%	90% - 110%					6.94	7.5	108%	90% - 110%	13.0	14	108%	90% - 110%
As	26	29	112%	90% - 110%												
Ba	540	533	99%	90% - 110%									1310	1400	107%	90% - 110%
Be	4.0	3.1	78%	90% - 110%												
Ca	0.907	0.952	105%	90% - 110%					4.01	4.34	108%	90% - 110%	1.42	1.53	108%	90% - 110%
Ce	98	101	103%	90% - 110%	58.2	65.8	113%	90% - 110%								
Co	15	15	101%	90% - 110%												
Cu	150	161	108%	90% - 110%									6.4	6.2	97%	90% - 110%
Er	3.7	4.2	113%	90% - 110%												
Fe	3.77	4.08	108%	90% - 110%					7.56	8.33	110%	90% - 110%	3.27	3.61	111%	90% - 110%
Ga					22.6	27	119%	90% - 110%								
Hf	11	11	98%	90% - 110%												
K	2.55	2.66	105%	90% - 110%					2.02	2.2	109%	90% - 110%	3.68	4.1	111%	90% - 110%
La	44	45	103%	90% - 110%	27.5	30.9	112%	90% - 110%								
Li	47	50	106%	90% - 110%									65.0	76.1	117%	90% - 110%
Lu	0.6	0.5	88%	90% - 110%												
Mg	1.1	1.1	97%	90% - 110%					2.41	2.63	109%	90% - 110%				
Mn	780	795	102%	90% - 110%												
Mo	14	15	106%	90% - 110%												
Nb	20	20	102%	90% - 110%	22.6	24.9	110%	90% - 110%								
Nd					27.3	29.1	107%	90% - 110%								
Ni	32	41	129%	90% - 110%												
P													0.061	0.073	120%	90% - 110%
Pb	31	34	110%	90% - 110%												
Rb	144	167	116%	90% - 110%	85.4	96.4	113%	90% - 110%								
Sb	0.8	0.8	103%	90% - 110%												
Sc	12	12	103%	90% - 110%												
Si	28.4	31.2	110%	90% - 110%					23.65	26.63	113%	90% - 110%	24.4	27.6	113%	90% - 110%
Sm	7.4	9.4	127%	90% - 110%												
Sr	144	158	110%	90% - 110%									310	344	111%	90% - 110%
Ta	1.9	1.8	97%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Tb	1.2	1.2	98%	90% - 110%												
Th	18.4	19.5	106%	90% - 110%												
Ti	0.527	0.536	102%	90% - 110%									0.222	0.229	103%	90% - 110%
U	5.7	5.2	91%	90% - 110%												
V	77	84	109%	90% - 110%												
W	5	5	100%	90% - 110%												
Y	40	40	99%	90% - 110%	25.3	27.8	110%	90% - 110%								
Zn	130	131	101%	90% - 110%									75.4	85.2	113%	90% - 110%
Zr	390	409	105%	90% - 110%	157	164	104%	90% - 110%								

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O734088

PROJECT: 2021 Surimeau DDH Batch 40

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O734088

PROJECT: 2021 Surimeau DDH Batch 40

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O734088

PROJECT: 2021 Surimeau DDH Batch 40

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton
PROJECT: 2021 Surimeau DDH Batch 41
AGAT WORK ORDER: 21O734091
SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer
DATE REPORTED: Sep 15, 2021
PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

Disclaimer:
- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project Manager if you require additional sample storage time.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
- The test results reported herewith relate only to the samples as received by the laboratory.
- Measurement Uncertainty is not taken into consideration when stating conformity with a specified requirement.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734091

PROJECT: 2021 Surimeau DDH Batch 41

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 15, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
47501 (2351411)	4.79
47502 (2351412)	0.94
47503 (2351413)	4.49
47504 (2351414)	4.40
47505 (2351415)	3.53
47506 (2351416)	2.66
47507 (2351417)	2.22
47508 (2351418)	4.27
47509 (2351419)	4.35
47510 (2351420)	4.06
47511 (2351421)	4.31
47512 C-DUP (2351422)	-
47513 (2351423)	2.56
47514 (2351424)	2.17
47515 (2351425)	2.19
47516 (2351426)	4.21
47517 (2351427)	2.88
47518 (2351428)	3.09
47519 (2351429)	2.36
47520 (2351430)	2.96
47521 (2351431)	2.58
47522 (2351432)	1.21
47523 (2351433)	3.07
47524 (2351434)	3.92
47525 (2351435)	2.80
47526 (2351436)	2.57
47527 (2351437)	2.34
47528 (2351438)	3.92
47529 (2351439)	2.28
47530 (2351440)	3.78
47531 (2351441)	3.85

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734091

PROJECT: 2021 Surimeau DDH Batch 41

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 15, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
47532 (2351442)	4.65
47533 (2351443)	3.01
47534 (2351444)	2.71
47535 (2351445)	2.85
47536 (2351446)	4.01
47537 (2351447)	1.20
47538 (2351448)	3.41
47539 (2351449)	4.95
47540 (2351450)	4.23
47541 (2351451)	2.22
47542 (2351452)	2.12
47543 (2351453)	4.52
47544 (2351454)	4.25
47545 C-DUP (2351455)	-
47546 (2351456)	3.63
47547 (2351457)	3.07
47548 (2351458)	1.91
47549 (2351459)	2.35
47550 (2351460)	2.44

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734091

PROJECT: 2021 Surimeau DDH Batch 41

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 15, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
47501 (2351411)	<1	2.71	<5	<20	2.3	<5	0.2	6.84	<0.2	1.6	93.6	0.204	0.3	38
47502 (2351412)	<1	5.71	<5	<20	478	<5	<0.1	4.89	<0.2	38.9	22.0	0.032	1.3	31
47503 (2351413)	<1	3.58	<5	<20	<0.5	<5	0.2	4.75	<0.2	1.6	98.0	0.249	0.4	25
47504 (2351414)	<1	3.34	<5	<20	<0.5	<5	0.2	5.71	<0.2	1.2	98.5	0.234	0.6	64
47505 (2351415)	<1	4.17	<5	<20	197	<5	0.2	12.7	0.3	2.6	115	0.307	4.2	26
47506 (2351416)	<1	2.88	<5	<20	<0.5	<5	0.2	5.54	<0.2	1.4	94.0	0.222	0.4	41
47507 (2351417)	<1	3.45	<5	<20	6.6	<5	<0.1	5.41	<0.2	2.0	89.7	0.248	0.5	17
47508 (2351418)	<1	3.84	<5	<20	<0.5	<5	0.2	4.73	<0.2	2.1	91.4	0.257	0.5	45
47509 (2351419)	<1	3.09	<5	<20	<0.5	<5	0.2	4.57	<0.2	1.3	96.1	0.238	0.4	<5
47510 (2351420)	<1	2.82	<5	<20	<0.5	<5	0.3	5.03	<0.2	1.3	95.4	0.224	0.3	7
47511 (2351421)	<1	3.04	<5	<20	<0.5	<5	0.2	6.54	<0.2	1.5	95.1	0.244	0.3	49
47512 C-DUP (2351422)	<1	3.10	<5	<20	<0.5	<5	0.3	6.67	<0.2	1.6	96.4	0.241	0.2	48
47513 (2351423)	<1	5.03	<5	<20	7.0	<5	0.4	9.00	<0.2	4.1	113	0.346	1.4	56
47514 (2351424)	<1	3.30	<5	<20	<0.5	<5	0.2	5.74	<0.2	1.1	88.8	0.239	0.3	48
47515 (2351425)	<1	3.39	<5	<20	<0.5	<5	0.2	5.80	<0.2	1.3	92.5	0.245	0.4	57
47516 (2351426)	<1	3.00	<5	<20	<0.5	<5	0.2	6.21	<0.2	1.5	89.8	0.207	0.2	55
47517 (2351427)	<1	3.94	<5	<20	<0.5	<5	0.3	6.20	<0.2	2.6	106	0.299	0.4	77
47518 (2351428)	<1	3.38	<5	<20	216	<5	0.4	8.08	<0.2	2.4	112	0.261	7.4	43
47519 (2351429)	<1	7.02	<5	<20	570	<5	0.5	4.52	<0.2	34.8	121	0.261	13.6	119
47520 (2351430)	<1	9.17	<5	<20	390	<5	0.7	1.05	0.5	57.3	32.9	0.028	5.1	383
47521 (2351431)	<1	8.60	<5	<20	465	<5	0.3	1.17	2.8	57.6	27.0	0.028	5.8	93
47522 (2351432)	<1	3.20	<5	71	253	<5	<0.1	8.46	<0.2	35.3	12.3	0.022	0.6	31
47523 (2351433)	<1	8.06	<5	<20	1350	<5	0.5	2.78	<0.2	75.5	28.2	0.027	2.0	148
47524 (2351434)	<1	8.79	<5	<20	845	<5	1.5	1.17	<0.2	62.5	23.1	0.030	2.0	283
47525 (2351435)	<1	7.88	<5	<20	519	<5	0.9	1.38	1.6	59.7	26.5	0.029	2.5	244
47526 (2351436)	<1	7.90	<5	<20	319	<5	1.7	1.84	4.0	62.9	45.2	0.029	1.7	335
47527 (2351437)	<1	8.49	<5	<20	465	<5	0.3	1.33	0.6	53.1	24.1	0.031	3.0	184
47528 (2351438)	<1	7.57	<5	<20	197	<5	2.3	1.61	5.7	67.0	60.0	0.023	1.6	514
47529 (2351439)	<1	7.47	<5	<20	334	<5	7.0	1.93	6.0	63.0	53.7	0.023	2.0	685
47530 (2351440)	<1	9.56	<5	<20	643	<5	1.6	2.36	0.9	69.7	32.3	0.035	4.4	258
47531 (2351441)	<1	3.47	<5	<20	301	<5	0.7	3.51	<0.2	4.9	96.9	0.210	15.1	81
47532 (2351442)	<1	3.13	<5	<20	18.6	<5	0.7	2.31	<0.2	2.0	111	0.235	1.5	24

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734091

PROJECT: 2021 Surimeau DDH Batch 41

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 15, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
47533 (2351443)	<1	2.99	<5	<20	4.3	<5	0.3	5.36	<0.2	1.3	92.9	0.221	0.7	39
47534 (2351444)	<1	7.17	<5	<20	332	<5	0.5	7.33	<0.2	4.5	136	0.418	7.4	427
47535 (2351445)	<1	8.08	<5	<20	273	<5	2.8	3.57	26.4	52.0	92.1	0.028	0.6	553
47536 (2351446)	<1	9.31	<5	<20	469	<5	4.7	1.76	7.5	61.5	55.3	0.035	1.7	849
47537 (2351447)	<1	9.59	<5	<20	1980	<5	0.4	1.19	2.4	71.7	53.3	0.045	32.0	211
47538 (2351448)	<1	3.97	<5	<20	508	<5	0.3	4.54	<0.2	3.4	76.4	0.196	24.7	80
47539 (2351449)	<1	3.77	<5	<20	122	<5	0.2	4.94	<0.2	2.1	77.4	0.226	6.4	51
47540 (2351450)	<1	3.91	<5	<20	<0.5	<5	0.3	4.80	<0.2	1.5	91.1	0.264	0.4	56
47541 (2351451)	<1	3.00	<5	<20	<0.5	<5	0.5	5.32	0.2	1.4	99.2	0.227	0.4	27
47542 (2351452)	<1	3.02	<5	<20	<0.5	<5	0.4	5.56	<0.2	1.5	94.8	0.216	0.3	29
47543 (2351453)	<1	2.97	<5	<20	<0.5	<5	0.7	4.64	<0.2	1.4	100	0.225	0.5	8
47544 (2351454)	<1	3.58	<5	<20	8.6	<5	0.4	5.12	<0.2	6.6	94.3	0.244	0.6	37
47545 C-DUP (2351455)	<1	3.55	<5	<20	8.7	<5	0.4	5.17	<0.2	6.5	96.2	0.244	0.8	35
47546 (2351456)	<1	3.27	<5	<20	<0.5	<5	0.3	5.55	<0.2	1.9	95.8	0.235	0.4	38
47547 (2351457)	<1	4.09	<5	<20	<0.5	<5	0.2	5.37	<0.2	1.9	97.1	0.275	0.5	63
47548 (2351458)	<1	2.45	<5	<20	245	<5	0.2	11.9	<0.2	3.9	70.1	0.190	8.8	38
47549 (2351459)	<1	3.29	<5	<20	143	<5	0.2	6.85	<0.2	3.5	85.2	0.221	6.7	40
47550 (2351460)	<1	6.32	<5	<20	647	<5	0.4	5.77	<0.2	52.2	60.6	0.122	17.2	<5

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734091

PROJECT: 2021 Surimeau DDH Batch 41

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 15, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
47501 (2351411)	1.10	0.76	<0.05	6.79	8.18	0.76	2	<1	0.27	<0.2	<0.05	0.6	<10	0.08
47502 (2351412)	2.74	1.41	0.61	4.46	17.8	2.86	1	4	0.48	<0.2	2.56	17.6	42	0.20
47503 (2351413)	0.99	0.80	<0.05	7.60	9.24	1.06	2	<1	0.29	<0.2	<0.05	0.6	<10	0.09
47504 (2351414)	1.27	0.83	<0.05	7.26	6.44	1.01	1	<1	0.25	<0.2	<0.05	0.3	<10	0.11
47505 (2351415)	1.75	1.40	0.63	7.55	7.95	1.42	2	<1	0.42	<0.2	0.59	1.1	23	0.20
47506 (2351416)	1.10	0.89	<0.05	7.02	7.29	1.09	3	<1	0.28	<0.2	<0.05	0.5	<10	0.10
47507 (2351417)	1.22	0.82	<0.05	7.69	5.73	0.82	2	<1	0.28	<0.2	<0.05	0.7	<10	0.11
47508 (2351418)	1.65	0.89	<0.05	7.66	9.27	1.24	2	<1	0.30	<0.2	<0.05	0.8	<10	0.12
47509 (2351419)	1.06	0.67	<0.05	7.05	7.90	0.81	3	<1	0.23	<0.2	<0.05	0.5	<10	0.09
47510 (2351420)	1.09	0.69	<0.05	7.00	9.22	0.77	1	<1	0.22	<0.2	<0.05	0.6	<10	0.13
47511 (2351421)	1.16	0.81	0.06	6.95	6.17	0.85	1	<1	0.24	<0.2	<0.05	0.4	<10	0.13
47512 C-DUP (2351422)	1.05	0.79	<0.05	7.00	6.83	0.88	2	<1	0.27	<0.2	<0.05	0.5	<10	0.11
47513 (2351423)	2.04	1.18	0.47	9.43	9.97	1.59	2	<1	0.43	<0.2	0.10	1.8	17	0.20
47514 (2351424)	1.16	0.86	<0.05	7.22	5.50	0.85	2	<1	0.31	<0.2	<0.05	0.3	<10	0.11
47515 (2351425)	1.22	0.88	<0.05	7.44	7.00	1.07	3	<1	0.27	<0.2	<0.05	0.4	<10	0.11
47516 (2351426)	1.29	0.81	<0.05	6.93	7.64	0.71	2	<1	0.26	<0.2	<0.05	0.4	<10	0.09
47517 (2351427)	1.84	1.09	0.14	8.21	6.63	1.23	3	<1	0.35	<0.2	<0.05	1.1	<10	0.15
47518 (2351428)	1.43	1.03	0.19	7.07	8.77	1.01	3	<1	0.31	<0.2	1.09	1.2	39	0.12
47519 (2351429)	3.26	1.68	0.82	8.09	22.6	3.81	3	2	0.60	<0.2	2.02	17.0	102	0.25
47520 (2351430)	3.21	1.62	1.11	4.15	25.4	3.76	3	3	0.57	<0.2	1.19	27.0	37	0.22
47521 (2351431)	2.50	1.49	0.97	3.93	22.5	3.59	1	4	0.56	0.3	1.55	28.1	52	0.25
47522 (2351432)	2.77	1.64	0.54	2.81	9.52	3.08	1	5	0.55	<0.2	1.53	17.1	20	0.24
47523 (2351433)	3.20	1.47	1.21	4.43	22.6	4.97	4	4	0.53	<0.2	1.65	35.6	37	0.25
47524 (2351434)	2.74	1.59	1.32	3.13	28.9	4.05	3	4	0.56	<0.2	3.09	29.7	38	0.25
47525 (2351435)	2.52	1.41	1.00	4.05	22.3	3.80	2	4	0.51	0.3	2.27	29.5	40	0.24
47526 (2351436)	2.90	1.81	1.14	5.89	20.1	3.97	2	4	0.55	0.5	1.20	29.7	35	0.29
47527 (2351437)	2.73	1.66	0.96	3.73	20.7	3.35	<1	4	0.44	<0.2	3.24	25.8	54	0.18
47528 (2351438)	3.04	1.76	1.19	8.84	24.1	4.10	1	4	0.58	0.8	0.94	32.8	32	0.29
47529 (2351439)	3.41	2.20	1.53	10.3	19.8	4.10	2	4	0.68	0.7	1.00	28.8	43	0.32
47530 (2351440)	3.73	1.83	1.58	5.05	24.9	4.65	1	4	0.72	<0.2	1.02	33.6	51	0.20
47531 (2351441)	1.43	0.83	<0.05	6.90	10.1	0.92	3	<1	0.27	<0.2	2.00	2.2	55	0.11
47532 (2351442)	0.75	0.49	<0.05	7.39	7.29	0.57	4	<1	0.19	<0.2	0.16	0.7	<10	0.09

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734091

PROJECT: 2021 Surimeau DDH Batch 41

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 15, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
47533 (2351443)	1.53	0.88	<0.05	6.95	8.69	1.13	3	<1	0.28	<0.2	0.07	0.3	<10	0.13
47534 (2351444)	2.24	1.57	0.27	9.88	14.4	1.52	1	<1	0.45	<0.2	1.19	2.2	39	0.21
47535 (2351445)	4.13	2.02	1.78	7.12	26.4	4.51	4	3	0.75	5.2	0.42	23.7	14	0.32
47536 (2351446)	3.60	1.98	1.60	4.65	29.1	4.12	3	4	0.64	1.5	0.69	29.0	31	0.29
47537 (2351447)	4.68	2.54	0.96	7.34	39.8	5.90	2	5	1.01	0.5	4.49	34.3	225	0.44
47538 (2351448)	2.02	1.29	0.25	6.78	13.5	1.53	3	<1	0.42	<0.2	2.97	1.0	84	0.15
47539 (2351449)	1.51	0.75	0.09	7.00	7.62	1.10	3	<1	0.34	<0.2	0.77	0.7	24	0.11
47540 (2351450)	1.40	1.10	0.12	7.52	11.3	0.92	4	<1	0.33	<0.2	<0.05	0.6	<10	0.11
47541 (2351451)	1.13	0.87	<0.05	7.10	5.82	1.06	2	<1	0.28	<0.2	<0.05	0.5	<10	0.10
47542 (2351452)	1.31	0.87	0.13	7.14	7.26	0.96	3	<1	0.27	<0.2	<0.05	0.6	<10	0.12
47543 (2351453)	1.00	0.76	<0.05	7.42	7.95	0.97	<1	<1	0.22	<0.2	<0.05	0.4	<10	0.12
47544 (2351454)	1.33	0.92	0.17	7.52	7.74	1.35	2	<1	0.31	<0.2	0.08	2.9	<10	0.11
47545 C-DUP (2351455)	1.59	0.80	0.13	7.55	6.20	1.34	3	<1	0.35	<0.2	0.07	2.7	<10	0.15
47546 (2351456)	1.32	1.11	0.16	7.35	7.54	1.14	3	<1	0.31	<0.2	<0.05	0.6	<10	0.12
47547 (2351457)	1.47	1.06	0.15	8.19	9.70	1.08	2	<1	0.32	<0.2	<0.05	0.7	<10	0.12
47548 (2351458)	1.77	1.17	0.10	6.29	3.86	1.46	<1	<1	0.38	<0.2	1.20	2.2	34	0.17
47549 (2351459)	1.36	0.80	0.41	6.95	9.68	1.12	1	<1	0.30	<0.2	0.75	1.5	23	0.14
47550 (2351460)	3.64	2.01	1.35	8.12	23.3	5.07	2	3	0.68	<0.2	2.21	23.1	84	0.32

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734091

PROJECT: 2021 Surimeau DDH Batch 41

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 15, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
47501 (2351411)	14.4	1310	<2	<1	1.8	1290	<0.01	<5	0.22	1.3	0.28	<0.1	18	21.9
47502 (2351412)	2.77	814	14	6	17.4	45	0.03	5	4.74	80.6	0.09	<0.1	16	29.9
47503 (2351413)	15.5	1350	<2	<1	1.7	1330	<0.01	<5	0.23	0.7	0.21	<0.1	23	21.5
47504 (2351414)	14.4	1150	<2	<1	1.7	1350	<0.01	<5	0.19	0.8	0.44	<0.1	21	23.4
47505 (2351415)	9.50	2720	<2	<1	2.1	1290	<0.01	11	0.46	25.2	0.34	<0.1	28	17.3
47506 (2351416)	14.3	1190	<2	<1	1.1	1360	<0.01	<5	0.31	0.2	0.26	<0.1	20	23.1
47507 (2351417)	14.6	1300	<2	<1	1.6	1040	<0.01	<5	0.31	2.0	0.15	0.1	23	21.7
47508 (2351418)	14.8	1030	<2	<1	2.4	1120	<0.01	<5	0.40	0.5	0.19	<0.1	24	21.9
47509 (2351419)	15.8	1060	<2	<1	1.2	1520	<0.01	<5	0.22	1.1	0.10	<0.1	19	22.4
47510 (2351420)	15.6	1020	<2	<1	1.3	1470	<0.01	<5	0.26	<0.2	0.12	0.1	18	23.0
47511 (2351421)	14.0	1240	<2	<1	1.4	1440	<0.01	<5	0.22	0.3	0.32	0.1	19	22.7
47512 C-DUP (2351422)	14.1	1260	<2	<1	1.6	1430	<0.01	<5	0.28	<0.2	0.32	<0.1	19	23.1
47513 (2351423)	11.5	2470	<2	<1	3.0	1320	<0.01	18	0.59	4.2	0.59	0.2	33	17.9
47514 (2351424)	14.2	1260	<2	<1	1.4	1200	<0.01	<5	0.26	<0.2	0.54	0.1	21	23.5
47515 (2351425)	14.6	1310	<2	<1	1.8	1300	<0.01	<5	0.26	0.3	0.64	<0.1	21	23.7
47516 (2351426)	14.5	1140	<2	<1	1.7	1420	<0.01	<5	0.21	<0.2	0.57	<0.1	20	24.7
47517 (2351427)	13.0	2210	<2	<1	1.9	1440	<0.01	<5	0.41	<0.2	0.78	0.2	27	23.1
47518 (2351428)	11.0	2270	<2	<1	1.8	1390	<0.01	<5	0.32	52.0	0.31	0.2	23	24.4
47519 (2351429)	6.60	1700	3	3	19.4	1140	0.07	22	4.49	103	0.95	<0.1	34	23.8
47520 (2351430)	1.99	546	12	6	27.8	128	0.05	22	7.01	54.9	1.72	<0.1	17	30.4
47521 (2351431)	1.84	655	12	6	26.1	107	0.06	19	6.96	84.7	1.42	<0.1	12	31.2
47522 (2351432)	4.04	739	13	4	19.2	31	0.02	<5	4.78	30.6	0.26	<0.1	7	27.1
47523 (2351433)	2.28	717	8	6	36.1	70	0.12	37	9.69	61.1	2.44	<0.1	15	29.9
47524 (2351434)	1.17	278	8	6	26.7	88	0.06	65	7.29	84.2	1.76	0.3	14	28.8
47525 (2351435)	1.30	382	11	6	26.4	135	0.05	40	7.05	90.0	2.37	0.3	12	30.6
47526 (2351436)	0.96	436	18	5	28.5	177	0.05	37	7.32	59.2	3.58	<0.1	12	28.6
47527 (2351437)	1.64	369	11	6	24.6	99	0.04	34	6.44	117	2.15	<0.1	14	31.3
47528 (2351438)	0.89	388	15	6	29.5	247	0.03	45	8.12	46.0	5.59	<0.1	15	25.3
47529 (2351439)	1.35	478	16	6	29.6	249	0.06	104	7.66	54.7	6.59	0.4	17	24.4
47530 (2351440)	2.56	540	105	7	32.2	134	0.08	81	8.92	57.4	2.47	<0.1	22	28.3
47531 (2351441)	15.2	1250	<2	1	3.5	1450	<0.01	42	0.78	95.2	1.88	0.2	19	23.3
47532 (2351442)	17.5	1100	<2	<1	1.4	1690	<0.01	6	0.26	8.0	1.75	0.2	18	22.2

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734091

PROJECT: 2021 Surimeau DDH Batch 41

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 15, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
47533 (2351443)	15.3	1420	<2	<1	1.7	1420	<0.01	<5	0.31	4.1	1.98	0.1	18	23.7
47534 (2351444)	7.97	1730	24	1	3.4	1490	<0.01	25	0.70	51.0	4.00	<0.1	40	18.1
47535 (2351445)	2.01	773	14	6	25.5	471	0.04	117	6.58	18.7	5.01	<0.1	18	25.8
47536 (2351446)	1.70	422	6	6	31.4	250	0.05	188	7.78	36.5	2.72	0.1	19	27.6
47537 (2351447)	7.73	924	44	6	35.5	186	0.24	90	9.13	209	0.70	0.1	33	21.5
47538 (2351448)	13.2	1290	2	1	3.2	870	<0.01	13	0.62	145	0.85	<0.1	25	23.3
47539 (2351449)	14.4	1250	<2	<1	1.8	785	<0.01	<5	0.37	37.4	0.94	0.1	23	22.3
47540 (2351450)	14.4	1150	<2	<1	1.6	975	<0.01	<5	0.28	1.7	1.05	<0.1	26	21.3
47541 (2351451)	15.1	1300	<2	<1	1.5	1370	<0.01	<5	0.26	1.3	0.53	<0.1	20	22.1
47542 (2351452)	15.0	1320	<2	<1	1.5	1280	<0.01	<5	0.23	1.5	0.58	<0.1	19	22.0
47543 (2351453)	15.6	1420	<2	<1	1.2	1460	<0.01	<5	0.21	1.8	0.30	0.1	18	21.5
47544 (2351454)	15.0	1310	<2	<1	4.2	1320	<0.01	<5	0.95	3.6	0.59	0.1	20	21.2
47545 C-DUP (2351455)	15.1	1320	<2	<1	4.0	1290	<0.01	<5	0.97	3.5	0.61	0.2	21	21.4
47546 (2351456)	14.5	1340	<2	<1	1.6	1300	<0.01	<5	0.30	1.5	0.52	0.1	20	21.6
47547 (2351457)	14.9	1270	<2	<1	1.9	1130	<0.01	<5	0.35	1.6	0.73	<0.1	23	19.9
47548 (2351458)	11.8	2110	<2	<1	3.0	876	<0.01	9	0.56	61.3	0.54	0.2	16	14.7
47549 (2351459)	13.3	1330	<2	<1	2.1	1160	<0.01	<5	0.45	31.4	0.42	0.2	19	22.3
47550 (2351460)	9.09	1440	<2	4	29.7	464	0.16	21	6.91	101	0.11	0.2	29	22.6

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734091

PROJECT: 2021 Surimeau DDH Batch 41

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 15, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
47501 (2351411)	0.4	<1	85.2	<0.5	0.13	<0.1	0.15	<0.5	0.10	<0.05	119	<1	6.3	0.7
47502 (2351412)	3.0	<1	153	<0.5	0.40	5.9	0.38	0.5	0.18	1.10	135	<1	12.2	1.2
47503 (2351413)	0.6	<1	65.0	<0.5	0.17	<0.1	0.20	<0.5	0.13	<0.05	150	<1	7.0	0.8
47504 (2351414)	0.6	<1	24.8	<0.5	0.15	<0.1	0.18	<0.5	0.12	0.12	144	<1	7.4	0.7
47505 (2351415)	1.0	<1	272	<0.5	0.25	<0.1	0.25	<0.5	0.19	<0.05	181	<1	11.4	1.2
47506 (2351416)	0.4	<1	30.3	<0.5	0.18	<0.1	0.17	<0.5	0.11	<0.05	122	<1	6.8	0.8
47507 (2351417)	0.6	<1	55.8	<0.5	0.21	<0.1	0.21	<0.5	0.11	<0.05	145	<1	6.9	0.9
47508 (2351418)	1.0	<1	33.2	<0.5	0.23	0.1	0.24	<0.5	0.12	0.06	163	<1	8.7	0.8
47509 (2351419)	0.5	<1	54.2	<0.5	0.15	<0.1	0.17	<0.5	0.10	<0.05	129	<1	6.2	0.7
47510 (2351420)	0.4	<1	50.1	<0.5	0.13	<0.1	0.16	<0.5	0.09	<0.05	121	<1	6.4	0.7
47511 (2351421)	0.7	<1	50.4	<0.5	0.17	<0.1	0.17	<0.5	0.11	<0.05	133	<1	6.7	0.9
47512 C-DUP (2351422)	0.6	<1	51.3	<0.5	0.18	<0.1	0.17	<0.5	0.14	<0.05	129	<1	6.6	0.7
47513 (2351423)	1.1	<1	183	<0.5	0.26	<0.1	0.27	<0.5	0.16	<0.05	215	<1	11.4	1.3
47514 (2351424)	0.6	<1	18.9	<0.5	0.18	<0.1	0.18	<0.5	0.11	<0.05	136	1	7.3	0.9
47515 (2351425)	0.7	<1	20.2	<0.5	0.18	<0.1	0.20	<0.5	0.12	<0.05	142	<1	6.5	0.8
47516 (2351426)	0.6	<1	17.5	<0.5	0.16	<0.1	0.18	<0.5	0.13	<0.05	130	<1	6.1	0.7
47517 (2351427)	0.7	<1	22.4	<0.5	0.21	<0.1	0.24	<0.5	0.14	<0.05	166	<1	8.5	1.0
47518 (2351428)	0.8	<1	49.2	<0.5	0.20	0.1	0.19	0.9	0.16	0.07	157	<1	8.8	1.0
47519 (2351429)	4.1	2	528	<0.5	0.49	3.6	0.40	1.7	0.25	1.00	240	<1	17.8	1.7
47520 (2351430)	4.9	3	238	0.7	0.57	7.9	0.38	1.3	0.23	2.43	144	<1	16.0	1.6
47521 (2351431)	3.8	<1	263	0.6	0.50	7.7	0.34	2.1	0.19	2.58	107	<1	14.4	1.5
47522 (2351432)	3.6	<1	139	<0.5	0.46	3.0	0.27	<0.5	0.20	0.86	66	<1	16.7	1.9
47523 (2351433)	5.7	5	740	0.6	0.62	7.7	0.39	1.5	0.19	2.49	125	<1	16.8	1.4
47524 (2351434)	5.1	6	167	0.7	0.48	8.9	0.36	2.1	0.21	2.79	113	<1	15.5	1.6
47525 (2351435)	5.1	2	132	0.6	0.46	7.6	0.32	2.2	0.27	2.57	101	1	14.6	1.3
47526 (2351436)	5.3	4	150	0.6	0.50	8.4	0.31	1.3	0.23	2.68	91	1	14.7	1.7
47527 (2351437)	4.3	2	114	0.6	0.40	7.3	0.35	3.1	0.21	2.41	119	<1	13.8	1.4
47528 (2351438)	5.6	6	114	0.6	0.51	9.6	0.28	1.3	0.29	2.66	94	1	17.0	1.8
47529 (2351439)	5.4	3	245	0.6	0.62	8.5	0.32	1.3	0.30	2.83	127	<1	17.4	1.9
47530 (2351440)	5.9	2	559	0.7	0.64	8.9	0.45	1.0	0.28	3.14	167	1	18.3	1.8
47531 (2351441)	1.3	<1	13.4	<0.5	0.18	0.6	0.19	1.9	0.15	0.21	144	<1	7.5	1.1
47532 (2351442)	0.7	<1	12.4	<0.5	0.15	0.2	0.18	<0.5	0.07	0.10	131	<1	4.7	0.6

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734091

PROJECT: 2021 Surimeau DDH Batch 41

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 15, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
47533 (2351443)	0.7	<1	14.4	<0.5	0.18	<0.1	0.17	<0.5	0.12	0.06	120	<1	7.8	0.7
47534 (2351444)	1.4	3	278	<0.5	0.28	0.2	0.37	1.0	0.18	0.09	252	<1	12.6	1.4
47535 (2351445)	4.6	18	134	0.5	0.65	5.6	0.35	0.6	0.33	1.72	118	<1	20.1	2.1
47536 (2351446)	5.9	19	135	0.9	0.57	8.3	0.42	0.9	0.29	2.43	151	<1	19.2	2.1
47537 (2351447)	6.6	8	462	0.7	0.85	10.7	0.52	3.0	0.37	3.49	270	1	26.8	2.4
47538 (2351448)	1.2	<1	26.1	<0.5	0.33	0.4	0.18	2.0	0.13	0.21	155	<1	10.9	1.2
47539 (2351449)	1.0	<1	25.7	<0.5	0.25	0.1	0.20	0.6	0.15	0.22	157	<1	8.9	0.9
47540 (2351450)	0.6	<1	31.2	<0.5	0.19	<0.1	0.24	<0.5	0.12	0.09	162	<1	7.8	0.9
47541 (2351451)	0.6	<1	96.6	<0.5	0.16	<0.1	0.17	<0.5	0.11	<0.05	130	<1	7.1	0.7
47542 (2351452)	0.5	<1	105	<0.5	0.11	<0.1	0.16	<0.5	0.10	<0.05	129	<1	6.8	0.7
47543 (2351453)	0.4	<1	148	<0.5	0.14	<0.1	0.17	<0.5	0.09	<0.05	125	5	6.7	0.7
47544 (2351454)	1.3	<1	110	<0.5	0.21	0.3	0.21	<0.5	0.16	0.12	147	<1	8.2	1.0
47545 C-DUP (2351455)	1.2	<1	112	<0.5	0.25	0.3	0.20	<0.5	0.15	0.10	144	<1	7.9	0.9
47546 (2351456)	0.9	<1	105	<0.5	0.19	<0.1	0.18	<0.5	0.14	0.06	134	<1	7.1	0.8
47547 (2351457)	0.8	<1	125	<0.5	0.23	<0.1	0.24	<0.5	0.13	0.07	171	<1	7.7	0.9
47548 (2351458)	1.0	<1	473	<0.5	0.22	<0.1	0.14	0.7	0.14	<0.05	109	<1	10.0	1.1
47549 (2351459)	0.8	<1	104	<0.5	0.19	<0.1	0.18	<0.5	0.11	0.09	130	<1	8.2	0.8
47550 (2351460)	6.3	<1	639	<0.5	0.72	5.0	0.53	1.2	0.26	1.65	232	<1	19.4	2.0

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734091

PROJECT: 2021 Surimeau DDH Batch 41

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 15, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
47501 (2351411)	45	18.4
47502 (2351412)	59	142
47503 (2351413)	64	20.3
47504 (2351414)	67	16.9
47505 (2351415)	71	19.9
47506 (2351416)	55	14.3
47507 (2351417)	59	17.4
47508 (2351418)	52	21.2
47509 (2351419)	48	17.9
47510 (2351420)	45	14.0
47511 (2351421)	47	13.9
47512 C-DUP (2351422)	49	13.6
47513 (2351423)	76	23.5
47514 (2351424)	52	15.5
47515 (2351425)	50	15.3
47516 (2351426)	42	13.9
47517 (2351427)	76	18.4
47518 (2351428)	67	19.1
47519 (2351429)	156	74.2
47520 (2351430)	404	124
47521 (2351431)	1600	140
47522 (2351432)	24	192
47523 (2351433)	133	137
47524 (2351434)	131	155
47525 (2351435)	926	142
47526 (2351436)	2620	141
47527 (2351437)	291	139
47528 (2351438)	2780	132
47529 (2351439)	3170	123
47530 (2351440)	505	136
47531 (2351441)	127	31.6
47532 (2351442)	71	19.2

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734091

PROJECT: 2021 Surimeau DDH Batch 41

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 15, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
47533 (2351443)	64	13.4
47534 (2351444)	160	32.3
47535 (2351445)	15400	133
47536 (2351446)	4460	135
47537 (2351447)	1340	202
47538 (2351448)	142	20.2
47539 (2351449)	97	20.7
47540 (2351450)	65	23.2
47541 (2351451)	62	15.2
47542 (2351452)	64	13.8
47543 (2351453)	64	14.6
47544 (2351454)	59	20.3
47545 C-DUP (2351455)	61	22.6
47546 (2351456)	54	15.2
47547 (2351457)	62	24.0
47548 (2351458)	50	13.1
47549 (2351459)	67	14.6
47550 (2351460)	114	95.5

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734091

PROJECT: 2021 Surimeau DDH Batch 41

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 15, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
47501 (2351411)	79.07
47520 (2351430)	80.79
47540 (2351450)	77.79

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734091

PROJECT: 2021 Surimeau DDH Batch 41

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 14, 2021 | DATE RECEIVED: Apr 15, 2021 | DATE REPORTED: Sep 15, 2021 | SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
47501 (2351411)		88.29
47521 (2351431)		87.36
47549 (2351459)		89.30

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2351411	< 1	< 1	0.0%	2351425	< 1	< 1	0.0%	2351436	< 1	< 1	0.0%	2351451	< 1	< 1	0.0%
Al	2351411	2.71	2.62	3.4%	2351425	3.39	3.41	0.6%	2351436	7.90	7.92	0.3%	2351451	3.00	2.97	1.0%
As	2351411	< 5	< 5	0.0%	2351425	< 5	< 5	0.0%	2351436	< 5	< 5	0.0%	2351451	< 5	< 5	0.0%
B	2351411	< 20	< 20	0.0%	2351425	< 20	< 20	0.0%	2351436	< 20	< 20	0.0%	2351451	< 20	< 20	0.0%
Ba	2351411	2.3	1.5	42.1%	2351425	< 0.5	< 0.5	0.0%	2351436	319	324	1.6%	2351451	< 0.5	< 0.5	0.0%
Be	2351411	< 5	< 5	0.0%	2351425	< 5	< 5	0.0%	2351436	< 5	< 5	0.0%	2351451	< 5	< 5	0.0%
Bi	2351411	0.24	0.27	11.8%	2351425	0.2	0.2	0.0%	2351436	1.7	1.7	0.0%	2351451	0.46	0.41	11.5%
Ca	2351411	6.84	6.94	1.5%	2351425	5.80	5.83	0.5%	2351436	1.84	1.84	0.0%	2351451	5.32	5.26	1.1%
Cd	2351411	< 0.2	< 0.2	0.0%	2351425	< 0.2	< 0.2	0.0%	2351436	4.02	4.41	9.3%	2351451	0.2	0.4	
Ce	2351411	1.57	1.25	22.7%	2351425	1.3	1.3	0.0%	2351436	62.9	62.2	1.1%	2351451	1.4	1.4	0.0%
Co	2351411	93.6	89.6	4.4%	2351425	92.5	97.0	4.7%	2351436	45.2	45.0	0.4%	2351451	99.2	97.7	1.5%
Cr	2351411	0.204	0.195	4.5%	2351425	0.245	0.244	0.4%	2351436	0.029	0.030	3.4%	2351451	0.227	0.226	0.4%
Cs	2351411	0.3	0.3	0.0%	2351425	0.4	0.3	28.6%	2351436	1.68	1.53	9.3%	2351451	0.41	0.50	19.8%
Cu	2351411	38	40	5.1%	2351425	57	55	3.6%	2351436	335	332	0.9%	2351451	27	31	13.8%
Dy	2351411	1.10	1.03	6.6%	2351425	1.22	1.41	14.4%	2351436	2.90	2.86	1.4%	2351451	1.13	1.07	5.5%
Er	2351411	0.762	0.845	10.3%	2351425	0.880	0.861	2.2%	2351436	1.81	1.82	0.6%	2351451	0.87	0.71	20.3%
Eu	2351411	0.044	0.052	16.7%	2351425	< 0.05	< 0.05	0.0%	2351436	1.14	1.18	3.4%	2351451	< 0.05	0.09	
Fe	2351411	6.79	6.70	1.3%	2351425	7.44	7.48	0.5%	2351436	5.89	5.89	0.0%	2351451	7.10	7.05	0.7%
Ga	2351411	8.18	7.29	11.5%	2351425	7.00	7.90	12.1%	2351436	20.1	22.4	10.8%	2351451	5.82	6.31	8.1%
Gd	2351411	0.76	0.88	14.6%	2351425	1.07	1.13	5.5%	2351436	3.97	3.44	14.3%	2351451	1.06	0.90	16.3%
Ge	2351411	2	2	0.0%	2351425	3	3	0.0%	2351436	2	< 1		2351451	2	3	
Hf	2351411	< 1	< 1	0.0%	2351425	< 1	< 1	0.0%	2351436	4	4	0.0%	2351451	< 1	< 1	0.0%
Ho	2351411	0.27	0.30	10.5%	2351425	0.27	0.25	7.7%	2351436	0.55	0.47	15.7%	2351451	0.28	0.25	11.3%
In	2351411	< 0.2	< 0.2	0.0%	2351425	< 0.2	< 0.2	0.0%	2351436	0.5	0.5	0.0%	2351451	< 0.2	< 0.2	0.0%
K	2351411	< 0.05	< 0.05	0.0%	2351425	< 0.05	< 0.05	0.0%	2351436	1.20	1.21	0.8%	2351451	< 0.05	< 0.05	0.0%
La	2351411	0.6	0.4		2351425	0.4	0.4	0.0%	2351436	29.7	29.4	1.0%	2351451	0.52	0.43	18.9%
Li	2351411	< 10	< 10	0.0%	2351425	< 10	< 10	0.0%	2351436	35	34	2.9%	2351451	< 10	< 10	0.0%
Lu	2351411	0.08	0.12		2351425	0.114	0.105	8.2%	2351436	0.292	0.243	18.3%	2351451	0.097	0.106	8.9%
Mg	2351411	14.4	14.2	1.4%	2351425	14.6	14.3	2.1%	2351436	0.96	0.98	2.1%	2351451	15.1	14.8	2.0%
Mn	2351411	1310	1300	0.8%	2351425	1310	1310	0.0%	2351436	436	436	0.0%	2351451	1300	1290	0.8%
Mo	2351411	< 2	< 2	0.0%	2351425	< 2	< 2	0.0%	2351436	18	18	0.0%	2351451	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2351411	< 1	< 1	0.0%	2351425	< 1	< 1	0.0%	2351436	5	6	18.2%	2351451	< 1	< 1	0.0%
Nd	2351411	1.8	1.8	0.0%	2351425	1.8	1.8	0.0%	2351436	28.5	28.0	1.8%	2351451	1.52	1.66	8.8%
Ni	2351411	1290	1260	2.4%	2351425	1300	1290	0.8%	2351436	177	180	1.7%	2351451	1370	1350	1.5%
P	2351411	< 0.01	< 0.01	0.0%	2351425	< 0.01	< 0.01	0.0%	2351436	0.05	0.05	0.0%	2351451	< 0.01	< 0.01	0.0%
Pb	2351411	< 5	< 5	0.0%	2351425	< 5	< 5	0.0%	2351436	37	38	2.7%	2351451	< 5	< 5	0.0%
Pr	2351411	0.22	0.22	0.0%	2351425	0.260	0.319	20.4%	2351436	7.32	7.21	1.5%	2351451	0.26	0.19	
Rb	2351411	1.3	1.1	16.7%	2351425	0.3	< 0.2		2351436	59.2	55.7	6.1%	2351451	1.3	1.3	0.0%
S	2351411	0.282	0.287	1.8%	2351425	0.64	0.64	0.0%	2351436	3.58	3.66	2.2%	2351451	0.53	0.53	0.0%
Sb	2351411	< 0.1	< 0.1	0.0%	2351425	< 0.1	< 0.1	0.0%	2351436	< 0.1	< 0.1	0.0%	2351451	< 0.1	< 0.1	0.0%
Sc	2351411	18	17	5.7%	2351425	21	21	0.0%	2351436	12	12	0.0%	2351451	20	19	5.1%
Si	2351411	21.9	21.4	2.3%	2351425	23.7	23.7	0.0%	2351436	28.6	29.0	1.4%	2351451	22.1	21.8	1.4%
Sm	2351411	0.44	0.57	25.7%	2351425	0.71	0.79	10.7%	2351436	5.26	5.13	2.5%	2351451	0.6	0.5	18.2%
Sn	2351411	< 1	< 1	0.0%	2351425	< 1	< 1	0.0%	2351436	4	4	0.0%	2351451	< 1	< 1	0.0%
Sr	2351411	85.2	86.0	0.9%	2351425	20.2	20.1	0.5%	2351436	150	150	0.0%	2351451	96.6	95.7	0.9%
Ta	2351411	< 0.5	< 0.5	0.0%	2351425	< 0.5	< 0.5	0.0%	2351436	0.6	0.6	0.0%	2351451	< 0.5	< 0.5	0.0%
Tb	2351411	0.13	0.13	0.0%	2351425	0.18	0.14	25.0%	2351436	0.503	0.507	0.8%	2351451	0.16	0.15	6.5%
Th	2351411	< 0.1	< 0.1	0.0%	2351425	< 0.1	< 0.1	0.0%	2351436	8.4	8.4	0.0%	2351451	< 0.1	< 0.1	0.0%
Ti	2351411	0.15	0.15	0.0%	2351425	0.20	0.20	0.0%	2351436	0.31	0.31	0.0%	2351451	0.17	0.17	0.0%
Tl	2351411	< 0.5	< 0.5	0.0%	2351425	< 0.5	< 0.5	0.0%	2351436	1.35	1.42	5.1%	2351451	< 0.5	< 0.5	0.0%
Tm	2351411	0.10	0.13	26.1%	2351425	0.123	0.141	13.6%	2351436	0.230	0.255	10.3%	2351451	0.106	0.099	6.8%
U	2351411	< 0.05	< 0.05	0.0%	2351425	< 0.05	< 0.05	0.0%	2351436	2.68	2.91	8.2%	2351451	< 0.05	< 0.05	0.0%
V	2351411	119	117	1.7%	2351425	142	140	1.4%	2351436	91	94	3.2%	2351451	130	128	1.6%
W	2351411	< 1	< 1	0.0%	2351425	< 1	< 1	0.0%	2351436	1	< 1		2351451	< 1	< 1	0.0%
Y	2351411	6.3	6.5	3.1%	2351425	6.54	7.64	15.5%	2351436	14.7	14.4	2.1%	2351451	7.1	6.6	7.3%
Yb	2351411	0.7	0.7	0.0%	2351425	0.8	0.8	0.0%	2351436	1.7	1.7	0.0%	2351451	0.75	0.75	0.0%
Zn	2351411	45	48	6.5%	2351425	50	50	0.0%	2351436	2620	2490	5.1%	2351451	62	62	0.0%
Zr	2351411	18.4	17.4	5.6%	2351425	15.3	14.0	8.9%	2351436	141	141	0.0%	2351451	15.2	15.7	3.2%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O734091

PROJECT: 2021 Surimeau DDH Batch 41

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.47	100%	90% - 110%					6.94	7.13	103%	90% - 110%	13.0	13.2	101%	90% - 110%
As	26	27	103%	90% - 110%												
Ba	540	544	101%	90% - 110%									1310	1410	108%	90% - 110%
Ca	0.907	0.938	103%	90% - 110%					4.01	4.11	102%	90% - 110%	1.42	1.43	101%	90% - 110%
Ce	98	107	109%	90% - 110%	58.2	64.2	110%	90% - 110%								
Co	15	15	98%	90% - 110%												
Cu	150	161	108%	90% - 110%									6.4	6.3	99%	90% - 110%
Er	3.7	4.4	120%	90% - 110%												
Fe	3.77	3.99	106%	90% - 110%					7.56	7.95	105%	90% - 110%	3.27	3.41	104%	90% - 110%
Ga					22.6	23.4	103%	90% - 110%								
Hf	11	10	93%	90% - 110%												
K	2.55	2.68	105%	90% - 110%					2.02	2.16	107%	90% - 110%	3.68	3.98	108%	90% - 110%
La	44	48	109%	90% - 110%	27.5	30.1	110%	90% - 110%								
Li	47	47	100%	90% - 110%									65.0	70.3	108%	90% - 110%
Lu	0.6	0.6	99%	90% - 110%												
Mg	1.1	1.1	97%	90% - 110%					2.41	2.41	100%	90% - 110%				
Mn	780	805	103%	90% - 110%												
Mo	14	15	110%	90% - 110%												
Nb	20	19	97%	90% - 110%	22.6	22.9	101%	90% - 110%								
Nd					27.3	29.9	110%	90% - 110%								
Ni	32	33	103%	90% - 110%												
P													0.061	0.055	90%	90% - 110%
Pb	31	31	100%	90% - 110%												
Rb	144	150	104%	90% - 110%	85.4	93.8	110%	90% - 110%								
Sb	0.8	0.8	106%	90% - 110%												
Sc	12	12	100%	90% - 110%												
Si	28.4	30.2	106%	90% - 110%					23.65	25.3	107%	90% - 110%	24.4	26	107%	90% - 110%
Sm	7.4	7.9	106%	90% - 110%												
Sr	144	158	110%	90% - 110%									310	336	108%	90% - 110%
Ta	1.9	2.3	124%	90% - 110%												
Tb	1.2	1.2	102%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Th	18.4	20.3	110%	90% - 110%												
Ti	0.527	0.544	103%	90% - 110%									0.222	0.225	101%	90% - 110%
U	5.7	6.1	108%	90% - 110%												
V	77	83	108%	90% - 110%												
W	5	6	114%	90% - 110%												
Y	40	43	106%	90% - 110%	25.3	26.1	103%	90% - 110%								
Yb					2.66	3.13	118%	90% - 110%								
Zn	130	127	98%	90% - 110%									75.4	80.5	107%	90% - 110%
Zr	390	382	98%	90% - 110%	157	161	103%	90% - 110%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O734091

PROJECT: 2021 Surimeau DDH Batch 41

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC
AGAT WORK ORDER: 21O734091
PROJECT: 2021 Surimeau DDH Batch 41
ATTENTION TO: Francis Newton
SAMPLING SITE:
SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O734091

PROJECT: 2021 Surimeau DDH Batch 41

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 46

AGAT WORK ORDER: 21O734613

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Jul 26, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734613

PROJECT: 2021 Surimeau DDH Batch 46

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Jul 26, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
47751 (2355774)	3.10
47752 (2355775)	0.86
47753 (2355776)	1.29
47754 (2355777)	2.02
47755 (2355778)	0.06
47756 (2355779)	3.24
47757 (2355780)	4.70
47758 (2355781)	4.44
47759 (2355782)	4.02
47760 (2355783)	3.02
47761 (2355784)	3.36
47762 C-DUP (2355785)	-
47763 (2355786)	3.53
47764 (2355787)	2.25
47765 (2355788)	1.85
47766 (2355789)	3.90
47767 (2355790)	4.02
47768 (2355791)	2.80
47769 (2355792)	2.34
47770 (2355793)	3.54
47771 (2355794)	4.35
47772 (2355795)	0.91
47773 (2355796)	3.87
47774 (2355797)	3.12
47775 (2355798)	4.27
47776 (2355799)	4.10
47777 (2355800)	4.31
47778 (2355801)	4.23
47779 (2355802)	4.02
47780 (2355803)	4.45
47781 (2355804)	2.49

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734613

PROJECT: 2021 Surimeau DDH Batch 46

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Jul 26, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
47782 (2355805)	2.31
47783 (2355806)	1.97
47784 (2355807)	4.38
47785 (2355808)	2.75
47786 (2355809)	4.33
47787 (2355810)	4.06
47788 (2355811)	3.95
47789 (2355812)	2.70
47790 (2355813)	2.77
47791 (2355814)	2.01
47792 (2355815)	1.98
47793 (2355816)	2.52
47794 (2355817)	3.90
47795 C-DUP (2355818)	-
47796 (2355819)	2.52
47797 (2355820)	2.92
47798 (2355821)	2.87
47799 (2355822)	4.06
47800 (2355823)	3.49

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734613

PROJECT: 2021 Surimeau DDH Batch 46

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Jul 26, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
47751 (2355774)	<1	3.43	<5	<20	367	<5	0.3	7.83	0.2	6.0	74.6	0.184	5.2	9
47752 (2355775)	<1	4.95	<5	225	683	<5	<0.1	4.53	<0.2	60.3	11.5	0.016	0.8	23
47753 (2355776)	<1	10.9	<5	565	2000	<5	<0.1	3.56	<0.2	66.3	25.5	0.041	7.3	<5
47754 (2355777)	<1	3.73	<5	<20	101	<5	0.6	4.41	0.3	6.6	93.5	0.196	1.7	7
47755 (2355778)	3	1.07	27	<20	69.2	<5	0.9	2.45	1.1	12.4	1280	0.023	0.7	14300
47756 (2355779)	<1	3.71	<5	<20	6.0	<5	0.4	5.36	<0.2	1.7	93.0	0.240	0.4	58
47757 (2355780)	<1	3.52	<5	<20	229	<5	0.5	5.45	0.2	35.0	89.9	0.199	2.4	53
47758 (2355781)	<1	4.39	<5	<20	623	<5	0.4	6.13	<0.2	105	76.7	0.149	6.4	29
47759 (2355782)	<1	4.95	<5	<20	289	<5	0.6	4.98	<0.2	2.8	116	0.321	5.4	83
47760 (2355783)	<1	5.91	<5	<20	196	<5	0.7	6.42	0.2	4.1	159	0.378	0.3	217
47761 (2355784)	<1	5.62	<5	<20	470	<5	0.9	6.79	<0.2	4.3	184	0.404	0.2	377
47762 C-DUP (2355785)	<1	5.87	<5	<20	484	<5	0.9	7.04	0.2	4.3	176	0.431	0.2	406
47763 (2355786)	<1	6.52	<5	<20	564	<5	1.8	6.01	4.5	15.1	247	0.293	1.0	1020
47764 (2355787)	<1	7.56	<5	<20	507	<5	2.5	1.85	14.3	59.8	72.1	0.026	2.1	857
47765 (2355788)	<1	7.52	<5	<20	525	<5	2.0	1.69	10.2	58.1	60.1	0.022	2.2	694
47766 (2355789)	<1	9.39	<5	<20	1860	<5	0.3	1.23	0.2	59.0	21.6	0.027	3.0	177
47767 (2355790)	<1	8.60	<5	<20	709	<5	0.3	1.20	0.3	59.8	21.9	0.031	3.1	92
47768 (2355791)	<1	8.91	<5	<20	382	<5	0.3	1.76	<0.2	61.9	22.4	0.030	4.5	56
47769 (2355792)	<1	9.84	<5	<20	463	<5	0.5	1.75	0.2	66.6	28.7	0.029	4.7	90
47770 (2355793)	<1	9.65	<5	31	697	<5	0.3	1.08	0.5	79.8	24.4	0.026	6.7	58
47771 (2355794)	<1	8.41	<5	45	1010	<5	0.5	0.64	0.4	103	16.9	0.021	6.1	26
47772 (2355795)	<1	2.48	<5	316	214	<5	<0.1	9.39	<0.2	38.2	3.3	0.019	<0.1	<5
47773 (2355796)	<1	8.93	<5	29	785	<5	0.4	1.24	0.5	64.6	23.2	0.028	4.6	51
47774 (2355797)	4	10.2	<5	<20	1050	<5	0.3	1.26	0.5	72.3	28.1	0.031	8.2	55
47775 (2355798)	<1	9.11	<5	27	727	<5	0.2	1.31	0.3	56.8	23.4	0.029	5.3	47
47776 (2355799)	<1	8.88	<5	<20	712	<5	0.3	1.39	<0.2	63.0	25.0	0.030	5.1	58
47777 (2355800)	<1	9.23	<5	26	804	<5	0.3	1.37	0.4	61.8	24.5	0.031	5.4	56
47778 (2355801)	<1	8.96	<5	32	692	<5	0.3	1.19	0.5	62.6	24.1	0.028	5.0	53
47779 (2355802)	<1	8.70	<5	28	610	<5	0.2	1.25	0.3	61.6	22.9	0.028	6.0	48
47780 (2355803)	<1	8.89	<5	<20	916	<5	0.2	1.64	0.5	66.3	26.2	0.032	6.0	57
47781 (2355804)	<1	8.26	<5	<20	720	<5	0.2	1.45	0.5	64.4	23.5	0.032	4.5	43
47782 (2355805)	<1	9.06	<5	<20	770	<5	0.2	1.34	0.2	67.4	24.0	0.029	3.8	60

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734613

PROJECT: 2021 Surimeau DDH Batch 46

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Jul 26, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
47783 (2355806)	<1	8.67	<5	<20	789	<5	0.3	3.00	0.8	93.6	39.1	0.079	6.3	30
47784 (2355807)	<1	9.40	<5	<20	827	<5	0.2	1.27	0.2	68.2	25.8	0.028	5.9	59
47785 (2355808)	<1	9.76	<5	<20	947	<5	0.2	1.10	0.4	64.8	27.0	0.030	6.8	42
47786 (2355809)	<1	8.99	<5	<20	747	<5	0.3	1.08	0.3	62.6	24.4	0.026	5.1	50
47787 (2355810)	<1	9.06	<5	26	662	<5	0.3	1.24	<0.2	64.0	24.5	0.031	5.1	50
47788 (2355811)	<1	9.24	<5	24	780	<5	0.3	1.19	0.2	64.1	24.0	0.028	5.0	50
47789 (2355812)	<1	8.27	<5	<20	744	<5	0.2	1.19	<0.2	58.7	22.5	0.031	4.9	52
47790 (2355813)	<1	7.54	<5	<20	781	<5	0.2	2.99	<0.2	69.8	27.5	0.045	3.0	52
47791 (2355814)	<1	8.92	<5	<20	1020	<5	0.2	1.39	<0.2	56.7	23.6	0.030	4.4	47
47792 (2355815)	<1	8.67	<5	<20	1070	<5	0.1	1.32	<0.2	58.3	23.7	0.027	4.7	49
47793 (2355816)	<1	8.58	<5	<20	909	<5	0.2	1.24	<0.2	60.8	22.4	0.029	4.8	46
47794 (2355817)	<1	8.83	<5	<20	1390	<5	0.3	1.81	<0.2	88.2	23.9	0.031	4.9	42
47795 C-DUP (2355818)	<1	8.70	<5	<20	1360	<5	0.3	1.82	<0.2	87.2	23.3	0.034	4.7	44
47796 (2355819)	<1	9.15	<5	<20	1350	<5	0.3	1.18	0.2	75.6	22.3	0.025	5.1	47
47797 (2355820)	<1	9.15	<5	<20	972	<5	0.2	1.26	<0.2	68.0	22.6	0.028	4.5	70
47798 (2355821)	<1	7.84	<5	<20	719	<5	0.1	1.04	<0.2	55.4	18.4	0.032	4.6	39
47799 (2355822)	<1	8.60	<5	<20	1040	<5	0.2	1.52	<0.2	61.2	23.9	0.030	4.7	46
47800 (2355823)	<1	8.76	<5	<20	465	<5	0.1	1.47	0.2	73.2	21.9	0.033	4.3	50

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734613

PROJECT: 2021 Surimeau DDH Batch 46

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Jul 26, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
47751 (2355774)	1.17	0.80	0.56	6.53	9.82	1.21	2	<1	0.28	<0.2	0.83	2.8	23	0.15
47752 (2355775)	4.34	2.31	1.43	2.83	13.1	5.05	<1	7	0.86	<0.2	2.83	25.6	34	0.35
47753 (2355776)	2.51	1.31	1.45	3.85	18.9	4.02	<1	4	0.41	<0.2	1.50	32.4	44	0.14
47754 (2355777)	0.99	0.72	0.21	6.43	9.34	0.84	1	<1	0.25	<0.2	0.24	3.2	16	0.11
47755 (2355778)	1.00	0.57	0.32	35.0	3.69	1.19	<1	<1	0.21	<0.2	0.13	6.2	<10	0.06
47756 (2355779)	1.33	0.85	0.21	7.45	8.20	0.90	2	<1	0.32	<0.2	<0.05	0.5	<10	0.13
47757 (2355780)	2.24	1.21	0.72	7.03	8.86	2.98	2	1	0.42	<0.2	0.33	16.2	<10	0.17
47758 (2355781)	4.53	2.34	2.62	7.16	12.1	7.68	2	3	0.78	<0.2	1.14	49.3	31	0.29
47759 (2355782)	1.89	1.28	0.47	8.36	11.5	1.69	1	<1	0.43	<0.2	0.76	1.1	22	0.20
47760 (2355783)	2.67	1.56	0.61	8.13	12.1	1.78	1	<1	0.52	<0.2	0.14	1.9	<10	0.23
47761 (2355784)	3.00	1.97	0.49	10.3	12.4	2.01	1	<1	0.60	<0.2	0.14	1.9	<10	0.30
47762 C-DUP (2355785)	2.82	1.64	0.44	10.7	12.2	2.25	<1	<1	0.61	<0.2	0.13	2.2	<10	0.29
47763 (2355786)	3.72	2.53	1.11	12.5	15.4	3.40	1	2	0.78	0.5	0.64	6.7	12	0.43
47764 (2355787)	3.64	2.33	2.02	6.28	21.2	4.20	1	4	0.78	2.0	1.76	28.2	29	0.36
47765 (2355788)	3.41	2.20	2.06	5.61	21.2	3.98	2	4	0.69	1.8	1.86	26.6	30	0.43
47766 (2355789)	2.57	1.52	1.28	3.78	25.2	3.76	2	4	0.47	<0.2	3.03	29.1	55	0.24
47767 (2355790)	2.65	1.22	1.34	3.88	20.8	3.56	2	3	0.44	<0.2	2.28	29.7	44	0.16
47768 (2355791)	3.05	1.38	1.54	3.96	19.7	3.67	2	4	0.59	<0.2	1.88	32.0	42	0.17
47769 (2355792)	3.40	1.77	1.57	5.01	23.0	4.21	2	4	0.68	<0.2	2.27	31.8	50	0.25
47770 (2355793)	3.72	2.18	1.46	4.44	24.3	4.79	3	5	0.87	<0.2	3.05	38.7	56	0.28
47771 (2355794)	4.54	2.87	0.82	3.21	22.8	6.14	1	6	0.93	<0.2	3.22	47.4	52	0.49
47772 (2355795)	2.87	1.52	0.93	1.18	6.32	3.54	1	6	0.64	<0.2	1.71	16.4	14	0.23
47773 (2355796)	2.93	1.50	1.26	3.98	20.9	3.41	1	4	0.59	<0.2	2.39	32.4	47	0.24
47774 (2355797)	3.75	1.94	1.44	5.21	25.0	4.64	2	4	0.69	<0.2	3.18	34.5	64	0.33
47775 (2355798)	2.93	1.53	1.35	4.27	21.9	3.70	2	4	0.51	<0.2	2.12	28.0	56	0.20
47776 (2355799)	2.66	1.54	1.13	4.19	21.1	3.77	<1	4	0.53	<0.2	2.04	30.9	51	0.28
47777 (2355800)	2.76	1.66	1.36	4.59	22.7	3.91	1	4	0.61	<0.2	2.36	30.1	51	0.23
47778 (2355801)	2.66	1.64	1.34	4.23	21.7	3.97	2	4	0.54	<0.2	2.27	30.4	45	0.24
47779 (2355802)	2.77	1.65	1.18	4.01	20.5	3.90	1	4	0.55	<0.2	2.02	31.1	43	0.21
47780 (2355803)	2.93	1.44	1.24	4.56	21.9	3.86	1	4	0.55	<0.2	2.53	32.9	50	0.22
47781 (2355804)	2.57	1.47	1.29	3.90	20.7	4.12	<1	4	0.51	<0.2	1.84	31.5	42	0.24
47782 (2355805)	2.98	1.68	1.16	3.98	21.1	4.20	1	4	0.58	<0.2	2.07	32.8	42	0.22

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734613

PROJECT: 2021 Surimeau DDH Batch 46

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Jul 26, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
47783 (2355806)	4.10	2.49	1.51	6.64	22.2	5.92	2	5	0.79	<0.2	2.59	44.4	62	0.35
47784 (2355807)	3.01	1.65	1.33	4.57	23.5	4.39	1	4	0.61	<0.2	2.68	32.8	42	0.23
47785 (2355808)	2.67	1.47	1.28	4.79	23.9	4.21	<1	4	0.58	<0.2	2.90	31.6	45	0.19
47786 (2355809)	2.86	1.58	1.40	4.22	22.1	4.05	<1	4	0.58	<0.2	2.40	30.0	43	0.21
47787 (2355810)	2.98	2.16	1.23	4.40	21.6	3.84	2	4	0.70	<0.2	2.18	31.5	46	0.34
47788 (2355811)	3.30	1.67	1.21	4.32	22.7	3.99	<1	4	0.62	<0.2	2.40	31.8	41	0.25
47789 (2355812)	2.65	1.52	1.12	3.98	20.0	3.51	1	5	0.51	<0.2	2.00	30.0	34	0.23
47790 (2355813)	3.26	1.86	1.86	4.77	19.6	5.03	<1	4	0.62	<0.2	1.66	33.0	35	0.22
47791 (2355814)	2.62	1.51	1.14	4.29	21.2	3.41	1	4	0.55	<0.2	2.20	27.5	47	0.22
47792 (2355815)	2.75	1.57	1.19	4.30	22.3	3.54	1	3	0.49	<0.2	2.22	29.2	47	0.24
47793 (2355816)	2.55	1.42	1.34	4.15	20.5	3.28	1	4	0.56	<0.2	2.22	30.2	41	0.20
47794 (2355817)	3.09	1.54	1.57	4.31	21.8	4.93	<1	4	0.53	<0.2	2.17	42.5	39	0.25
47795 C-DUP (2355818)	3.41	1.58	1.49	4.36	22.3	5.04	1	4	0.64	<0.2	2.15	42.2	39	0.20
47796 (2355819)	2.81	1.57	1.21	4.24	22.7	4.00	2	4	0.56	<0.2	3.06	36.7	56	0.19
47797 (2355820)	3.00	1.43	1.21	4.11	20.9	3.79	2	4	0.47	<0.2	2.22	32.4	49	0.21
47798 (2355821)	2.10	1.27	1.24	3.57	18.9	3.05	<1	3	0.39	<0.2	1.65	26.6	32	0.18
47799 (2355822)	2.81	1.60	1.23	4.46	21.3	4.06	1	4	0.59	<0.2	2.17	30.2	38	0.21
47800 (2355823)	2.96	1.51	1.35	4.34	21.2	4.06	1	4	0.58	<0.2	1.58	36.7	31	0.21

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734613

PROJECT: 2021 Surimeau DDH Batch 46

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Jul 26, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
47751 (2355774)	12.5	1580	<2	1	3.5	941	<0.01	<5	0.73	30.2	0.31	<0.1	19	23.8
47752 (2355775)	2.14	538	<2	7	28.7	22	0.07	10	7.15	78.5	0.29	<0.1	7	30.2
47753 (2355776)	3.55	663	<2	5	30.1	155	0.08	60	7.92	57.7	0.02	<0.1	12	26.6
47754 (2355777)	15.7	1120	<2	<1	3.7	1370	<0.01	<5	0.76	8.9	0.22	<0.1	18	20.9
47755 (2355778)	1.87	597	<2	1	5.1	21800	<0.01	42	1.40	4.9	23.3	2.1	8	7.25
47756 (2355779)	14.9	1300	<2	<1	1.4	1110	<0.01	<5	0.26	0.6	0.74	<0.1	25	19.3
47757 (2355780)	15.1	1300	<2	1	18.1	1280	0.06	<5	4.08	13.6	0.60	<0.1	22	20.0
47758 (2355781)	12.2	1480	<2	5	52.3	994	0.17	5	13.0	50.7	0.63	<0.1	24	21.3
47759 (2355782)	12.8	2300	<2	<1	2.3	1420	<0.01	6	0.41	37.0	1.53	<0.1	34	21.4
47760 (2355783)	3.55	3280	25	2	3.0	1980	0.03	19	0.46	6.8	3.84	<0.1	35	26.9
47761 (2355784)	3.30	3380	15	<1	3.4	2580	<0.01	15	0.68	3.5	5.62	<0.1	38	25.2
47762 C-DUP (2355785)	3.43	3520	12	<1	3.2	2600	<0.01	14	0.67	4.3	5.86	<0.1	40	26.3
47763 (2355786)	1.09	2430	15	3	9.6	2670	0.02	39	2.02	22.2	7.85	<0.1	36	25.1
47764 (2355787)	0.91	420	24	7	26.6	341	0.05	75	6.84	76.2	3.93	<0.1	17	27.9
47765 (2355788)	0.91	399	19	7	26.2	302	0.05	55	6.46	80.1	3.17	<0.1	16	27.1
47766 (2355789)	1.89	533	<2	6	26.1	95	0.06	34	7.29	98.8	1.48	<0.1	16	29.3
47767 (2355790)	1.72	493	3	6	25.7	110	0.07	23	6.83	86.3	1.53	<0.1	18	29.6
47768 (2355791)	1.81	619	2	6	26.0	106	0.05	25	7.13	87.1	1.08	<0.1	16	29.3
47769 (2355792)	2.04	707	2	6	28.2	146	0.06	28	7.85	91.3	1.36	<0.1	20	29.3
47770 (2355793)	2.05	560	3	8	34.6	95	0.04	19	9.29	116	0.79	<0.1	19	29.1
47771 (2355794)	2.05	385	3	11	41.8	76	0.04	11	11.6	120	0.10	<0.1	12	31.5
47772 (2355795)	4.31	667	<2	4	16.9	21	0.03	<5	4.54	34.6	0.18	<0.1	<5	27.1
47773 (2355796)	1.70	528	2	6	26.3	105	0.06	9	7.34	98.5	0.19	<0.1	15	31.1
47774 (2355797)	2.27	607	4	7	31.0	113	0.08	10	8.28	124	0.20	<0.1	21	30.4
47775 (2355798)	2.01	581	<2	6	25.4	107	0.08	9	6.75	82.4	0.18	<0.1	16	30.8
47776 (2355799)	1.93	549	7	6	26.7	98	0.07	9	7.38	82.1	0.25	<0.1	15	30.4
47777 (2355800)	1.94	528	<2	6	26.9	88	0.09	8	7.29	92.8	0.31	<0.1	17	30.0
47778 (2355801)	1.86	510	2	6	27.5	104	0.07	11	7.29	83.5	0.33	<0.1	16	30.2
47779 (2355802)	1.73	508	2	6	26.0	92	0.06	8	6.89	74.7	0.22	<0.1	15	30.1
47780 (2355803)	2.36	586	2	6	29.9	109	0.09	10	7.69	95.0	0.24	<0.1	18	28.9
47781 (2355804)	1.84	570	<2	6	27.9	96	0.06	9	7.58	64.0	0.26	<0.1	15	29.0
47782 (2355805)	1.82	440	3	6	29.5	104	0.07	10	7.94	72.8	0.26	<0.1	17	29.9

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734613

PROJECT: 2021 Surimeau DDH Batch 46

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Jul 26, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
47783 (2355806)	5.15	1110	2	9	43.1	198	0.19	17	11.2	97.1	0.19	<0.1	24	29.1
47784 (2355807)	2.04	605	4	7	29.7	105	0.07	15	8.05	104	0.29	<0.1	18	29.4
47785 (2355808)	2.03	612	3	6	29.8	113	0.07	18	7.61	106	0.19	<0.1	19	29.7
47786 (2355809)	1.86	519	<2	6	27.2	109	0.05	12	7.58	95.1	0.21	<0.1	16	29.3
47787 (2355810)	1.87	548	2	6	27.4	98	0.07	13	7.59	80.1	0.27	<0.1	16	30.7
47788 (2355811)	1.86	565	<2	7	28.2	97	0.06	12	7.40	88.8	0.18	<0.1	16	30.9
47789 (2355812)	1.72	570	2	5	26.6	90	0.07	14	6.92	76.3	0.31	<0.1	15	29.9
47790 (2355813)	3.16	893	<2	6	34.6	124	0.13	20	8.75	63.3	0.26	<0.1	18	28.0
47791 (2355814)	1.91	639	<2	6	25.6	91	0.07	17	6.61	79.6	0.24	<0.1	16	30.0
47792 (2355815)	1.92	625	<2	6	25.3	89	0.09	16	6.58	82.1	0.24	<0.1	16	29.4
47793 (2355816)	1.78	655	<2	6	26.5	116	0.06	10	7.19	76.1	0.30	<0.1	14	30.9
47794 (2355817)	2.18	708	2	7	40.7	96	0.13	18	10.6	80.2	0.26	<0.1	16	30.1
47795 C-DUP (2355818)	2.10	693	3	7	39.7	87	0.12	18	10.5	80.8	0.27	<0.1	15	29.9
47796 (2355819)	1.91	596	2	7	34.2	89	0.08	15	8.70	99.6	0.18	<0.1	15	30.6
47797 (2355820)	1.78	584	2	6	29.9	92	0.08	14	7.92	82.8	0.35	<0.1	15	30.3
47798 (2355821)	1.52	502	<2	5	23.4	90	0.07	10	6.43	64.0	0.28	<0.1	13	32.8
47799 (2355822)	2.01	660	<2	7	29.2	97	0.08	15	7.06	86.2	0.37	<0.1	17	29.2
47800 (2355823)	1.94	636	2	6	32.7	76	0.09	10	8.61	48.0	0.38	0.5	15	32.9

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734613

PROJECT: 2021 Surimeau DDH Batch 46

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Jul 26, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
47751 (2355774)	0.9	<1	91.9	<0.5	0.18	0.5	0.17	<0.5	0.12	0.20	114	<1	7.4	0.8
47752 (2355775)	5.7	<1	331	<0.5	0.74	3.6	0.43	<0.5	0.35	1.01	63	<1	20.7	2.2
47753 (2355776)	5.8	<1	3270	<0.5	0.50	5.9	0.30	0.9	0.18	2.66	85	<1	13.1	1.1
47754 (2355777)	0.8	<1	138	<0.5	0.18	0.7	0.17	<0.5	0.12	0.29	100	<1	6.2	0.7
47755 (2355778)	1.1	<1	31.9	<0.5	0.20	1.1	0.11	<0.5	0.07	0.21	58	4	5.0	0.6
47756 (2355779)	0.7	<1	181	<0.5	0.18	0.1	0.21	<0.5	0.14	<0.05	135	<1	7.2	0.8
47757 (2355780)	3.8	<1	159	<0.5	0.42	2.5	0.25	<0.5	0.16	0.49	118	<1	11.1	1.1
47758 (2355781)	9.7	<1	116	<0.5	0.95	7.4	0.34	0.9	0.29	1.98	145	<1	22.3	2.1
47759 (2355782)	0.8	<1	308	<0.5	0.30	0.2	0.28	0.7	0.18	<0.05	193	<1	11.6	1.3
47760 (2355783)	1.1	<1	442	<0.5	0.35	0.2	0.31	<0.5	0.21	0.27	219	<1	14.0	1.6
47761 (2355784)	1.3	<1	153	<0.5	0.37	0.1	0.31	<0.5	0.27	0.09	218	<1	16.8	1.8
47762 C-DUP (2355785)	1.1	<1	159	<0.5	0.40	0.1	0.32	<0.5	0.29	0.09	229	<1	15.3	1.8
47763 (2355786)	2.7	<1	205	<0.5	0.52	0.8	0.35	0.7	0.38	0.48	191	<1	21.0	2.5
47764 (2355787)	4.8	4	187	<0.5	0.57	7.3	0.30	1.5	0.27	2.49	79	1	18.0	2.0
47765 (2355788)	4.8	4	184	<0.5	0.57	7.8	0.30	1.6	0.30	2.30	71	1	18.5	2.1
47766 (2355789)	4.6	3	610	<0.5	0.51	6.9	0.34	3.1	0.23	2.35	106	1	13.7	1.5
47767 (2355790)	4.5	<1	249	<0.5	0.44	6.8	0.35	2.1	0.21	2.20	128	2	12.1	1.4
47768 (2355791)	4.2	<1	361	0.5	0.47	7.1	0.36	1.8	0.20	2.33	112	<1	14.3	1.4
47769 (2355792)	5.1	<1	277	<0.5	0.54	7.3	0.42	1.5	0.31	2.54	136	<1	17.1	1.9
47770 (2355793)	6.6	<1	205	0.7	0.63	11.2	0.37	1.4	0.44	3.24	119	1	18.0	1.9
47771 (2355794)	7.1	<1	154	0.9	0.85	18.2	0.26	0.8	0.42	5.28	58	2	25.4	2.8
47772 (2355795)	3.4	<1	111	<0.5	0.54	2.9	0.14	<0.5	0.24	1.00	8	<1	16.1	1.5
47773 (2355796)	4.7	<1	299	<0.5	0.51	7.3	0.36	0.6	0.32	2.38	103	<1	13.8	1.7
47774 (2355797)	6.0	<1	302	0.6	0.67	8.6	0.44	0.7	0.28	2.66	144	<1	17.6	2.0
47775 (2355798)	5.3	<1	379	<0.5	0.47	7.1	0.38	<0.5	0.22	2.38	111	<1	13.9	1.4
47776 (2355799)	4.4	<1	384	<0.5	0.50	7.0	0.38	<0.5	0.20	2.39	107	<1	13.7	1.6
47777 (2355800)	4.7	<1	354	<0.5	0.57	7.0	0.40	0.5	0.24	2.30	122	<1	13.7	1.4
47778 (2355801)	5.0	<1	272	<0.5	0.52	7.2	0.37	0.5	0.27	2.36	111	<1	14.4	1.4
47779 (2355802)	4.2	<1	329	<0.5	0.52	7.4	0.35	<0.5	0.23	2.17	102	<1	14.1	1.5
47780 (2355803)	5.1	<1	402	<0.5	0.48	7.3	0.40	0.6	0.22	2.10	122	<1	14.7	1.4
47781 (2355804)	5.4	<1	391	<0.5	0.45	7.8	0.35	<0.5	0.24	2.66	103	<1	13.6	1.5
47782 (2355805)	4.9	<1	343	<0.5	0.56	7.3	0.37	0.7	0.24	2.32	116	<1	15.2	1.5

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734613

PROJECT: 2021 Surimeau DDH Batch 46

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Jul 26, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
47783 (2355806)	7.0	<1	281	0.7	0.77	10.5	0.52	2.0	0.27	2.68	162	<1	21.1	2.1
47784 (2355807)	5.2	<1	350	<0.5	0.60	7.6	0.40	0.7	0.23	2.53	124	<1	15.3	1.5
47785 (2355808)	4.6	<1	313	<0.5	0.50	7.5	0.41	0.7	0.20	2.27	129	<1	15.0	1.5
47786 (2355809)	4.3	<1	313	0.5	0.55	7.3	0.38	0.5	0.27	2.34	110	<1	13.7	1.4
47787 (2355810)	5.0	<1	306	0.5	0.48	7.9	0.39	0.5	0.45	2.69	110	<1	15.1	1.7
47788 (2355811)	5.2	<1	270	<0.5	0.54	8.0	0.38	<0.5	0.27	2.49	110	<1	16.8	1.8
47789 (2355812)	4.6	<1	364	<0.5	0.42	8.0	0.34	0.5	0.20	2.90	100	<1	13.3	1.5
47790 (2355813)	6.3	<1	544	<0.5	0.62	6.7	0.40	0.5	0.23	2.17	119	<1	15.6	1.6
47791 (2355814)	4.7	<1	460	<0.5	0.47	6.9	0.37	<0.5	0.21	2.19	113	<1	13.5	1.3
47792 (2355815)	4.9	<1	429	<0.5	0.51	7.2	0.37	0.5	0.24	2.34	113	<1	13.6	1.5
47793 (2355816)	5.1	<1	327	<0.5	0.42	7.3	0.37	0.5	0.20	2.35	99	<1	13.6	1.2
47794 (2355817)	6.2	<1	696	<0.5	0.60	8.3	0.39	0.6	0.24	2.55	111	<1	16.3	1.6
47795 C-DUP (2355818)	6.4	<1	677	<0.5	0.64	8.5	0.38	0.6	0.22	2.64	107	<1	15.7	1.7
47796 (2355819)	5.3	<1	305	<0.5	0.55	8.1	0.37	0.6	0.25	2.30	101	<1	14.6	1.4
47797 (2355820)	5.2	<1	414	<0.5	0.44	8.0	0.37	0.5	0.18	2.57	99	<1	13.2	1.4
47798 (2355821)	3.9	<1	341	<0.5	0.39	6.4	0.31	<0.5	0.17	1.75	85	<1	10.6	1.2
47799 (2355822)	5.1	<1	391	<0.5	0.54	7.3	0.39	0.6	0.19	2.26	115	<1	14.6	1.5
47800 (2355823)	5.5	<1	325	<0.5	0.47	7.9	0.37	<0.5	0.23	2.77	105	<1	13.8	1.6

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734613

PROJECT: 2021 Surimeau DDH Batch 46

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Jul 26, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
47751 (2355774)	68	21.6
47752 (2355775)	47	260
47753 (2355776)	72	155
47754 (2355777)	48	28.6
47755 (2355778)	58	33.1
47756 (2355779)	54	18.5
47757 (2355780)	57	54.5
47758 (2355781)	69	127
47759 (2355782)	69	25.1
47760 (2355783)	154	25.3
47761 (2355784)	93	27.0
47762 C-DUP (2355785)	97	25.6
47763 (2355786)	2640	65.4
47764 (2355787)	7210	140
47765 (2355788)	5260	135
47766 (2355789)	205	133
47767 (2355790)	194	129
47768 (2355791)	130	131
47769 (2355792)	272	131
47770 (2355793)	255	158
47771 (2355794)	317	229
47772 (2355795)	16	209
47773 (2355796)	113	140
47774 (2355797)	149	135
47775 (2355798)	111	143
47776 (2355799)	102	140
47777 (2355800)	138	145
47778 (2355801)	162	128
47779 (2355802)	100	146
47780 (2355803)	122	133
47781 (2355804)	114	145
47782 (2355805)	85	133

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734613

PROJECT: 2021 Surimeau DDH Batch 46

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Jul 26, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
47783 (2355806)	142	183
47784 (2355807)	168	146
47785 (2355808)	129	142
47786 (2355809)	118	138
47787 (2355810)	97	147
47788 (2355811)	103	142
47789 (2355812)	74	162
47790 (2355813)	100	135
47791 (2355814)	86	128
47792 (2355815)	92	134
47793 (2355816)	87	152
47794 (2355817)	84	153
47795 C-DUP (2355818)	80	152
47796 (2355819)	110	144
47797 (2355820)	85	158
47798 (2355821)	66	121
47799 (2355822)	88	141
47800 (2355823)	61	163

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734613

PROJECT: 2021 Surimeau DDH Batch 46

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Jul 26, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
47751 (2355774)	77.53
47770 (2355793)	76.85
47790 (2355813)	76.98

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734613

PROJECT: 2021 Surimeau DDH Batch 46

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Jul 26, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
47751 (2355774)	85.16
47771 (2355794)	85.64
47791 (2355814)	85.77

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Certified By: Sherin Moussa

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2355774	< 1	< 1	0.0%	2355788	< 1	< 1	0.0%	2355799	< 1	< 1	0.0%	2355814	< 1	< 1	0.0%
Al	2355774	3.43	3.46	0.9%	2355788	7.52	7.69	2.2%	2355799	8.88	9.01	1.5%	2355814	8.92	8.78	1.6%
As	2355774	< 5	< 5	0.0%	2355788	< 5	< 5	0.0%	2355799	< 5	< 5	0.0%	2355814	< 5	< 5	0.0%
B	2355774	< 20	< 20	0.0%	2355788	< 20	< 20	0.0%	2355799	< 20	< 20	0.0%	2355814	< 20	< 20	0.0%
Ba	2355774	367	397	7.9%	2355788	525	528	0.6%	2355799	712	703	1.3%	2355814	1020	982	3.8%
Be	2355774	< 5	< 5	0.0%	2355788	< 5	< 5	0.0%	2355799	< 5	< 5	0.0%	2355814	< 5	< 5	0.0%
Bi	2355774	0.3	0.3	0.0%	2355788	2.0	1.94	3.0%	2355799	0.3	0.3	0.0%	2355814	0.2	0.2	0.0%
Ca	2355774	7.83	7.92	1.1%	2355788	1.69	1.70	0.6%	2355799	1.39	1.36	2.2%	2355814	1.39	1.43	2.8%
Cd	2355774	0.2	0.27	29.8%	2355788	10.2	9.71	4.9%	2355799	< 0.2	0.3		2355814	< 0.2	0.2	
Ce	2355774	6.0	6.1	1.7%	2355788	58.1	57.5	1.0%	2355799	63.0	61.0	3.2%	2355814	56.7	57.5	1.4%
Co	2355774	74.6	73.9	0.9%	2355788	60.1	61.7	2.6%	2355799	25.0	22.6	10.1%	2355814	23.6	23.3	1.3%
Cr	2355774	0.184	0.191	3.7%	2355788	0.022	0.022	0.0%	2355799	0.030	0.028	6.9%	2355814	0.030	0.029	3.4%
Cs	2355774	5.2	5.4	3.8%	2355788	2.2	2.1	4.7%	2355799	5.1	4.8	6.1%	2355814	4.4	4.2	4.7%
Cu	2355774	9	10	10.5%	2355788	694	707	1.9%	2355799	58	57	1.7%	2355814	47	45	4.3%
Dy	2355774	1.17	1.18	0.9%	2355788	3.41	3.40	0.3%	2355799	2.66	2.47	7.4%	2355814	2.62	2.69	2.6%
Er	2355774	0.80	0.900	11.8%	2355788	2.20	2.11	4.2%	2355799	1.54	1.29	17.7%	2355814	1.51	1.41	6.8%
Eu	2355774	0.56	0.55	1.8%	2355788	2.06	2.09	1.4%	2355799	1.13	1.20	6.0%	2355814	1.14	1.33	15.4%
Fe	2355774	6.53	6.66	2.0%	2355788	5.61	5.66	0.9%	2355799	4.19	4.16	0.7%	2355814	4.29	4.32	0.7%
Ga	2355774	9.82	10.4	5.7%	2355788	21.2	21.3	0.5%	2355799	21.1	20.8	1.4%	2355814	21.2	21.3	0.5%
Gd	2355774	1.21	1.23	1.6%	2355788	3.98	4.16	4.4%	2355799	3.77	3.84	1.8%	2355814	3.41	3.51	2.9%
Ge	2355774	2	2	0.0%	2355788	2	1	66.7%	2355799	< 1	1		2355814	1	2	
Hf	2355774	< 1	< 1	0.0%	2355788	4	4	0.0%	2355799	4	3	28.6%	2355814	4	4	0.0%
Ho	2355774	0.28	0.31	10.2%	2355788	0.69	0.69	0.0%	2355799	0.53	0.53	0.0%	2355814	0.549	0.474	14.7%
In	2355774	< 0.2	< 0.2	0.0%	2355788	1.8	1.62	10.5%	2355799	< 0.2	< 0.2	0.0%	2355814	< 0.2	< 0.2	0.0%
K	2355774	0.83	0.865	4.1%	2355788	1.86	1.91	2.7%	2355799	2.04	2.10	2.9%	2355814	2.20	2.19	0.5%
La	2355774	2.8	2.8	0.0%	2355788	26.6	26.2	1.5%	2355799	30.9	29.7	4.0%	2355814	27.5	27.8	1.1%
Li	2355774	23	25	8.3%	2355788	30	30	0.0%	2355799	51	53	3.8%	2355814	47	46	2.2%
Lu	2355774	0.15	0.13	14.3%	2355788	0.43	0.33	26.3%	2355799	0.28	0.20	33.3%	2355814	0.22	0.19	14.6%
Mg	2355774	12.5	12.3	1.6%	2355788	0.91	0.92	1.1%	2355799	1.93	1.93	0.0%	2355814	1.91	1.83	4.3%
Mn	2355774	1580	1580	0.0%	2355788	399	415	3.9%	2355799	549	560	2.0%	2355814	639	631	1.3%
Mo	2355774	< 2	< 2	0.0%	2355788	19	19	0.0%	2355799	7	9	25.0%	2355814	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2355774	1	1	0.0%	2355788	7	7	0.0%	2355799	6	6	0.0%	2355814	6	6	0.0%
Nd	2355774	3.5	3.75	6.9%	2355788	26.2	25.6	2.3%	2355799	26.7	28.4	6.2%	2355814	25.6	25.5	0.4%
Ni	2355774	941	983	4.4%	2355788	302	307	1.6%	2355799	98	98	0.0%	2355814	91	85	6.8%
P	2355774	< 0.01	< 0.01	0.0%	2355788	0.05	0.05	0.0%	2355799	0.07	0.07	0.0%	2355814	0.07	0.07	0.0%
Pb	2355774	< 5	< 5	0.0%	2355788	55	56	1.8%	2355799	9	9	0.0%	2355814	17	18	5.7%
Pr	2355774	0.73	0.847	14.8%	2355788	6.46	6.79	5.0%	2355799	7.38	6.96	5.9%	2355814	6.61	6.67	0.9%
Rb	2355774	30.2	31.2	3.3%	2355788	80.1	80.0	0.1%	2355799	82.1	76.6	6.9%	2355814	79.6	85.5	7.1%
S	2355774	0.31	0.302	2.6%	2355788	3.17	3.27	3.1%	2355799	0.25	0.256	2.4%	2355814	0.24	0.24	0.0%
Sb	2355774	< 0.1	< 0.1	0.0%	2355788	< 0.1	< 0.1	0.0%	2355799	< 0.1	< 0.1	0.0%	2355814	< 0.1	< 0.1	0.0%
Sc	2355774	19	20	5.1%	2355788	16	16	0.0%	2355799	15	15	0.0%	2355814	16	16	0.0%
Si	2355774	23.8	24.2	1.7%	2355788	27.1	26.6	1.9%	2355799	30.4	30.7	1.0%	2355814	30.0	29.9	0.3%
Sm	2355774	0.9	0.83	8.1%	2355788	4.8	4.91	2.3%	2355799	4.4	4.6	4.4%	2355814	4.71	4.88	3.5%
Sn	2355774	< 1	< 1	0.0%	2355788	4	5	22.2%	2355799	< 1	< 1	0.0%	2355814	< 1	< 1	0.0%
Sr	2355774	91.9	93.5	1.7%	2355788	184	188	2.2%	2355799	384	384	0.0%	2355814	460	452	1.8%
Ta	2355774	< 0.5	< 0.5	0.0%	2355788	< 0.5	< 0.5	0.0%	2355799	< 0.5	< 0.5	0.0%	2355814	< 0.5	< 0.5	0.0%
Tb	2355774	0.18	0.21	15.4%	2355788	0.57	0.61	6.8%	2355799	0.50	0.45	10.5%	2355814	0.47	0.50	6.2%
Th	2355774	0.5	0.5	0.0%	2355788	7.8	7.43	4.9%	2355799	7.0	7.1	1.4%	2355814	6.9	7.1	2.9%
Ti	2355774	0.17	0.17	0.0%	2355788	0.30	0.306	2.0%	2355799	0.38	0.38	0.0%	2355814	0.37	0.37	0.0%
Tl	2355774	< 0.5	< 0.5	0.0%	2355788	1.6	1.51	5.8%	2355799	< 0.5	< 0.5	0.0%	2355814	0.45	0.51	12.5%
Tm	2355774	0.12	0.12	0.0%	2355788	0.30	0.27	10.5%	2355799	0.20	0.20	0.0%	2355814	0.208	0.203	2.4%
U	2355774	0.20	0.19	5.1%	2355788	2.30	2.36	2.6%	2355799	2.39	2.23	6.9%	2355814	2.19	2.19	0.0%
V	2355774	114	115	0.9%	2355788	71	77	8.1%	2355799	107	106	0.9%	2355814	113	108	4.5%
W	2355774	< 1	< 1	0.0%	2355788	1	1	0.0%	2355799	< 1	< 1	0.0%	2355814	< 1	< 1	0.0%
Y	2355774	7.4	7.3	1.4%	2355788	18.5	18.3	1.1%	2355799	13.7	13.5	1.5%	2355814	13.5	13.9	2.9%
Yb	2355774	0.8	0.8	0.0%	2355788	2.1	2.1	0.0%	2355799	1.6	1.4	13.3%	2355814	1.3	1.5	14.3%
Zn	2355774	68	80	16.2%	2355788	5260	5430	3.2%	2355799	102	108	5.7%	2355814	86	92	6.7%
Zr	2355774	21.6	21.9	1.4%	2355788	135	139	2.9%	2355799	140	136	2.9%	2355814	128	136	6.1%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.64	102%	90% - 110%					6.94	7.41	107%	90% - 110%	13.0	13.6	105%	90% - 110%
As	26	26	98%	90% - 110%												
Ba	540	565	105%	90% - 110%									1310	1427	109%	90% - 110%
Be	4.0	3.6	90%	90% - 110%												
Ca	0.907	0.922	102%	90% - 110%					4.01	4.26	106%	90% - 110%	1.42	1.4	99%	90% - 110%
Ce	98	111	114%	90% - 110%	58.2	68.4	117%	90% - 110%								
Co	15	15	100%	90% - 110%												
Cu	150	163	108%	90% - 110%									6.4	5.5	86%	90% - 110%
Er	3.7	4.4	120%	90% - 110%												
Fe	3.77	3.92	104%	90% - 110%					7.56	8.05	106%	90% - 110%	3.27	3.38	103%	90% - 110%
Ga					22.6	23.8	105%	90% - 110%								
Hf	11	10	92%	90% - 110%												
K	2.55	2.56	101%	90% - 110%					2.02	2.13	105%	90% - 110%	3.68	3.81	103%	90% - 110%
La	44	49	111%	90% - 110%	27.5	32.1	117%	90% - 110%								
Li	47	49	104%	90% - 110%									65.0	70.7	109%	90% - 110%
Lu	0.6	0.6	96%	90% - 110%												
Mg	1.1	1.1	104%	90% - 110%					2.41	2.57	107%	90% - 110%				
Mn	780	822	105%	90% - 110%												
Mo	14	14	102%	90% - 110%												
Nb	20	20	102%	90% - 110%	22.6	24.4	108%	90% - 110%								
Nd					27.3	30.8	113%	90% - 110%								
Ni	32	39	121%	90% - 110%												
P													0.061	0.059	97%	90% - 110%
Pb	31	33	107%	90% - 110%												
Rb	144	150	104%	90% - 110%	85.4	93.3	109%	90% - 110%								
Sb	0.8	0.8	96%	90% - 110%												
Sc	12	13	108%	90% - 110%												
Si	28.4	29	102%	90% - 110%					23.65	24.8	105%	90% - 110%	24.4	25	102%	90% - 110%
Sm	7.4	9	121%	90% - 110%												
Sr	144	154	107%	90% - 110%									310	335	108%	90% - 110%
Ta	1.9	2.1	113%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Tb	1.2	1.1	95%	90% - 110%												
Th	18.4	18.2	99%	90% - 110%												
Ti	0.527	0.55	104%	90% - 110%									0.222	0.233	105%	90% - 110%
U	5.7	5.7	100%	90% - 110%												
V	77	81	105%	90% - 110%												
W	5	5	108%	90% - 110%												
Y	40	38	94%	90% - 110%	25.3	26.2	104%	90% - 110%								
Yb					2.66	3.26	122%	90% - 110%								
Zn	130	128	99%	90% - 110%									75.4	79.1	105%	90% - 110%
Zr	390	374	96%	90% - 110%	157	157	100%	90% - 110%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O734613

PROJECT: 2021 Surimeau DDH Batch 46

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O734613

PROJECT: 2021 Surimeau DDH Batch 46

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O734613

PROJECT: 2021 Surimeau DDH Batch 46

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 43

AGAT WORK ORDER: 21O734622

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Sep 27, 2021

PAGES (INCLUDING COVER): 21

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734622

PROJECT: 2021 Surimeau DDH Batch 43

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
47601 (2355830)	4.24
47602 (2355831)	0.95
47603 (2355832)	3.92
47604 (2355833)	4.24
47605 (2355834)	0.06
47606 (2355835)	4.12
47607 (2355836)	4.19
47608 (2355837)	4.06
47609 (2355838)	2.79
47610 (2355839)	4.57
47611 (2355840)	2.64
47612 C-DUP (2355841)	-
47613 (2355842)	4.19
47614 (2355843)	2.02
47615 (2355844)	2.05
47616 (2355845)	2.77
47617 (2355846)	4.65
47618 (2355847)	3.94
47619 (2355848)	4.14
47620 (2355849)	4.51
47621 (2355850)	4.60
47622 (2355851)	0.98
47623 (2355852)	4.41
47624 (2355853)	4.37
47625 (2355854)	3.84
47626 (2355855)	2.90
47627 (2355856)	4.17
47628 (2355857)	4.26
47629 (2355858)	3.94
47630 (2355859)	2.53
47631 (2355860)	2.08

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734622

PROJECT: 2021 Surimeau DDH Batch 43

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
47632 (2355861)		3.95
47633 (2355862)		3.95
47634 (2355863)		2.65
47635 (2355864)		2.93
47636 (2355865)		2.06
47637 (2355866)		2.65
47638 (2355867)		3.95
47639 (2355868)		3.75
47640 (2355869)		3.64
47641 (2355870)		2.36
47642 (2355871)		2.35
47643 (2355872)		2.71
47644 (2355873)		2.59
47645 C-DUP (2355874)		-
47646 (2355875)		3.83
47647 (2355876)		4.53
47648 (2355877)		4.21
47649 (2355878)		4.16
47650 (2355879)		4.32

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734622

PROJECT: 2021 Surimeau DDH Batch 43

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
47601 (2355830)	<1	8.61	<5	<20	755	<5	<0.1	1.25	<0.2	56.2	22.2	0.030	5.0	43
47602 (2355831)	<1	3.82	<5	163	552	<5	<0.1	6.52	<0.2	54.0	5.8	0.021	0.8	<5
47603 (2355832)	<1	8.54	<5	<20	627	<5	<0.1	1.22	<0.2	62.5	21.0	0.033	5.3	43
47604 (2355833)	<1	8.77	<5	<20	701	<5	0.1	1.22	<0.2	63.3	22.3	0.029	5.6	46
47605 (2355834)	4	1.05	27	101	60.4	<5	0.4	2.36	1.0	10.9	1120	0.023	0.6	14100
47606 (2355835)	<1	8.93	<5	<20	745	<5	0.3	1.16	<0.2	61.5	25.7	0.031	6.2	53
47607 (2355836)	<1	9.30	<5	23	848	<5	0.1	0.96	<0.2	63.1	23.5	0.030	6.2	41
47608 (2355837)	<1	8.54	<5	<20	619	<5	<0.1	1.18	<0.2	61.3	22.2	0.032	5.9	45
47609 (2355838)	1	7.38	<5	<20	608	<5	<0.1	1.36	<0.2	47.2	16.5	0.028	4.5	25
47610 (2355839)	<1	9.04	<5	<20	1020	<5	<0.1	2.87	0.2	60.0	25.8	0.031	5.8	74
47611 (2355840)	<1	8.41	<5	<20	966	<5	<0.1	1.21	<0.2	56.0	22.2	0.030	5.1	37
47612 C-DUP (2355841)	<1	8.26	<5	<20	980	<5	<0.1	1.19	<0.2	56.2	22.3	0.030	5.1	39
47613 (2355842)	<1	8.78	<5	<20	727	<5	<0.1	1.38	<0.2	72.1	25.5	0.034	6.3	57
47614 (2355843)	<1	8.67	<5	<20	763	<5	0.2	1.19	<0.2	58.0	20.9	0.029	4.8	46
47615 (2355844)	3	8.79	<5	<20	795	<5	0.2	1.17	<0.2	63.4	21.3	0.030	5.0	49
47616 (2355845)	<1	8.95	<5	<20	742	<5	<0.1	1.17	<0.2	61.5	22.2	0.028	5.0	48
47617 (2355846)	<1	9.39	<5	<20	1010	<5	0.2	1.06	<0.2	63.0	24.5	0.029	5.7	49
47618 (2355847)	<1	7.92	<5	<20	651	<5	<0.1	1.35	<0.2	56.2	21.9	0.029	4.8	46
47619 (2355848)	<1	8.37	<5	<20	707	<5	<0.1	1.13	<0.2	64.2	23.3	0.027	4.4	49
47620 (2355849)	<1	8.76	<5	<20	748	<5	<0.1	1.22	<0.2	63.2	23.0	0.026	4.5	42
47621 (2355850)	1	7.60	<5	<20	907	<5	<0.1	2.53	<0.2	69.4	23.3	0.030	4.7	37
47622 (2355851)	1	3.72	<5	65	436	<5	<0.1	9.34	<0.2	42.0	5.6	0.016	0.9	<5
47623 (2355852)	<1	8.15	<5	<20	866	<5	<0.1	2.30	<0.2	71.2	26.0	0.027	4.2	60
47624 (2355853)	1	8.38	<5	<20	743	<5	<0.1	1.57	<0.2	71.1	21.8	0.024	5.4	61
47625 (2355854)	<1	8.14	<5	<20	752	<5	<0.1	1.82	<0.2	68.8	21.9	0.024	5.8	40
47626 (2355855)	<1	6.36	<5	<20	560	<5	<0.1	1.44	<0.2	46.2	15.4	0.025	5.0	25
47627 (2355856)	<1	8.34	<5	<20	794	<5	<0.1	1.46	<0.2	61.8	23.1	0.026	6.8	42
47628 (2355857)	<1	8.13	<5	<20	718	<5	<0.1	1.19	<0.2	60.0	20.9	0.027	5.9	39
47629 (2355858)	<1	8.46	<5	<20	748	<5	<0.1	1.20	<0.2	61.9	20.5	0.024	5.1	43
47630 (2355859)	<1	8.11	<5	<20	783	<5	<0.1	1.18	<0.2	57.3	18.9	0.025	5.3	36
47631 (2355860)	<1	8.48	<5	<20	785	<5	<0.1	1.38	<0.2	68.2	23.2	0.027	5.3	49
47632 (2355861)	<1	8.76	<5	<20	1280	<5	<0.1	1.24	<0.2	55.6	14.2	0.019	1.2	38

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734622

PROJECT: 2021 Surimeau DDH Batch 43

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
47633 (2355862)	<1	8.72	<5	<20	1690	<5	<0.1	1.54	<0.2	57.6	7.7	0.016	3.5	16
47634 (2355863)	<1	9.32	<5	<20	1590	<5	<0.1	1.85	<0.2	58.2	5.3	0.011	0.4	24
47635 (2355864)	<1	10.5	<5	<20	1000	9	<0.1	1.48	<0.2	43.8	3.5	0.045	2.3	34
47636 (2355865)	<1	9.83	<5	<20	1100	6	<0.1	1.66	<0.2	51.3	4.8	0.018	6.7	34
47637 (2355866)	<1	8.02	<5	<20	1060	<5	<0.1	2.41	<0.2	71.9	21.8	0.029	4.8	42
47638 (2355867)	<1	8.51	<5	<20	867	<5	0.1	1.34	<0.2	66.4	23.9	0.044	6.0	47
47639 (2355868)	<1	8.02	<5	<20	715	<5	0.1	1.44	<0.2	59.8	22.2	0.071	4.9	50
47640 (2355869)	<1	8.43	<5	<20	932	<5	<0.1	1.69	<0.2	67.2	20.1	0.024	4.7	40
47641 (2355870)	<1	7.11	<5	<20	818	<5	<0.1	3.60	<0.2	87.8	33.9	0.088	4.5	33
47642 (2355871)	<1	7.04	<5	<20	763	<5	<0.1	3.88	<0.2	86.1	33.1	0.064	4.4	20
47643 (2355872)	<1	8.08	<5	<20	842	<5	<0.1	1.37	<0.2	65.0	21.8	0.027	5.3	46
47644 (2355873)	<1	8.03	<5	<20	644	<5	<0.1	1.38	<0.2	63.1	18.8	0.026	3.8	35
47645 C-DUP (2355874)	<1	8.18	<5	<20	645	<5	<0.1	1.40	<0.2	60.4	19.1	0.025	4.0	36
47646 (2355875)	2	8.74	<5	<20	944	<5	<0.1	1.24	<0.2	61.1	22.6	0.027	5.9	41
47647 (2355876)	1	8.91	<5	<20	727	<5	0.1	1.21	<0.2	62.0	23.5	0.027	6.6	50
47648 (2355877)	<1	8.62	<5	<20	709	<5	0.1	1.10	<0.2	62.7	20.8	0.030	6.4	42
47649 (2355878)	<1	8.70	<5	<20	1080	<5	<0.1	1.96	<0.2	64.4	24.6	0.052	4.7	55
47650 (2355879)	<1	8.04	<5	<20	365	<5	<0.1	1.01	<0.2	58.8	18.4	0.026	5.5	38

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734622

PROJECT: 2021 Surimeau DDH Batch 43

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
47601 (2355830)	2.55	1.44	1.19	4.20	19.9	3.58	2	4	0.49	<0.2	2.05	26.6	34	0.21
47602 (2355831)	3.58	2.06	1.10	2.02	9.28	4.50	1	5	0.70	<0.2	2.54	23.4	24	0.28
47603 (2355832)	2.73	1.45	1.25	4.08	19.0	3.86	2	4	0.54	<0.2	1.89	30.7	32	0.19
47604 (2355833)	2.75	1.51	1.34	4.39	20.0	3.85	2	4	0.55	<0.2	2.30	31.3	34	0.22
47605 (2355834)	1.02	0.57	0.25	34.9	2.98	1.01	<1	<1	0.23	<0.2	0.11	5.5	<10	0.08
47606 (2355835)	2.98	1.70	1.35	4.59	19.2	3.81	1	4	0.61	<0.2	2.47	29.6	36	0.27
47607 (2355836)	3.02	1.71	1.32	4.58	20.8	3.91	2	4	0.59	<0.2	2.91	30.7	36	0.25
47608 (2355837)	2.62	1.45	1.27	4.11	19.7	3.75	1	4	0.52	<0.2	2.12	29.6	33	0.19
47609 (2355838)	2.22	1.14	1.13	3.58	15.5	2.96	1	3	0.46	<0.2	1.86	22.6	33	0.16
47610 (2355839)	3.06	1.61	1.60	4.98	21.9	4.28	1	4	0.60	<0.2	2.40	27.6	38	0.20
47611 (2355840)	2.45	1.20	1.18	4.26	19.7	3.57	2	4	0.46	<0.2	2.00	27.0	34	0.19
47612 C-DUP (2355841)	2.68	1.48	1.13	4.25	18.8	3.91	2	4	0.53	<0.2	2.01	27.1	34	0.22
47613 (2355842)	2.60	1.35	1.30	4.64	18.7	4.10	1	4	0.50	<0.2	2.30	35.4	34	0.20
47614 (2355843)	2.64	1.37	1.22	4.09	18.7	3.60	2	4	0.47	<0.2	2.13	28.0	30	0.19
47615 (2355844)	2.59	1.36	1.30	4.21	19.9	3.66	1	4	0.49	<0.2	2.19	30.1	30	0.21
47616 (2355845)	2.72	1.54	1.30	4.38	21.1	3.69	1	4	0.55	<0.2	2.13	30.2	35	0.21
47617 (2355846)	2.90	1.59	1.20	4.89	21.5	3.98	2	4	0.53	<0.2	2.93	30.2	40	0.21
47618 (2355847)	2.35	1.37	1.15	4.04	18.3	3.35	1	4	0.46	<0.2	1.88	27.1	30	0.19
47619 (2355848)	2.73	1.54	1.22	4.10	19.5	3.71	2	4	0.52	<0.2	1.92	31.0	34	0.20
47620 (2355849)	2.96	1.54	1.36	4.33	21.7	3.95	2	4	0.55	<0.2	2.13	30.8	33	0.23
47621 (2355850)	2.83	1.68	1.41	4.27	18.9	4.58	2	4	0.56	<0.2	1.80	33.2	29	0.23
47622 (2355851)	2.70	1.49	0.91	1.61	8.12	3.43	1	4	0.57	<0.2	2.51	19.2	23	0.23
47623 (2355852)	2.96	1.67	1.53	4.25	19.4	4.59	1	4	0.58	<0.2	1.63	33.8	29	0.24
47624 (2355853)	2.70	1.47	1.37	3.83	20.2	4.06	1	5	0.53	<0.2	2.04	34.7	38	0.21
47625 (2355854)	3.12	1.71	1.43	3.93	19.8	4.22	2	4	0.61	<0.2	2.18	33.3	44	0.24
47626 (2355855)	2.16	1.14	0.96	3.05	15.9	2.85	1	3	0.43	<0.2	1.84	22.1	31	0.16
47627 (2355856)	3.03	1.57	1.30	4.24	20.5	4.08	1	4	0.53	<0.2	2.38	30.2	45	0.24
47628 (2355857)	2.54	1.46	1.21	3.91	19.5	3.63	1	4	0.48	<0.2	1.95	29.1	39	0.19
47629 (2355858)	2.66	1.27	1.32	3.90	19.8	3.80	1	4	0.54	<0.2	1.98	30.3	41	0.20
47630 (2355859)	2.50	1.38	1.15	3.75	18.0	3.46	1	4	0.49	<0.2	2.15	28.2	38	0.18
47631 (2355860)	2.73	1.52	1.41	4.28	21.4	4.10	1	5	0.58	<0.2	2.27	33.8	43	0.26
47632 (2355861)	1.99	0.97	1.34	2.73	22.7	3.25	1	4	0.37	<0.2	1.79	26.9	26	0.13

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734622

PROJECT: 2021 Surimeau DDH Batch 43

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
47633 (2355862)	1.43	0.60	1.17	1.84	24.3	3.00	1	4	0.23	<0.2	1.34	27.4	14	0.08
47634 (2355863)	1.20	0.42	1.35	1.50	24.3	2.98	1	5	0.18	<0.2	0.46	27.3	<10	<0.05
47635 (2355864)	0.90	0.31	1.01	1.42	25.3	2.01	1	3	0.13	<0.2	0.70	21.3	<10	<0.05
47636 (2355865)	1.08	0.44	1.16	1.46	28.4	2.88	1	5	0.16	<0.2	0.59	23.9	<10	<0.05
47637 (2355866)	3.01	1.63	1.69	4.27	19.8	4.65	2	4	0.60	<0.2	1.52	33.6	30	0.21
47638 (2355867)	2.88	1.59	1.28	4.36	21.6	4.27	2	4	0.54	<0.2	2.41	32.3	42	0.24
47639 (2355868)	2.79	1.44	1.31	4.29	20.4	3.82	2	4	0.55	<0.2	1.77	28.9	35	0.22
47640 (2355869)	2.84	1.59	1.40	3.76	18.4	4.11	2	4	0.55	<0.2	2.28	33.1	36	0.24
47641 (2355870)	4.00	1.80	1.97	5.22	20.8	6.74	2	4	0.73	<0.2	1.74	40.0	32	0.26
47642 (2355871)	4.41	1.92	2.18	5.37	18.6	7.62	2	4	0.80	<0.2	1.76	38.4	33	0.22
47643 (2355872)	2.78	1.59	1.41	3.80	20.1	4.11	2	4	0.52	<0.2	2.10	31.6	35	0.24
47644 (2355873)	2.68	1.42	1.20	3.60	19.6	3.80	1	4	0.53	<0.2	1.89	31.6	32	0.22
47645 C-DUP (2355874)	2.58	1.35	1.16	3.71	19.4	3.55	2	4	0.56	<0.2	1.92	29.5	34	0.22
47646 (2355875)	2.76	1.46	1.35	4.31	22.5	3.89	2	4	0.56	<0.2	2.50	29.6	40	0.18
47647 (2355876)	3.08	1.65	1.33	4.47	20.2	4.22	1	4	0.61	<0.2	2.69	30.4	38	0.23
47648 (2355877)	2.96	1.67	1.37	4.00	19.2	3.95	2	5	0.58	<0.2	2.18	30.7	33	0.30
47649 (2355878)	3.07	1.61	1.51	4.67	21.8	4.56	2	4	0.57	<0.2	2.15	31.3	38	0.22
47650 (2355879)	2.30	1.38	1.17	3.54	17.9	3.37	1	4	0.48	<0.2	1.48	28.8	21	0.18

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734622

PROJECT: 2021 Surimeau DDH Batch 43

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
47601 (2355830)	1.83	530	3	5	25.2	95	0.04	9	6.98	78.8	0.15	<0.1	15	32.5
47602 (2355831)	3.15	508	<2	6	24.9	20	0.06	5	6.65	62.5	<0.01	<0.1	6	30.2
47603 (2355832)	1.75	511	<2	5	27.7	92	0.05	8	7.57	72.3	0.15	<0.1	14	33.3
47604 (2355833)	1.83	515	2	6	27.8	93	0.06	9	7.76	87.7	0.15	<0.1	16	31.7
47605 (2355834)	1.81	557	<2	<1	4.9	21100	<0.01	39	1.34	4.0	21.4	0.4	7	7.46
47606 (2355835)	1.90	569	5	6	27.0	112	0.05	15	7.62	99.0	0.22	<0.1	18	31.5
47607 (2355836)	1.94	531	3	6	28.0	106	0.05	12	7.58	107	0.12	<0.1	18	31.3
47608 (2355837)	1.74	481	3	6	26.1	115	0.05	13	7.32	87.1	0.12	<0.1	15	32.8
47609 (2355838)	1.58	484	<2	4	20.6	67	0.12	12	5.70	74.3	0.06	<0.1	13	33.4
47610 (2355839)	2.67	776	<2	6	29.0	95	0.34	21	7.58	101	0.32	<0.1	20	28.7
47611 (2355840)	1.72	523	3	5	24.0	100	0.04	21	6.87	82.8	0.09	<0.1	16	32.6
47612 C-DUP (2355841)	1.76	518	2	5	25.2	96	0.04	20	6.95	83.3	0.12	<0.1	16	33.9
47613 (2355842)	2.03	601	<2	6	31.0	93	0.05	15	8.81	90.4	0.24	<0.1	14	33.1
47614 (2355843)	1.73	501	2	6	25.7	93	0.05	10	7.02	81.1	0.11	<0.1	15	32.8
47615 (2355844)	1.76	504	3	6	27.7	92	0.05	9	7.52	84.6	0.10	<0.1	15	32.5
47616 (2355845)	1.80	484	<2	6	26.6	95	0.05	8	7.32	83.6	0.15	<0.1	15	33.2
47617 (2355846)	1.98	587	5	6	27.9	106	0.05	11	7.84	108	0.13	<0.1	18	31.0
47618 (2355847)	1.82	553	2	5	24.4	82	0.05	12	6.61	76.3	0.17	<0.1	15	31.3
47619 (2355848)	1.73	530	<2	6	26.7	83	0.05	11	7.85	76.0	0.18	<0.1	14	32.2
47620 (2355849)	1.85	534	2	6	27.8	93	0.05	13	7.70	82.4	0.13	<0.1	16	31.2
47621 (2355850)	2.24	648	2	5	31.4	81	0.07	18	8.69	79.0	0.14	<0.1	16	29.3
47622 (2355851)	4.91	494	<2	4	19.0	20	0.02	7	5.19	65.1	0.05	<0.1	5	23.1
47623 (2355852)	1.99	660	<2	6	32.2	83	0.07	21	8.71	76.7	0.31	<0.1	15	28.1
47624 (2355853)	1.61	535	2	7	30.9	80	0.05	20	8.82	90.2	0.24	<0.1	13	28.9
47625 (2355854)	1.72	547	<2	6	29.6	79	0.06	17	8.46	97.8	0.12	<0.1	14	29.8
47626 (2355855)	1.26	415	2	4	20.6	62	0.08	13	5.69	81.5	0.07	<0.1	11	34.3
47627 (2355856)	1.80	566	3	6	27.2	91	0.06	17	7.46	101	0.15	<0.1	16	28.8
47628 (2355857)	1.65	532	<2	5	25.4	83	0.05	10	7.10	80.0	0.16	<0.1	13	30.8
47629 (2355858)	1.65	523	<2	6	27.8	75	0.04	12	7.61	84.2	0.12	<0.1	13	29.4
47630 (2355859)	1.60	517	<2	5	26.3	78	0.06	10	7.04	86.1	0.17	<0.1	14	31.1
47631 (2355860)	1.73	626	<2	6	29.7	80	0.07	16	8.20	102	0.24	<0.1	14	31.6
47632 (2355861)	1.14	360	<2	5	25.2	53	0.05	14	6.89	62.6	0.07	<0.1	9	33.6

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734622

PROJECT: 2021 Surimeau DDH Batch 43

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
47633 (2355862)	0.74	233	<2	4	26.4	36	0.05	19	7.24	50.8	0.06	<0.1	5	34.0
47634 (2355863)	0.63	193	<2	4	26.3	18	0.06	18	7.35	7.8	0.14	<0.1	<5	33.3
47635 (2355864)	0.56	203	<2	4	19.6	271	0.03	20	5.45	30.2	0.08	<0.1	<5	31.3
47636 (2355865)	0.60	192	<2	5	24.3	44	0.08	16	6.44	29.4	0.13	<0.1	<5	32.0
47637 (2355866)	1.92	656	3	6	32.4	75	0.08	17	8.99	73.5	0.16	<0.1	15	29.2
47638 (2355867)	1.82	624	<2	6	28.5	198	0.05	13	8.06	99.1	0.13	<0.1	16	30.4
47639 (2355868)	1.72	668	<2	6	26.1	363	0.06	9	7.25	71.9	0.14	<0.1	15	30.9
47640 (2355869)	1.56	502	2	6	29.2	76	0.06	17	8.16	90.1	0.15	<0.1	13	31.8
47641 (2355870)	3.96	914	<2	7	47.0	322	0.11	13	11.9	76.7	0.13	<0.1	19	28.5
47642 (2355871)	4.22	947	<2	7	48.2	156	0.12	11	11.8	72.0	0.09	<0.1	20	28.4
47643 (2355872)	1.64	554	<2	6	27.3	78	0.06	18	7.76	94.4	0.12	<0.1	14	31.4
47644 (2355873)	1.48	498	2	5	26.2	72	0.05	16	7.59	75.7	0.12	<0.1	13	31.8
47645 C-DUP (2355874)	1.50	511	2	6	25.5	75	0.05	15	7.25	77.8	0.13	<0.1	13	32.3
47646 (2355875)	1.93	539	4	6	27.4	92	0.06	14	7.68	100	0.13	<0.1	17	31.4
47647 (2355876)	1.84	599	2	6	27.4	96	0.06	13	7.80	109	0.14	<0.1	17	30.1
47648 (2355877)	1.72	539	<2	5	27.1	91	0.05	13	7.35	83.9	0.16	<0.1	15	32.9
47649 (2355878)	2.46	649	3	6	30.9	252	0.09	23	8.15	87.8	0.33	<0.1	17	31.0
47650 (2355879)	1.59	471	<2	5	25.4	68	0.05	11	7.09	54.9	0.21	<0.1	12	33.0

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734622

PROJECT: 2021 Surimeau DDH Batch 43

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
47601 (2355830)	4.6	<1	346	0.6	0.52	7.4	0.34	<0.5	0.22	2.26	110	<1	13.8	1.4
47602 (2355831)	5.0	<1	234	<0.5	0.65	4.9	0.26	<0.5	0.26	0.89	38	<1	19.4	1.7
47603 (2355832)	4.2	<1	348	0.5	0.53	7.7	0.33	<0.5	0.24	2.29	102	<1	14.5	1.4
47604 (2355833)	4.6	<1	317	0.6	0.52	7.5	0.36	<0.5	0.23	2.32	115	<1	14.2	1.4
47605 (2355834)	1.1	<1	32.2	<0.5	0.17	0.9	0.10	<0.5	0.09	0.21	59	5	4.9	0.5
47606 (2355835)	4.7	<1	249	0.6	0.58	7.7	0.37	0.5	0.27	2.53	127	1	15.4	1.6
47607 (2355836)	4.8	<1	212	0.6	0.56	7.4	0.37	0.5	0.23	2.27	128	1	15.9	1.7
47608 (2355837)	4.9	<1	283	0.5	0.56	7.4	0.34	<0.5	0.20	2.32	108	<1	13.5	1.3
47609 (2355838)	3.6	<1	299	<0.5	0.44	5.3	0.29	<0.5	0.16	1.75	92	<1	11.8	1.2
47610 (2355839)	5.1	<1	502	0.5	0.61	6.3	0.40	0.5	0.22	2.02	140	<1	16.1	1.5
47611 (2355840)	4.2	<1	370	<0.5	0.51	6.8	0.34	0.5	0.20	2.00	110	<1	12.8	1.2
47612 C-DUP (2355841)	4.2	<1	360	0.6	0.51	6.7	0.34	0.5	0.21	2.14	117	<1	14.1	1.4
47613 (2355842)	4.8	<1	369	0.6	0.59	9.1	0.37	0.5	0.21	3.11	110	<1	12.8	1.2
47614 (2355843)	4.3	<1	340	0.5	0.50	7.3	0.33	<0.5	0.20	2.30	103	<1	12.4	1.3
47615 (2355844)	4.7	<1	334	0.5	0.55	7.4	0.34	<0.5	0.20	2.32	106	<1	13.7	1.3
47616 (2355845)	4.4	<1	297	0.5	0.54	7.9	0.35	<0.5	0.24	2.45	107	<1	14.7	1.5
47617 (2355846)	4.6	<1	208	0.6	0.57	7.9	0.38	0.6	0.23	2.35	125	1	15.0	1.5
47618 (2355847)	4.0	<1	301	0.6	0.50	7.9	0.31	<0.5	0.20	2.51	102	<1	13.0	1.2
47619 (2355848)	4.5	<1	304	0.5	0.55	8.4	0.33	<0.5	0.23	2.69	99	<1	14.3	1.3
47620 (2355849)	4.7	<1	265	0.6	0.55	8.1	0.34	<0.5	0.24	2.53	109	<1	14.8	1.5
47621 (2355850)	5.2	<1	458	<0.5	0.64	7.5	0.33	0.5	0.21	2.61	109	<1	15.3	1.5
47622 (2355851)	3.6	<1	201	<0.5	0.53	3.7	0.19	<0.5	0.25	1.04	35	<1	14.9	1.3
47623 (2355852)	5.5	<1	481	0.5	0.67	7.9	0.34	0.5	0.24	2.55	105	<1	15.7	1.4
47624 (2355853)	5.3	<1	363	0.6	0.55	8.9	0.32	0.5	0.22	2.84	90	<1	14.7	1.4
47625 (2355854)	5.1	<1	337	0.5	0.63	8.1	0.32	0.6	0.28	2.40	97	<1	16.7	1.7
47626 (2355855)	3.4	<1	199	<0.5	0.40	5.3	0.24	<0.5	0.18	1.58	77	<1	11.1	1.1
47627 (2355856)	4.9	<1	306	0.6	0.59	7.6	0.35	0.6	0.22	2.49	111	<1	15.4	1.5
47628 (2355857)	4.6	<1	349	<0.5	0.50	7.9	0.32	<0.5	0.21	2.36	97	<1	13.2	1.3
47629 (2355858)	4.8	<1	383	<0.5	0.52	7.4	0.32	0.5	0.22	2.30	93	<1	13.9	1.3
47630 (2355859)	4.3	<1	260	<0.5	0.48	6.6	0.30	<0.5	0.19	2.05	94	<1	13.1	1.3
47631 (2355860)	5.1	<1	369	0.6	0.58	8.2	0.34	0.5	0.23	2.64	101	<1	15.8	1.5
47632 (2355861)	4.2	1	715	<0.5	0.43	5.7	0.24	<0.5	0.16	2.10	64	<1	10.1	0.8

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734622

PROJECT: 2021 Surimeau DDH Batch 43

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
47633 (2355862)	4.4	<1	1250	<0.5	0.34	4.6	0.20	<0.5	0.08	2.01	38	<1	6.4	0.5
47634 (2355863)	4.7	<1	1580	<0.5	0.36	4.3	0.19	<0.5	0.05	2.04	29	<1	5.3	0.4
47635 (2355864)	3.3	<1	1380	<0.5	0.24	2.9	0.15	<0.5	<0.05	1.37	22	<1	4.1	0.3
47636 (2355865)	4.1	1	1380	<0.5	0.31	4.1	0.19	<0.5	<0.05	2.25	27	<1	5.0	0.4
47637 (2355866)	5.6	<1	586	0.5	0.65	7.4	0.35	<0.5	0.24	2.37	103	<1	15.2	1.4
47638 (2355867)	5.1	<1	289	0.6	0.55	7.9	0.34	0.5	0.24	2.52	109	1	15.0	1.5
47639 (2355868)	4.3	<1	283	0.6	0.57	8.1	0.33	<0.5	0.23	2.88	105	<1	14.5	1.5
47640 (2355869)	4.8	<1	400	0.6	0.58	8.5	0.31	<0.5	0.23	2.45	88	<1	14.9	1.4
47641 (2355870)	9.2	2	472	0.5	0.92	8.4	0.39	0.5	0.27	2.47	134	<1	19.1	1.5
47642 (2355871)	9.3	2	446	0.5	0.95	7.8	0.40	<0.5	0.27	2.37	139	<1	19.7	1.7
47643 (2355872)	4.7	<1	325	0.6	0.57	8.7	0.31	0.6	0.24	2.56	94	<1	14.4	1.5
47644 (2355873)	4.4	<1	317	0.5	0.52	8.4	0.30	<0.5	0.22	2.67	87	<1	13.9	1.4
47645 C-DUP (2355874)	4.1	<1	322	0.5	0.52	8.2	0.31	<0.5	0.21	2.74	88	<1	14.0	1.4
47646 (2355875)	4.7	<1	229	0.6	0.55	8.1	0.35	0.6	0.24	2.53	113	<1	15.0	1.4
47647 (2355876)	5.1	<1	206	0.6	0.60	7.8	0.36	0.6	0.23	2.57	116	1	15.7	1.6
47648 (2355877)	4.9	<1	219	0.6	0.59	8.5	0.34	0.6	0.30	2.78	99	<1	14.1	1.6
47649 (2355878)	5.3	1	419	0.5	0.69	7.4	0.38	0.5	0.25	2.31	122	<1	16.0	1.6
47650 (2355879)	4.3	<1	264	<0.5	0.47	6.7	0.29	<0.5	0.20	2.05	81	<1	12.3	1.3

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734622

PROJECT: 2021 Surimeau DDH Batch 43

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
47601 (2355830)	87	134
47602 (2355831)	36	190
47603 (2355832)	93	141
47604 (2355833)	76	145
47605 (2355834)	86	30.2
47606 (2355835)	88	140
47607 (2355836)	85	138
47608 (2355837)	74	139
47609 (2355838)	69	115
47610 (2355839)	99	128
47611 (2355840)	77	133
47612 C-DUP (2355841)	83	130
47613 (2355842)	85	170
47614 (2355843)	77	151
47615 (2355844)	76	149
47616 (2355845)	73	141
47617 (2355846)	84	142
47618 (2355847)	70	144
47619 (2355848)	59	148
47620 (2355849)	65	151
47621 (2355850)	70	147
47622 (2355851)	13	165
47623 (2355852)	90	150
47624 (2355853)	86	172
47625 (2355854)	72	140
47626 (2355855)	55	95.9
47627 (2355856)	76	135
47628 (2355857)	87	144
47629 (2355858)	77	134
47630 (2355859)	75	128
47631 (2355860)	80	167
47632 (2355861)	42	145

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734622

PROJECT: 2021 Surimeau DDH Batch 43

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
47633 (2355862)	64	150
47634 (2355863)	55	161
47635 (2355864)	87	116
47636 (2355865)	64	155
47637 (2355866)	93	157
47638 (2355867)	81	158
47639 (2355868)	70	157
47640 (2355869)	70	153
47641 (2355870)	113	147
47642 (2355871)	98	133
47643 (2355872)	86	154
47644 (2355873)	62	137
47645 C-DUP (2355874)	66	137
47646 (2355875)	77	135
47647 (2355876)	79	137
47648 (2355877)	80	159
47649 (2355878)	83	144
47650 (2355879)	66	142

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734622

PROJECT: 2021 Surimeau DDH Batch 43

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
47601 (2355830)	77.56
47620 (2355849)	80.06
47640 (2355869)	78.63

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734622

PROJECT: 2021 Surimeau DDH Batch 43

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
47601 (2355830)		85.26
47619 (2355848)		86.67

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2355830	< 1	< 1	0.0%	2355844	3	< 1		2355855	< 1	< 1	0.0%	2355870	< 1	< 1	0.0%
Al	2355830	8.61	8.79	2.1%	2355844	8.79	8.81	0.2%	2355855	6.36	6.38	0.3%	2355870	7.11	7.09	0.3%
As	2355830	< 5	< 5	0.0%	2355844	< 5	< 5	0.0%	2355855	< 5	< 5	0.0%	2355870	< 5	< 5	0.0%
B	2355830	< 20	< 20	0.0%	2355844	< 20	< 20	0.0%	2355855	< 20	< 20	0.0%	2355870	< 20	< 20	0.0%
Ba	2355830	755	774	2.5%	2355844	795	786	1.1%	2355855	560	569	1.6%	2355870	818	806	1.5%
Be	2355830	< 5	< 5	0.0%	2355844	< 5	< 5	0.0%	2355855	< 5	< 5	0.0%	2355870	< 5	< 5	0.0%
Bi	2355830	< 0.1	< 0.1	0.0%	2355844	0.2	0.1		2355855	< 0.1	0.2		2355870	< 0.1	< 0.1	0.0%
Ca	2355830	1.25	1.23	1.6%	2355844	1.17	1.17	0.0%	2355855	1.44	1.38	4.3%	2355870	3.60	3.56	1.1%
Cd	2355830	< 0.2	< 0.2	0.0%	2355844	< 0.2	< 0.2	0.0%	2355855	< 0.2	< 0.2	0.0%	2355870	< 0.2	< 0.2	0.0%
Ce	2355830	56.2	57.2	1.8%	2355844	63.4	63.5	0.2%	2355855	46.2	47.4	2.6%	2355870	87.8	84.2	4.2%
Co	2355830	22.2	21.3	4.1%	2355844	21.3	20.6	3.3%	2355855	15.4	15.7	1.9%	2355870	33.9	30.5	10.6%
Cr	2355830	0.0299	0.0295	1.3%	2355844	0.0298	0.0295	1.0%	2355855	0.025	0.025	0.0%	2355870	0.088	0.074	17.3%
Cs	2355830	5.0	5.0	0.0%	2355844	4.97	4.92	1.0%	2355855	5.05	5.21	3.1%	2355870	4.5	4.2	6.9%
Cu	2355830	43	44	2.3%	2355844	49	54	9.7%	2355855	25	25	0.0%	2355870	33	28	16.4%
Dy	2355830	2.55	2.63	3.1%	2355844	2.59	2.60	0.4%	2355855	2.16	2.07	4.3%	2355870	4.00	3.87	3.3%
Er	2355830	1.44	1.49	3.4%	2355844	1.36	1.33	2.2%	2355855	1.14	1.16	1.7%	2355870	1.80	1.80	0.0%
Eu	2355830	1.19	1.14	4.3%	2355844	1.30	1.35	3.8%	2355855	0.96	0.98	2.1%	2355870	1.97	1.88	4.7%
Fe	2355830	4.20	4.21	0.2%	2355844	4.21	4.18	0.7%	2355855	3.05	3.09	1.3%	2355870	5.22	5.11	2.1%
Ga	2355830	19.9	19.5	2.0%	2355844	19.9	19.4	2.5%	2355855	15.9	15.0	5.8%	2355870	20.8	19.0	9.0%
Gd	2355830	3.58	3.57	0.3%	2355844	3.66	3.72	1.6%	2355855	2.85	3.12	9.0%	2355870	6.74	6.78	0.6%
Ge	2355830	2	2	0.0%	2355844	1	1	0.0%	2355855	1	1	0.0%	2355870	2	2	0.0%
Hf	2355830	4	4	0.0%	2355844	4	4	0.0%	2355855	3	3	0.0%	2355870	4	4	0.0%
Ho	2355830	0.49	0.50	2.0%	2355844	0.493	0.532	7.6%	2355855	0.433	0.414	4.5%	2355870	0.734	0.674	8.5%
In	2355830	< 0.2	< 0.2	0.0%	2355844	< 0.2	< 0.2	0.0%	2355855	< 0.2	< 0.2	0.0%	2355870	< 0.2	< 0.2	0.0%
K	2355830	2.05	2.12	3.4%	2355844	2.19	2.19	0.0%	2355855	1.84	1.87	1.6%	2355870	1.74	1.72	1.2%
La	2355830	26.6	27.5	3.3%	2355844	30.1	30.9	2.6%	2355855	22.1	22.5	1.8%	2355870	40.0	37.8	5.7%
Li	2355830	34	35	2.9%	2355844	30	31	3.3%	2355855	31	32	3.2%	2355870	32	31	3.2%
Lu	2355830	0.206	0.188	9.1%	2355844	0.206	0.175	16.3%	2355855	0.16	0.17	6.1%	2355870	0.256	0.229	11.1%
Mg	2355830	1.83	1.83	0.0%	2355844	1.76	1.74	1.1%	2355855	1.26	1.27	0.8%	2355870	3.96	3.97	0.3%
Mn	2355830	530	525	0.9%	2355844	504	510	1.2%	2355855	415	416	0.2%	2355870	914	882	3.6%
Mo	2355830	3	2		2355844	3	3	0.0%	2355855	2	3		2355870	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2355830	5	5	0.0%	2355844	6	5	18.2%	2355855	4	4	0.0%	2355870	7	6	15.4%
Nd	2355830	25.2	26.0	3.1%	2355844	27.7	27.2	1.8%	2355855	20.6	20.9	1.4%	2355870	47.0	44.9	4.6%
Ni	2355830	95	94	1.1%	2355844	92	93	1.1%	2355855	62	61	1.6%	2355870	322	269	17.9%
P	2355830	0.045	0.056	21.8%	2355844	0.050	0.044	12.8%	2355855	0.08	0.07	13.3%	2355870	0.114	0.105	8.2%
Pb	2355830	9	10	10.5%	2355844	9	10	10.5%	2355855	13	13	0.0%	2355870	13	12	8.0%
Pr	2355830	6.98	7.29	4.3%	2355844	7.52	7.70	2.4%	2355855	5.69	5.83	2.4%	2355870	11.9	11.3	5.2%
Rb	2355830	78.8	76.8	2.6%	2355844	84.6	81.2	4.1%	2355855	81.5	85.3	4.6%	2355870	76.7	72.1	6.2%
S	2355830	0.15	0.13	14.3%	2355844	0.10	0.12	18.2%	2355855	0.07	0.06	15.4%	2355870	0.130	0.146	11.6%
Sb	2355830	< 0.1	< 0.1	0.0%	2355844	< 0.1	< 0.1	0.0%	2355855	< 0.1	< 0.1	0.0%	2355870	< 0.1	< 0.1	0.0%
Sc	2355830	15	15	0.0%	2355844	15	15	0.0%	2355855	11	11	0.0%	2355870	19	19	0.0%
Si	2355830	32.5	32.4	0.3%	2355844	32.5	32.8	0.9%	2355855	34.3	32.3	6.0%	2355870	28.5	28.5	0.0%
Sm	2355830	4.6	4.3	6.7%	2355844	4.69	4.43	5.7%	2355855	3.4	3.8	11.1%	2355870	9.2	8.6	6.7%
Sn	2355830	< 1	< 1	0.0%	2355844	< 1	< 1	0.0%	2355855	< 1	< 1	0.0%	2355870	2	1	
Sr	2355830	346	349	0.9%	2355844	334	334	0.0%	2355855	199	198	0.5%	2355870	472	470	0.4%
Ta	2355830	0.58	0.52	10.9%	2355844	0.5	0.5	0.0%	2355855	< 0.5	< 0.5	0.0%	2355870	0.5	0.5	0.0%
Tb	2355830	0.517	0.499	3.5%	2355844	0.549	0.543	1.1%	2355855	0.401	0.421	4.9%	2355870	0.92	0.91	1.1%
Th	2355830	7.4	7.4	0.0%	2355844	7.4	7.5	1.3%	2355855	5.3	5.5	3.7%	2355870	8.37	7.89	5.9%
Ti	2355830	0.341	0.348	2.0%	2355844	0.34	0.34	0.0%	2355855	0.243	0.246	1.2%	2355870	0.387	0.382	1.3%
Tl	2355830	< 0.5	< 0.5	0.0%	2355844	< 0.5	< 0.5	0.0%	2355855	< 0.5	< 0.5	0.0%	2355870	0.5	0.5	0.0%
Tm	2355830	0.22	0.22	0.0%	2355844	0.199	0.208	4.4%	2355855	0.18	0.18	0.0%	2355870	0.270	0.251	7.3%
U	2355830	2.26	2.22	1.8%	2355844	2.32	2.39	3.0%	2355855	1.58	1.69	6.7%	2355870	2.47	2.18	12.5%
V	2355830	110	111	0.9%	2355844	106	105	0.9%	2355855	77	78	1.3%	2355870	134	134	0.0%
W	2355830	< 1	< 1	0.0%	2355844	< 1	< 1	0.0%	2355855	< 1	< 1	0.0%	2355870	< 1	< 1	0.0%
Y	2355830	13.8	13.7	0.7%	2355844	13.7	13.3	3.0%	2355855	11.1	11.4	2.7%	2355870	19.1	17.7	7.6%
Yb	2355830	1.4	1.4	0.0%	2355844	1.3	1.3	0.0%	2355855	1.1	1.1	0.0%	2355870	1.5	1.5	0.0%
Zn	2355830	87	90	3.4%	2355844	76	79	3.9%	2355855	55	61	10.3%	2355870	113	102	10.2%
Zr	2355830	134	139	3.7%	2355844	149	152	2.0%	2355855	95.9	104	8.1%	2355870	147	133	10.0%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O734622

PROJECT: 2021 Surimeau DDH Batch 43

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.CGL-015)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	13.0	13.1	101%	90% - 110%					6.94	6.95	100%	90% - 110%	13.0	12.8	98%	90% - 110%
Ba	1310	1367	104%	90% - 110%									1310	1263	96%	90% - 110%
Ca	1.42	1.38	98%	90% - 110%					4.01	3.93	98%	90% - 110%	1.42	1.36	96%	90% - 110%
Ce	58.2	60.3	104%	90% - 110%	58.2	60.9	104%	90% - 110%								
Cu	6.4	4.6	73%	90% - 110%												
Fe	3.27	3.37	103%	90% - 110%					7.56	7.6	101%	90% - 110%	3.27	3.22	98%	90% - 110%
Ga	22.6	22.4	99%	90% - 110%	22.6	24.4	108%	90% - 110%								
K	3.68	3.72	101%	90% - 110%					2.02	1.97	98%	90% - 110%	3.68	3.61	98%	90% - 110%
La	27.5	28.5	104%	90% - 110%	27.5	28	101%	90% - 110%								
Li	65.0	68.9	106%	90% - 110%									65.0	67.5	104%	90% - 110%
Mg									2.41	2.41	100%	90% - 110%				
Nb	22.6	22.6	100%	90% - 110%	22.6	24	106%	90% - 110%								
Nd	27.3	26.8	98%	90% - 110%	27.3	29.4	108%	90% - 110%								
P	0.061	0.06	98%	90% - 110%									0.061	0.058	95%	90% - 110%
Rb	85.4	93	109%	90% - 110%	85.4	90	105%	90% - 110%								
Si	24.4	25.9	106%	90% - 110%					23.65	24.7	104%	90% - 110%	24.4	25.2	103%	90% - 110%
Sr	310	325	105%	90% - 110%									310	316	102%	90% - 110%
Ti	0.222	0.213	96%	90% - 110%									0.222	0.203	92%	90% - 110%
Y	25.3	26.5	105%	90% - 110%	25.3	27.7	110%	90% - 110%								
Yb	2.66	2.86	107%	90% - 110%	2.66	3.18	120%	90% - 110%								
Zn	75.4	72.1	96%	90% - 110%									75.4	79	105%	90% - 110%
Zr	157	165	105%	90% - 110%	157	169	108%	90% - 110%								

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O734622

PROJECT: 2021 Surimeau DDH Batch 43

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O734622

PROJECT: 2021 Surimeau DDH Batch 43

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O734622

PROJECT: 2021 Surimeau DDH Batch 43

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton
PROJECT: 2021 Surimeau DDH Batch 44
AGAT WORK ORDER: 21O734626
SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician
DATE REPORTED: Sep 21, 2021
PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734626

PROJECT: 2021 Surimeau DDH Batch 44

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
47651 (2355894)	4.63
47652 (2355895)	0.90
47653 (2355896)	4.41
47654 (2355897)	4.44
47655 (2355898)	4.37
47656 (2355899)	4.79
47657 (2355900)	4.38
47658 (2355901)	4.49
47659 (2355902)	2.66
47660 (2355903)	2.28
47661 (2355904)	4.33
47662 C-DUP (2355905)	-
47663 (2355906)	4.63
47664 (2355907)	1.62
47665 (2355908)	1.33
47666 (2355909)	3.21
47667 (2355910)	3.98
47668 (2355911)	4.33
47669 (2355912)	4.64
47670 (2355913)	4.97
47671 (2355914)	4.45
47672 (2355915)	0.87
47673 (2355916)	4.16
47674 (2355917)	4.48
47675 (2355918)	4.23
47676 (2355919)	4.42
47677 (2355920)	4.92
47678 (2355921)	4.43
47679 (2355922)	4.58
47680 (2355923)	1.68
47681 (2355924)	4.12

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734626

PROJECT: 2021 Surimeau DDH Batch 44

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
47682 (2355925)		2.27
47683 (2355926)		2.49
47684 (2355927)		3.01
47685 (2355928)		4.13
47686 (2355929)		3.41
47687 (2355930)		2.18
47688 (2355931)		2.49
47689 (2355932)		3.90
47690 (2355933)		4.58
47691 (2355934)		2.21
47692 (2355935)		2.19
47693 (2355936)		5.26
47694 (2355937)		4.51
47695 C-DUP (2355938)		-
47696 (2355939)		4.44
47697 (2355940)		3.55
47698 (2355941)		1.17
47699 (2355942)		3.48
47700 (2355943)		2.54

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734626

PROJECT: 2021 Surimeau DDH Batch 44

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
47651 (2355894)	<1	8.26	<5	<20	972	<5	0.2	2.58	<0.2	69.2	26.0	0.038	3.6	46
47652 (2355895)	<1	5.50	<5	44	407	<5	<0.1	7.39	<0.2	40.8	6.4	0.020	0.9	10
47653 (2355896)	<1	8.94	<5	<20	936	<5	0.1	1.32	<0.2	62.1	23.8	0.029	4.8	46
47654 (2355897)	<1	8.22	<5	<20	786	<5	0.2	1.59	<0.2	68.6	19.5	0.032	5.0	48
47655 (2355898)	<1	9.37	<5	<20	844	<5	0.2	1.06	<0.2	57.7	23.3	0.025	6.1	50
47656 (2355899)	<1	9.23	<5	<20	686	<5	0.3	1.32	<0.2	64.4	24.3	0.030	5.2	52
47657 (2355900)	<1	9.15	<5	<20	757	<5	0.3	1.16	<0.2	60.7	23.0	0.029	5.3	45
47658 (2355901)	<1	8.52	<5	<20	780	<5	0.2	1.15	<0.2	65.7	22.2	0.029	5.3	43
47659 (2355902)	<1	8.85	<5	<20	771	<5	0.2	0.93	<0.2	54.7	18.5	0.027	4.6	37
47660 (2355903)	<1	8.65	<5	<20	625	<5	0.2	1.20	<0.2	62.9	22.6	0.028	4.5	49
47661 (2355904)	<1	9.57	<5	<20	713	<5	0.2	1.67	<0.2	73.0	26.4	0.030	5.4	50
47662 C-DUP (2355905)	<1	9.63	<5	<20	734	<5	0.3	1.71	<0.2	73.6	25.8	0.034	6.0	56
47663 (2355906)	<1	9.91	<5	<20	767	<5	0.3	1.33	<0.2	67.2	24.8	0.030	6.2	60
47664 (2355907)	<1	9.16	<5	<20	599	<5	0.4	2.04	<0.2	65.5	23.3	0.030	4.6	58
47665 (2355908)	<1	9.35	<5	<20	771	<5	0.3	1.42	<0.2	65.9	26.2	0.033	6.7	56
47666 (2355909)	<1	8.28	<5	<20	531	<5	0.3	1.79	0.3	66.2	20.2	0.032	3.1	45
47667 (2355910)	<1	8.41	<5	<20	713	<5	0.2	1.83	<0.2	60.8	18.4	0.030	3.5	54
47668 (2355911)	<1	7.89	<5	<20	611	<5	0.2	2.85	0.2	54.6	30.1	0.048	3.5	36
47669 (2355912)	<1	9.21	<5	20	974	<5	0.3	1.24	<0.2	67.1	28.0	0.032	5.8	45
47670 (2355913)	<1	8.70	<5	<20	839	<5	0.2	2.98	0.6	68.8	30.1	0.045	4.2	41
47671 (2355914)	<1	9.24	<5	<20	1240	<5	0.2	2.45	0.2	76.3	24.0	0.029	5.1	64
47672 (2355915)	<1	3.28	<5	<20	484	<5	<0.1	8.89	<0.2	45.4	4.7	0.016	1.1	6
47673 (2355916)	<1	9.80	<5	<20	1090	<5	0.3	1.94	0.2	62.6	29.1	0.038	6.4	65
47674 (2355917)	<1	8.44	<5	<20	619	<5	0.3	2.35	0.3	65.2	28.2	0.048	4.5	56
47675 (2355918)	<1	8.55	<5	<20	542	<5	0.2	1.57	0.3	60.7	22.5	0.037	3.8	56
47676 (2355919)	<1	9.64	<5	<20	955	<5	0.2	1.20	<0.2	59.5	22.9	0.031	4.4	49
47677 (2355920)	<1	9.11	<5	<20	964	<5	0.2	1.41	<0.2	64.9	22.0	0.028	4.4	51
47678 (2355921)	<1	9.27	<5	<20	861	<5	0.1	1.54	0.2	65.7	22.9	0.031	4.7	60
47679 (2355922)	<1	8.59	<5	<20	1090	<5	0.1	2.73	0.2	69.8	25.8	0.039	4.2	52
47680 (2355923)	<1	8.56	<5	<20	3080	<5	<0.1	2.03	<0.2	45.8	6.4	0.016	2.0	8
47681 (2355924)	<1	8.98	<5	<20	891	<5	0.2	1.60	0.4	59.0	20.7	0.031	4.4	50
47682 (2355925)	2	8.04	<5	<20	741	<5	0.1	1.89	<0.2	47.9	24.0	0.041	5.3	56

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734626

PROJECT: 2021 Surimeau DDH Batch 44

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
47683 (2355926)	1	8.53	<5	<20	906	<5	0.1	1.38	<0.2	57.4	14.8	0.028	3.3	33
47684 (2355927)	3	9.32	<5	<20	816	<5	0.3	1.38	<0.2	53.9	22.7	0.031	4.0	58
47685 (2355928)	<1	8.91	<5	<20	791	<5	0.4	1.52	<0.2	57.5	21.9	0.029	3.9	50
47686 (2355929)	2	8.74	<5	<20	2150	<5	<0.1	1.87	0.2	60.5	6.5	0.016	1.9	17
47687 (2355930)	<1	8.66	<5	<20	668	<5	0.2	1.89	<0.2	52.5	19.5	0.029	5.1	50
47688 (2355931)	2	9.07	<5	<20	2740	5	0.1	1.97	<0.2	59.1	7.5	0.016	2.6	6
47689 (2355932)	<1	8.83	<5	<20	680	<5	0.3	1.78	<0.2	58.1	21.3	0.030	5.2	55
47690 (2355933)	<1	9.25	<5	<20	823	<5	0.2	1.65	0.2	56.3	23.1	0.033	4.7	53
47691 (2355934)	2	9.12	<5	<20	860	<5	0.2	1.51	<0.2	55.9	18.7	0.029	5.2	46
47692 (2355935)	3	9.26	<5	<20	871	<5	0.2	1.37	<0.2	58.6	21.3	0.030	6.3	48
47693 (2355936)	1	8.97	<5	<20	862	8	0.7	1.46	<0.2	64.6	19.7	0.027	15.5	48
47694 (2355937)	<1	8.19	<5	<20	433	<5	0.2	1.04	0.5	62.0	19.4	0.031	8.3	50
47695 C-DUP (2355938)	<1	8.34	<5	<20	445	<5	0.3	1.04	0.5	64.2	19.4	0.030	9.2	52
47696 (2355939)	<1	8.92	<5	<20	1160	<5	0.2	1.23	0.2	62.7	21.2	0.030	4.6	42
47697 (2355940)	<1	9.08	<5	<20	771	<5	0.2	1.07	<0.2	46.9	17.3	0.031	3.9	45
47698 (2355941)	<1	8.86	<5	<20	2740	<5	<0.1	1.96	<0.2	53.3	9.5	0.020	1.5	18
47699 (2355942)	<1	9.05	<5	<20	690	<5	0.6	2.33	<0.2	42.0	16.3	0.026	1.1	57
47700 (2355943)	<1	7.05	<5	<20	687	<5	0.1	2.75	<0.2	59.5	23.9	0.029	4.0	96

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734626

PROJECT: 2021 Surimeau DDH Batch 44

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
47651 (2355894)	2.71	1.30	1.42	4.75	21.2	4.40	2	4	0.59	<0.2	1.88	31.8	28	0.23
47652 (2355895)	3.35	1.75	0.86	1.88	14.4	3.62	1	3	0.64	<0.2	2.84	18.6	35	0.28
47653 (2355896)	2.68	1.63	1.33	4.50	21.1	3.96	2	4	0.52	<0.2	2.72	29.2	41	0.25
47654 (2355897)	2.65	1.36	1.27	3.84	19.1	4.02	1	4	0.46	<0.2	1.81	33.8	28	0.21
47655 (2355898)	2.87	1.64	1.14	4.40	21.6	3.71	2	4	0.58	<0.2	3.36	28.3	39	0.20
47656 (2355899)	2.93	1.48	1.25	4.51	22.1	3.87	2	4	0.54	<0.2	2.68	31.5	41	0.27
47657 (2355900)	2.92	1.68	1.18	4.27	21.6	3.62	2	3	0.53	<0.2	2.72	29.0	41	0.20
47658 (2355901)	2.43	1.35	1.10	4.14	18.8	3.36	3	5	0.45	<0.2	2.30	31.9	40	0.19
47659 (2355902)	2.15	1.27	0.98	3.96	20.4	3.09	1	4	0.43	<0.2	2.58	27.0	43	0.17
47660 (2355903)	2.66	1.38	1.09	4.23	21.3	3.60	2	3	0.52	<0.2	2.23	30.5	42	0.23
47661 (2355904)	2.78	1.65	1.50	5.11	21.6	4.30	2	4	0.60	<0.2	2.84	35.5	43	0.24
47662 C-DUP (2355905)	3.08	1.49	1.37	5.28	22.5	4.36	2	4	0.61	<0.2	2.87	35.6	45	0.21
47663 (2355906)	2.85	1.71	1.27	4.97	22.5	4.28	1	4	0.59	<0.2	3.01	32.9	50	0.25
47664 (2355907)	2.55	1.59	1.18	4.45	20.9	3.93	2	4	0.51	<0.2	2.27	32.2	40	0.22
47665 (2355908)	2.92	1.39	1.19	5.01	22.0	3.84	2	4	0.57	<0.2	2.77	30.7	55	0.23
47666 (2355909)	2.69	1.33	1.06	4.04	19.7	3.31	1	5	0.46	<0.2	1.80	32.1	34	0.22
47667 (2355910)	2.17	1.22	1.06	3.82	16.4	3.62	1	4	0.47	<0.2	1.89	31.2	36	0.19
47668 (2355911)	2.65	1.51	1.12	5.16	21.2	3.79	2	4	0.47	<0.2	1.88	24.9	41	0.18
47669 (2355912)	2.87	1.61	1.28	4.84	26.2	4.47	1	4	0.60	<0.2	3.33	31.6	43	0.23
47670 (2355913)	3.18	1.56	1.55	5.72	20.6	4.94	2	4	0.61	<0.2	2.72	31.9	41	0.20
47671 (2355914)	3.29	1.71	1.66	4.88	22.0	4.88	2	4	0.62	<0.2	2.57	34.7	39	0.22
47672 (2355915)	2.24	1.44	0.77	1.74	7.91	2.47	1	5	0.46	<0.2	1.79	25.0	63	0.22
47673 (2355916)	3.07	1.50	1.39	5.53	24.4	3.81	2	4	0.57	<0.2	3.50	29.8	51	0.22
47674 (2355917)	2.86	1.53	1.16	5.52	18.5	4.19	1	4	0.55	<0.2	2.09	31.2	41	0.21
47675 (2355918)	2.77	1.49	1.11	4.77	18.7	3.44	2	4	0.47	<0.2	1.83	30.1	38	0.18
47676 (2355919)	2.55	1.42	1.20	4.62	20.7	3.42	1	4	0.50	<0.2	2.65	27.9	47	0.22
47677 (2355920)	2.61	1.48	1.22	4.36	18.9	4.17	2	4	0.54	<0.2	2.68	30.8	44	0.20
47678 (2355921)	2.82	1.51	1.16	4.75	18.9	4.03	1	4	0.50	<0.2	2.55	30.9	43	0.20
47679 (2355922)	3.12	1.58	1.50	5.10	19.1	4.69	2	4	0.58	<0.2	2.38	33.4	40	0.22
47680 (2355923)	1.54	0.58	0.97	1.88	21.8	2.43	1	3	0.28	<0.2	1.94	21.7	23	0.09
47681 (2355924)	2.56	1.27	0.93	4.29	19.2	3.33	1	4	0.48	<0.2	2.50	28.1	45	0.19
47682 (2355925)	2.52	1.32	1.04	4.78	17.7	3.38	2	3	0.50	<0.2	2.28	22.1	43	0.15

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734626

PROJECT: 2021 Surimeau DDH Batch 44

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
47683 (2355926)	2.61	1.39	1.15	3.27	18.1	3.47	1	4	0.49	<0.2	1.91	27.1	35	0.20
47684 (2355927)	2.58	1.38	1.08	4.53	20.6	3.09	1	4	0.44	<0.2	2.85	25.2	54	0.23
47685 (2355928)	2.44	1.34	1.12	4.22	19.3	3.54	1	4	0.46	<0.2	2.66	27.8	52	0.24
47686 (2355929)	2.50	1.08	1.62	2.14	22.9	4.90	1	4	0.43	<0.2	1.42	27.6	27	0.16
47687 (2355930)	2.16	1.14	0.98	4.01	19.7	3.14	2	4	0.39	<0.2	2.22	24.6	49	0.19
47688 (2355931)	2.54	1.08	1.69	2.35	21.9	4.75	<1	5	0.46	<0.2	2.12	25.9	38	0.11
47689 (2355932)	2.56	1.11	12.0	4.15	19.3	3.27	1	3	0.46	<0.2	2.49	27.1	62	0.17
47690 (2355933)	2.69	1.41	1.07	4.61	21.1	3.28	2	4	0.44	<0.2	3.17	26.9	70	0.20
47691 (2355934)	2.52	1.42	1.16	3.87	17.8	3.14	2	4	0.45	<0.2	2.87	27.6	61	0.21
47692 (2355935)	2.54	1.40	1.02	4.28	19.4	3.61	2	4	0.52	<0.2	3.16	28.2	67	0.19
47693 (2355936)	2.47	1.21	1.36	3.95	19.6	3.91	2	4	0.49	<0.2	2.48	31.5	60	0.19
47694 (2355937)	2.26	1.25	0.90	3.77	17.2	3.15	1	4	0.43	<0.2	1.68	30.7	52	0.16
47695 C-DUP (2355938)	2.36	1.37	1.08	3.84	19.3	3.23	2	5	0.48	<0.2	1.71	31.6	53	0.18
47696 (2355939)	2.53	1.23	1.28	4.31	19.0	3.73	1	4	0.49	<0.2	2.22	30.9	71	0.17
47697 (2355940)	1.88	0.94	0.94	4.13	17.8	2.62	<1	3	0.41	<0.2	2.08	22.6	72	0.20
47698 (2355941)	1.84	0.93	1.17	2.60	19.1	3.12	1	4	0.35	<0.2	3.03	24.1	30	0.12
47699 (2355942)	1.86	0.92	0.97	5.11	16.8	2.91	1	2	0.35	<0.2	1.73	19.1	54	0.12
47700 (2355943)	2.95	1.43	1.27	3.23	21.8	4.24	2	4	0.53	<0.2	0.67	27.4	18	0.20

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734626

PROJECT: 2021 Surimeau DDH Batch 44

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
47651 (2355894)	2.68	761	<2	5	32.8	91	0.11	14	8.26	60.9	0.31	0.1	18	31.1
47652 (2355895)	2.99	455	<2	7	19.5	14	0.02	28	5.04	78.8	0.17	<0.1	8	28.0
47653 (2355896)	1.94	590	<2	6	27.9	92	0.08	17	7.32	97.6	0.24	<0.1	17	32.0
47654 (2355897)	1.62	613	<2	6	29.9	69	0.08	13	7.98	62.4	0.33	<0.1	13	33.4
47655 (2355898)	1.91	532	3	6	27.3	92	0.07	13	6.86	111	0.23	<0.1	18	32.3
47656 (2355899)	1.93	598	<2	6	29.7	93	0.07	9	7.35	95.0	0.27	<0.1	18	32.1
47657 (2355900)	1.83	533	<2	6	26.4	88	0.05	11	6.85	96.0	0.24	<0.1	17	32.7
47658 (2355901)	1.67	534	2	6	28.2	71	0.07	11	7.66	75.4	0.35	<0.1	14	33.1
47659 (2355902)	1.80	503	<2	5	23.3	76	0.06	11	6.05	79.3	0.21	<0.1	14	35.0
47660 (2355903)	1.75	540	<2	6	27.0	80	0.07	9	7.25	79.2	0.24	<0.1	16	31.8
47661 (2355904)	2.43	698	<2	6	32.4	116	0.09	16	8.77	95.8	0.24	<0.1	20	31.9
47662 C-DUP (2355905)	2.52	711	<2	6	34.1	119	0.08	16	9.01	98.4	0.25	<0.1	21	32.2
47663 (2355906)	2.10	639	3	6	31.1	114	0.07	17	7.88	102	0.22	<0.1	20	32.5
47664 (2355907)	1.83	642	<2	6	28.3	90	0.07	17	7.69	82.4	0.26	<0.1	16	34.4
47665 (2355908)	2.26	634	2	7	29.4	118	0.08	18	7.95	112	0.23	<0.1	20	31.6
47666 (2355909)	1.83	614	<2	6	27.9	81	0.06	18	7.35	58.4	0.28	<0.1	13	34.0
47667 (2355910)	1.68	572	<2	5	25.5	74	0.06	19	6.98	65.4	0.25	<0.1	13	35.7
47668 (2355911)	3.42	827	<2	5	23.9	109	0.10	14	6.41	74.5	0.21	<0.1	21	30.9
47669 (2355912)	2.35	624	2	6	29.8	107	0.07	16	7.86	122	0.20	<0.1	20	30.2
47670 (2355913)	3.44	1070	<2	6	32.7	110	0.11	11	8.37	90.6	0.25	<0.1	24	31.9
47671 (2355914)	2.27	761	2	7	36.8	90	0.10	18	9.31	94.5	0.32	<0.1	19	32.7
47672 (2355915)	5.18	639	<2	3	17.2	10	0.02	11	4.91	51.0	0.17	<0.1	6	29.0
47673 (2355916)	2.73	731	3	6	28.8	114	0.09	19	7.44	124	0.28	<0.1	23	31.9
47674 (2355917)	3.19	967	<2	5	27.8	108	0.09	10	7.55	73.8	0.27	<0.1	22	33.0
47675 (2355918)	2.11	734	<2	6	26.7	89	0.06	7	7.18	57.5	0.29	<0.1	16	34.9
47676 (2355919)	1.94	542	<2	6	25.7	98	0.07	9	7.00	85.6	0.23	<0.1	17	34.6
47677 (2355920)	1.89	580	<2	6	29.0	88	0.06	16	7.48	90.9	0.22	<0.1	16	34.4
47678 (2355921)	2.04	662	<2	6	28.8	92	0.08	15	7.80	79.1	0.29	<0.1	17	35.5
47679 (2355922)	2.87	793	<2	6	33.5	103	0.12	17	8.80	80.4	0.24	<0.1	19	<0.01
47680 (2355923)	0.86	392	<2	4	21.6	23	0.08	25	5.57	51.7	0.13	<0.1	5	34.0
47681 (2355924)	1.72	659	<2	5	25.2	74	0.06	12	6.88	80.6	0.27	<0.1	14	35.0
47682 (2355925)	2.51	743	2	5	21.3	99	0.09	14	5.71	69.1	0.38	<0.1	19	34.1

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734626

PROJECT: 2021 Surimeau DDH Batch 44

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
47683 (2355926)	1.37	469	3	5	26.9	66	0.05	17	6.67	59.7	0.21	<0.1	12	36.0
47684 (2355927)	1.84	657	3	6	23.4	103	0.07	15	6.11	85.3	0.23	<0.1	17	33.3
47685 (2355928)	1.81	587	<2	6	24.8	96	0.05	16	6.71	87.2	0.23	<0.1	16	33.0
47686 (2355929)	0.84	449	<2	9	30.6	18	0.10	33	7.75	40.8	0.18	<0.1	6	35.4
47687 (2355930)	1.88	600	2	5	21.8	73	0.07	18	6.04	75.4	0.25	<0.1	14	34.0
47688 (2355931)	1.04	469	3	9	31.4	20	0.10	34	7.30	56.5	0.09	<0.1	7	36.3
47689 (2355932)	1.82	598	3	5	26.5	80	0.07	18	6.79	85.8	0.29	<0.1	16	34.2
47690 (2355933)	2.07	677	<2	6	25.1	97	0.07	16	6.41	103	0.22	<0.1	17	33.4
47691 (2355934)	1.58	550	2	5	24.6	82	0.06	22	6.61	84.2	0.23	<0.1	14	35.2
47692 (2355935)	1.80	588	<2	6	25.7	92	0.07	16	6.71	98.5	0.21	<0.1	17	33.2
47693 (2355936)	1.79	594	2	7	29.0	83	0.08	19	7.64	94.2	0.24	<0.1	15	33.7
47694 (2355937)	1.67	599	<2	5	26.1	85	0.06	10	7.03	50.9	0.34	<0.1	12	34.3
47695 C-DUP (2355938)	1.69	612	<2	5	26.3	76	0.06	11	6.98	52.8	0.34	<0.1	12	35.5
47696 (2355939)	1.84	610	<2	6	27.7	84	0.08	16	7.19	80.0	0.30	<0.1	15	<0.01
47697 (2355940)	1.73	575	2	4	20.7	89	0.06	8	5.34	56.4	0.32	<0.1	16	34.5
47698 (2355941)	1.36	511	<2	5	24.2	38	0.10	17	6.23	79.9	0.15	<0.1	8	34.9
47699 (2355942)	2.51	835	<2	4	22.3	71	0.10	24	5.31	19.2	0.45	<0.1	20	30.4
47700 (2355943)	1.64	591	3	6	29.2	38	0.08	13	7.11	54.9	0.69	<0.1	14	39.5

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734626

PROJECT: 2021 Surimeau DDH Batch 44

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
47651 (2355894)	6.0	<1	599	<0.5	0.58	7.4	0.39	<0.5	0.24	2.27	134	<1	15.0	1.4
47652 (2355895)	4.4	1	313	<0.5	0.56	4.7	0.25	<0.5	0.27	1.29	45	<1	16.7	2.1
47653 (2355896)	4.8	<1	285	<0.5	0.53	7.7	0.39	0.6	0.20	2.28	131	<1	14.7	1.4
47654 (2355897)	5.6	<1	527	<0.5	0.47	9.2	0.33	<0.5	0.20	3.03	100	<1	13.3	1.4
47655 (2355898)	4.8	1	242	<0.5	0.52	7.6	0.38	0.8	0.24	2.57	135	<1	15.1	1.5
47656 (2355899)	4.8	1	328	<0.5	0.57	7.8	0.39	0.6	0.21	2.58	129	<1	15.2	1.5
47657 (2355900)	4.9	<1	240	<0.5	0.50	7.9	0.37	0.6	0.21	2.28	123	<1	14.1	1.4
47658 (2355901)	4.8	<1	370	<0.5	0.41	9.0	0.35	0.5	0.20	3.21	107	<1	12.5	1.3
47659 (2355902)	4.4	<1	217	<0.5	0.44	11.1	0.33	0.5	0.19	4.14	104	<1	11.5	1.3
47660 (2355903)	4.3	<1	255	<0.5	0.48	8.2	0.36	<0.5	0.17	2.41	119	<1	13.8	1.5
47661 (2355904)	5.7	<1	443	<0.5	0.59	9.2	0.42	0.6	0.20	2.82	145	<1	16.0	1.6
47662 C-DUP (2355905)	5.7	1	450	<0.5	0.60	9.1	0.44	0.6	0.20	2.84	151	<1	15.6	1.4
47663 (2355906)	5.8	1	318	<0.5	0.50	9.2	0.41	0.6	0.24	2.78	145	<1	14.9	1.5
47664 (2355907)	4.8	1	389	<0.5	0.49	9.1	0.39	<0.5	0.21	2.87	119	<1	14.4	1.5
47665 (2355908)	4.9	1	344	<0.5	0.50	8.7	0.41	0.7	0.24	2.80	148	<1	14.9	1.5
47666 (2355909)	4.5	<1	368	<0.5	0.48	9.4	0.35	<0.5	0.18	2.90	103	<1	13.0	1.3
47667 (2355910)	3.8	<1	370	<0.5	0.45	9.1	0.34	<0.5	0.22	2.76	98	<1	12.1	1.2
47668 (2355911)	4.9	<1	326	<0.5	0.48	7.9	0.38	0.6	0.23	2.53	142	<1	13.9	1.4
47669 (2355912)	5.4	1	250	<0.5	0.53	9.3	0.38	0.8	0.27	2.73	140	1	14.9	1.5
47670 (2355913)	5.9	2	424	<0.5	0.65	7.7	0.42	0.6	0.24	2.58	170	<1	16.4	1.6
47671 (2355914)	6.8	<1	752	<0.5	0.63	8.4	0.39	0.7	0.19	2.77	135	<1	16.4	1.5
47672 (2355915)	2.9	1	163	<0.5	0.44	7.0	0.18	<0.5	0.18	1.11	33	<1	12.8	1.3
47673 (2355916)	5.2	<1	327	<0.5	0.54	8.3	0.43	0.9	0.24	2.58	161	<1	13.9	1.6
47674 (2355917)	5.2	1	343	<0.5	0.48	8.2	0.40	<0.5	0.22	2.89	155	<1	14.5	1.5
47675 (2355918)	4.6	1	362	<0.5	0.47	8.7	0.37	<0.5	0.22	2.97	119	<1	13.5	1.4
47676 (2355919)	4.7	<1	343	<0.5	0.46	8.2	0.39	0.5	0.17	2.60	123	<1	13.2	1.4
47677 (2355920)	4.8	1	450	<0.5	0.56	8.4	0.37	0.6	0.21	2.66	116	<1	14.4	1.4
47678 (2355921)	4.9	<1	444	<0.5	0.47	8.9	0.41	0.5	0.19	2.87	123	<1	13.0	1.5
47679 (2355922)	5.8	<1	648	<0.5	0.61	8.2	0.39	0.6	0.22	2.68	130	<1	14.9	1.4
47680 (2355923)	3.7	<1	1850	<0.5	0.31	3.4	0.19	<0.5	0.08	1.63	43	<1	7.3	0.6
47681 (2355924)	5.1	<1	548	<0.5	0.43	7.9	0.37	0.5	0.18	3.10	106	<1	12.1	1.3
47682 (2355925)	3.5	1	405	<0.5	0.45	6.4	0.38	0.5	0.18	2.06	135	<1	13.1	1.4

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734626

PROJECT: 2021 Surimeau DDH Batch 44

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
47683 (2355926)	5.1	<1	780	<0.5	0.50	6.5	0.28	<0.5	0.21	2.73	86	<1	14.0	1.4
47684 (2355927)	4.5	<1	349	<0.5	0.44	7.8	0.39	0.6	0.22	2.38	127	<1	12.9	1.4
47685 (2355928)	4.4	<1	340	<0.5	0.51	7.8	0.36	0.6	0.17	2.66	117	<1	13.2	1.4
47686 (2355929)	6.8	<1	2070	<0.5	0.53	5.7	0.20	<0.5	0.14	3.86	42	<1	12.3	0.9
47687 (2355930)	3.5	<1	354	<0.5	0.41	7.2	0.35	0.5	0.15	2.34	106	<1	11.9	1.2
47688 (2355931)	6.8	1	2050	<0.5	0.53	4.7	0.22	0.6	0.12	3.43	47	<1	12.2	0.9
47689 (2355932)	4.0	<1	455	<0.5	0.41	7.7	0.36	0.6	0.17	2.41	115	<1	12.0	1.3
47690 (2355933)	4.1	<1	393	<0.5	0.45	7.6	0.39	0.6	0.21	2.48	128	<1	13.1	1.3
47691 (2355934)	4.7	<1	431	<0.5	0.45	7.1	0.34	0.5	0.18	2.44	104	<1	12.0	1.2
47692 (2355935)	4.9	<1	329	<0.5	0.47	7.7	0.37	0.6	0.19	2.24	123	<1	12.9	1.4
47693 (2355936)	4.8	1	469	1.5	0.47	8.1	0.35	0.6	0.18	2.75	109	<1	12.1	1.1
47694 (2355937)	4.3	<1	285	<0.5	0.43	9.2	0.33	<0.5	0.21	3.25	93	<1	11.6	1.2
47695 C-DUP (2355938)	4.4	<1	290	<0.5	0.44	9.7	0.34	<0.5	0.19	3.46	94	<1	11.9	1.2
47696 (2355939)	5.1	<1	421	<0.5	0.48	8.8	0.36	0.5	0.17	3.12	111	<1	12.9	1.4
47697 (2355940)	3.2	<1	364	<0.5	0.39	6.5	0.36	<0.5	0.16	2.14	115	<1	10.4	1.1
47698 (2355941)	4.6	<1	1340	<0.5	0.44	5.0	0.22	<0.5	0.15	2.51	60	<1	9.9	0.8
47699 (2355942)	3.9	<1	611	<0.5	0.32	3.8	0.47	<0.5	0.15	1.26	157	2	9.1	0.9
47700 (2355943)	5.1	<1	941	<0.5	0.54	7.1	0.33	<0.5	0.21	2.06	98	<1	14.6	1.5

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734626

PROJECT: 2021 Surimeau DDH Batch 44

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
47651 (2355894)	101	135
47652 (2355895)	52	112
47653 (2355896)	98	133
47654 (2355897)	81	150
47655 (2355898)	82	124
47656 (2355899)	73	134
47657 (2355900)	76	126
47658 (2355901)	74	174
47659 (2355902)	72	128
47660 (2355903)	77	127
47661 (2355904)	108	139
47662 C-DUP (2355905)	108	138
47663 (2355906)	103	125
47664 (2355907)	86	150
47665 (2355908)	102	138
47666 (2355909)	99	168
47667 (2355910)	81	151
47668 (2355911)	104	137
47669 (2355912)	115	127
47670 (2355913)	149	126
47671 (2355914)	145	145
47672 (2355915)	35	190
47673 (2355916)	124	128
47674 (2355917)	163	133
47675 (2355918)	144	139
47676 (2355919)	128	138
47677 (2355920)	96	142
47678 (2355921)	154	147
47679 (2355922)	99	135
47680 (2355923)	65	109
47681 (2355924)	216	158
47682 (2355925)	112	117

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734626

PROJECT: 2021 Surimeau DDH Batch 44

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
47683 (2355926)	138	123
47684 (2355927)	113	126
47685 (2355928)	103	144
47686 (2355929)	73	129
47687 (2355930)	82	128
47688 (2355931)	69	131
47689 (2355932)	90	127
47690 (2355933)	148	129
47691 (2355934)	85	124
47692 (2355935)	87	128
47693 (2355936)	92	142
47694 (2355937)	203	165
47695 C-DUP (2355938)	201	177
47696 (2355939)	181	143
47697 (2355940)	155	112
47698 (2355941)	58	123
47699 (2355942)	124	91.3
47700 (2355943)	91	132

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734626

PROJECT: 2021 Surimeau DDH Batch 44

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
47651 (2355894)	85.27
47670 (2355913)	83.69
47690 (2355933)	79.69

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734626

PROJECT: 2021 Surimeau DDH Batch 44

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
47651 (2355894)	85.04
47669 (2355912)	85.29
47688 (2355931)	87.28

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O734626

PROJECT: 2021 Surimeau DDH Batch 44

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2355894	< 1	< 1	0.0%	2355908	< 1	< 1	0.0%	2355919	< 1	< 1	0.0%	2355934	2	< 1	
Al	2355894	8.26	8.35	1.1%	2355908	9.35	9.66	3.3%	2355919	9.64	9.50	1.5%	2355934	9.12	8.85	3.0%
As	2355894	< 5	< 5	0.0%	2355908	< 5	< 5	0.0%	2355919	< 5	< 5	0.0%	2355934	< 5	< 5	0.0%
B	2355894	< 20	< 20	0.0%	2355908	< 20	< 20	0.0%	2355919	< 20	< 20	0.0%	2355934	< 20	< 20	0.0%
Ba	2355894	972	973	0.1%	2355908	771	739	4.2%	2355919	955	944	1.2%	2355934	860	841	2.2%
Be	2355894	< 5	< 5	0.0%	2355908	< 5	< 5	0.0%	2355919	< 5	< 5	0.0%	2355934	< 5	< 5	0.0%
Bi	2355894	0.2	0.2	0.0%	2355908	0.3	0.3	0.0%	2355919	0.2	0.2	0.0%	2355934	0.2	0.2	0.0%
Ca	2355894	2.58	2.59	0.4%	2355908	1.42	1.47	3.5%	2355919	1.20	1.18	1.7%	2355934	1.51	1.47	2.7%
Cd	2355894	< 0.2	< 0.2	0.0%	2355908	< 0.2	< 0.2	0.0%	2355919	< 0.2	< 0.2	0.0%	2355934	< 0.2	< 0.2	0.0%
Ce	2355894	69.2	71.0	2.6%	2355908	65.9	64.5	2.1%	2355919	59.5	60.6	1.8%	2355934	55.9	54.2	3.1%
Co	2355894	26.0	25.0	3.9%	2355908	26.2	26.5	1.1%	2355919	22.9	22.5	1.8%	2355934	18.7	19.6	4.7%
Cr	2355894	0.038	0.040	5.1%	2355908	0.0331	0.0313	5.6%	2355919	0.031	0.030	3.3%	2355934	0.029	0.029	0.0%
Cs	2355894	3.6	3.6	0.0%	2355908	6.66	6.58	1.2%	2355919	4.4	5.0	12.8%	2355934	5.2	5.1	1.9%
Cu	2355894	46	48	4.3%	2355908	56	58	3.5%	2355919	49	47	4.2%	2355934	46	45	2.2%
Dy	2355894	2.71	2.94	8.1%	2355908	2.92	3.11	6.3%	2355919	2.55	2.87	11.8%	2355934	2.52	2.18	14.5%
Er	2355894	1.30	1.51	14.9%	2355908	1.39	1.61	14.7%	2355919	1.42	1.60	11.9%	2355934	1.42	1.28	10.4%
Eu	2355894	1.42	1.63	13.8%	2355908	1.19	1.20	0.8%	2355919	1.20	1.17	2.5%	2355934	1.16	1.07	8.1%
Fe	2355894	4.75	4.78	0.6%	2355908	5.01	5.11	2.0%	2355919	4.62	4.57	1.1%	2355934	3.87	3.77	2.6%
Ga	2355894	21.2	19.2	9.9%	2355908	22.0	24.6	11.2%	2355919	20.7	19.3	7.0%	2355934	17.8	19.6	9.6%
Gd	2355894	4.40	4.71	6.8%	2355908	3.84	3.85	0.3%	2355919	3.42	3.66	6.8%	2355934	3.14	3.09	1.6%
Ge	2355894	2	1		2355908	2	2	0.0%	2355919	1	1	0.0%	2355934	2	1	
Hf	2355894	4	4	0.0%	2355908	4	4	0.0%	2355919	4	4	0.0%	2355934	4	4	0.0%
Ho	2355894	0.59	0.56	5.2%	2355908	0.567	0.509	10.8%	2355919	0.50	0.53	5.8%	2355934	0.45	0.41	9.3%
In	2355894	< 0.2	< 0.2	0.0%	2355908	< 0.2	< 0.2	0.0%	2355919	< 0.2	< 0.2	0.0%	2355934	< 0.2	< 0.2	0.0%
K	2355894	1.88	1.87	0.5%	2355908	2.77	2.84	2.5%	2355919	2.65	2.60	1.9%	2355934	2.87	2.78	3.2%
La	2355894	31.8	33.7	5.8%	2355908	30.7	31.1	1.3%	2355919	27.9	28.8	3.2%	2355934	27.6	26.9	2.6%
Li	2355894	28	28	0.0%	2355908	55	56	1.8%	2355919	47	47	0.0%	2355934	61	57	6.8%
Lu	2355894	0.23	0.21	9.1%	2355908	0.23	0.20	14.0%	2355919	0.22	0.19	14.6%	2355934	0.21	0.15	
Mg	2355894	2.68	2.68	0.0%	2355908	2.26	2.15	5.0%	2355919	1.94	1.94	0.0%	2355934	1.58	1.54	2.6%
Mn	2355894	761	775	1.8%	2355908	634	648	2.2%	2355919	542	534	1.5%	2355934	550	525	4.7%
Mo	2355894	< 2	< 2	0.0%	2355908	2	2	0.0%	2355919	< 2	< 2	0.0%	2355934	2	2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2355894	5	5	0.0%	2355908	7	7	0.0%	2355919	6	6	0.0%	2355934	5	5	0.0%
Nd	2355894	32.8	33.7	2.7%	2355908	29.4	27.9	5.2%	2355919	25.7	26.8	4.2%	2355934	24.6	24.0	2.5%
Ni	2355894	91	114	22.4%	2355908	118	106	10.7%	2355919	98	103	5.0%	2355934	82	81	1.2%
P	2355894	0.107	0.102	4.8%	2355908	0.08	0.08	0.0%	2355919	0.065	0.062	4.7%	2355934	0.06	0.06	0.0%
Pb	2355894	14	14	0.0%	2355908	18	17	5.7%	2355919	9	9	0.0%	2355934	22	16	
Pr	2355894	8.26	8.60	4.0%	2355908	7.95	7.90	0.6%	2355919	7.00	7.10	1.4%	2355934	6.61	6.27	5.3%
Rb	2355894	60.9	62.2	2.1%	2355908	112	105	6.5%	2355919	85.6	83.4	2.6%	2355934	84.2	88.4	4.9%
S	2355894	0.309	0.317	2.6%	2355908	0.225	0.213	5.5%	2355919	0.23	0.23	0.0%	2355934	0.23	0.22	4.4%
Sb	2355894	0.1	< 0.1		2355908	< 0.1	< 0.1	0.0%	2355919	< 0.1	< 0.1	0.0%	2355934	< 0.1	< 0.1	0.0%
Sc	2355894	18	18	0.0%	2355908	20	20	0.0%	2355919	17	17	0.0%	2355934	14	14	0.0%
Si	2355894	31.1	31.7	1.9%	2355908	31.6	32.8	3.7%	2355919	34.6	34.1	1.5%	2355934	35.2	33.8	4.1%
Sm	2355894	5.95	5.74	3.6%	2355908	4.89	4.71	3.8%	2355919	4.7	4.7	0.0%	2355934	4.66	3.93	17.0%
Sn	2355894	< 1	< 1	0.0%	2355908	1	1	0.0%	2355919	< 1	< 1	0.0%	2355934	< 1	< 1	0.0%
Sr	2355894	599	605	1.0%	2355908	344	358	4.0%	2355919	343	339	1.2%	2355934	431	421	2.3%
Ta	2355894	< 0.5	< 0.5	0.0%	2355908	< 0.5	< 0.5	0.0%	2355919	< 0.5	< 0.5	0.0%	2355934	< 0.5	< 0.5	0.0%
Tb	2355894	0.582	0.572	1.7%	2355908	0.504	0.474	6.1%	2355919	0.46	0.50	8.3%	2355934	0.446	0.412	7.9%
Th	2355894	7.40	7.47	0.9%	2355908	8.7	9.2	5.6%	2355919	8.23	8.77	6.4%	2355934	7.1	7.1	0.0%
Ti	2355894	0.392	0.398	1.5%	2355908	0.41	0.42	2.4%	2355919	0.39	0.39	0.0%	2355934	0.340	0.331	2.7%
Tl	2355894	< 0.5	< 0.5	0.0%	2355908	0.7	0.6	15.4%	2355919	0.5	0.5	0.0%	2355934	0.51	0.56	9.3%
Tm	2355894	0.242	0.202	18.0%	2355908	0.240	0.222	7.8%	2355919	0.17	0.17	0.0%	2355934	0.18	0.16	11.8%
U	2355894	2.27	2.27	0.0%	2355908	2.80	2.77	1.1%	2355919	2.60	2.69	3.4%	2355934	2.44	2.32	5.0%
V	2355894	134	132	1.5%	2355908	148	144	2.7%	2355919	123	125	1.6%	2355934	104	101	2.9%
W	2355894	< 1	< 1	0.0%	2355908	< 1	< 1	0.0%	2355919	< 1	< 1	0.0%	2355934	< 1	< 1	0.0%
Y	2355894	15.0	14.5	3.4%	2355908	14.9	14.6	2.0%	2355919	13.2	14.2	7.3%	2355934	12.0	11.7	2.5%
Yb	2355894	1.43	1.45	1.4%	2355908	1.5	1.6	6.5%	2355919	1.4	1.4	0.0%	2355934	1.17	1.12	4.4%
Zn	2355894	101	101	0.0%	2355908	102	104	1.9%	2355919	128	136	6.1%	2355934	85	75	12.5%
Zr	2355894	135	134	0.7%	2355908	138	136	1.5%	2355919	138	129	6.7%	2355934	124	133	7.0%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O734626

PROJECT: 2021 Surimeau DDH Batch 44

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.49	100%	90% - 110%					6.94	7.57	109%	90% - 110%	13.0	14	108%	90% - 110%
As	26	30	114%	90% - 110%												
Ba	540	546	101%	90% - 110%									1310	1427	109%	90% - 110%
Be	4.0	4.3	108%	90% - 110%												
Ca	0.907	0.911	100%	90% - 110%					4.01	4.31	107%	90% - 110%	1.42	1.49	105%	90% - 110%
Ce	98	105	107%	90% - 110%	58.2	62.1	107%	90% - 110%								
Co	15	14	93%	90% - 110%												
Cu	150	168	112%	90% - 110%												
Er	3.7	3.7	101%	90% - 110%												
Fe	3.77	3.94	105%	90% - 110%					7.56	8.3	110%	90% - 110%	3.27	3.58	109%	90% - 110%
Ga					22.6	22.5	99%	90% - 110%								
Hf	11	10	90%	90% - 110%												
K	2.55	2.77	109%	90% - 110%					2.02	2.36	117%	90% - 110%	3.68	4.33	118%	90% - 110%
La	44	46	105%	90% - 110%	27.5	29.9	109%	90% - 110%								
Li	47	53	112%	90% - 110%									65.0	80.3	124%	90% - 110%
Lu	0.6	0.6	97%	90% - 110%												
Mg	1.1	1.1	100%	90% - 110%					2.41	2.56	106%	90% - 110%				
Mn	780	814	104%	90% - 110%												
Mo	14	14	101%	90% - 110%												
Nb	20	19	95%	90% - 110%	22.6	22.6	100%	90% - 110%								
Nd					27.3	28.1	103%	90% - 110%								
Ni	32	38	117%	90% - 110%												
P													0.061	0.058	94%	90% - 110%
Pb	31	32	104%	90% - 110%												
Rb	144	146	101%	90% - 110%	85.4	86.5	101%	90% - 110%								
Sb	0.8	1	126%	90% - 110%												
Sc	12	13	109%	90% - 110%												
Si	28.4	31	109%	90% - 110%					23.65	27.54	116%	90% - 110%	24.4	28.1	115%	90% - 110%
Sm	7.4	8.1	109%	90% - 110%												
Sr	144	162	113%	90% - 110%									310	362	117%	90% - 110%
Ta	1.9	1.5	82%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Tb	1.2	1.1	94%	90% - 110%												
Th	18.4	20	108%	90% - 110%												
Ti	0.527	0.543	103%	90% - 110%									0.222	0.238	107%	90% - 110%
U	5.7	5.7	101%	90% - 110%												
V	77	87	113%	90% - 110%												
W	5	5	101%	90% - 110%												
Y	40	36	90%	90% - 110%	25.3	25.4	100%	90% - 110%								
Yb					2.66	2.93	110%	90% - 110%								
Zn	130	141	109%	90% - 110%									75.4	95.1	126%	90% - 110%
Zr	390	363	93%	90% - 110%	157	140	89%	90% - 110%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O734626

PROJECT: 2021 Surimeau DDH Batch 44

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O734626

PROJECT: 2021 Surimeau DDH Batch 44

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O734626

PROJECT: 2021 Surimeau DDH Batch 44

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton
PROJECT: 2021 Surimeau DDH Batch 45
AGAT WORK ORDER: 21O734628
SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician
DATE REPORTED: Sep 21, 2021
PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734628

PROJECT: 2021 Surimeau DDH Batch 45

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
47701 (2355946)	3.61
47702 (2355947)	0.63
47703 (2355948)	2.80
47704 (2355949)	3.50
47705 (2355950)	2.11
47706 (2355951)	2.27
47707 (2355952)	1.08
47708 (2355953)	2.25
47709 (2355954)	4.69
47710 (2355955)	3.30
47711 (2355956)	2.17
47712 C-DUP (2355957)	-
47713 (2355958)	1.23
47714 (2355959)	2.32
47715 (2355960)	2.28
47716 (2355961)	3.58
47717 (2355962)	2.99
47718 (2355963)	1.90
47719 (2355964)	4.68
47720 (2355965)	3.41
47721 (2355966)	4.84
47722 (2355967)	0.96
47723 (2355968)	3.41
47724 (2355969)	3.06
47725 (2355970)	4.07
47726 (2355971)	4.43
47727 (2355972)	5.22
47728 (2355973)	5.94
47729 (2355974)	5.03
47730 (2355975)	3.44
47731 (2355976)	3.78

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734628

PROJECT: 2021 Surimeau DDH Batch 45

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
47732 (2355977)	5.27
47733 (2355978)	3.64
47734 (2355979)	3.73
47735 (2355980)	4.14
47736 (2355981)	5.46
47737 (2355982)	3.38
47738 (2355983)	4.17
47739 (2355984)	4.43
47740 (2355985)	4.80
47741 (2355986)	3.31
47742 (2355987)	2.78
47743 (2355988)	4.26
47744 (2355989)	4.54
47745 C-DUP (2355990)	-
47746 (2355991)	3.96
47747 (2355992)	4.91
47748 (2355993)	5.54
47749 (2355994)	5.09
47750 (2355995)	3.42

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734628

PROJECT: 2021 Surimeau DDH Batch 45

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
47701 (2355946)	<1	7.98	<5	<20	603	<5	0.2	1.26	0.4	63.7	22.3	0.028	4.5	66
47702 (2355947)	<1	2.88	<5	58	388	<5	<0.1	11.2	<0.2	52.8	4.5	0.010	0.7	16
47703 (2355948)	<1	8.72	<5	<20	366	<5	<0.1	0.80	0.6	60.2	18.5	0.034	4.1	43
47704 (2355949)	<1	8.97	<5	<20	566	<5	<0.1	1.06	0.9	63.3	21.0	0.029	5.3	47
47705 (2355950)	<1	8.94	<5	<20	530	<5	<0.1	0.82	0.4	52.0	19.9	0.030	6.3	39
47706 (2355951)	<1	11.4	<5	<20	2870	<5	0.8	4.24	0.7	135	27.2	0.031	6.5	44
47707 (2355952)	<1	10.6	<5	<20	720	<5	0.4	1.38	<0.2	66.8	25.9	0.028	6.0	103
47708 (2355953)	<1	11.0	<5	<20	1230	<5	0.4	1.62	1.5	59.0	19.5	0.019	7.1	125
47709 (2355954)	<1	9.84	<5	<20	714	<5	0.2	1.54	0.2	68.2	24.0	0.027	4.9	65
47710 (2355955)	<1	10.5	<5	<20	472	<5	<0.1	1.09	0.5	58.5	23.5	0.027	8.0	54
47711 (2355956)	<1	10.0	<5	<20	391	<5	0.8	1.03	2.2	79.6	34.6	0.031	9.5	152
47712 C-DUP (2355957)	<1	10.1	<5	<20	409	<5	0.8	1.05	2.1	67.0	32.4	0.032	8.6	157
47713 (2355958)	<1	10.7	<5	<20	1150	<5	0.3	0.54	<0.2	75.2	30.0	0.027	7.4	90
47714 (2355959)	<1	3.96	<5	<20	812	<5	0.2	3.86	0.3	19.2	76.7	0.207	27.1	26
47715 (2355960)	<1	4.57	<5	<20	893	<5	0.2	4.00	0.4	19.7	70.0	0.192	26.8	33
47716 (2355961)	<1	3.16	<5	<20	134	<5	0.5	3.22	<0.2	2.4	88.0	0.218	7.4	29
47717 (2355962)	<1	3.30	<5	<20	42.6	<5	0.5	2.45	<0.2	1.6	83.0	0.229	2.9	48
47718 (2355963)	<1	3.34	<5	<20	500	<5	0.4	4.45	0.2	2.1	81.5	0.197	34.3	17
47719 (2355964)	<1	3.82	<5	<20	138	<5	0.5	4.18	<0.2	1.9	85.0	0.224	10.7	65
47720 (2355965)	<1	3.35	<5	<20	4.3	<5	0.6	5.41	<0.2	3.0	92.0	0.263	0.7	38
47721 (2355966)	<1	3.20	<5	<20	18.4	<5	0.4	5.59	<0.2	3.1	79.9	0.238	1.2	30
47722 (2355967)	3	3.61	<5	<20	355	<5	<0.1	10.4	<0.2	38.0	6.7	0.018	0.8	<5
47723 (2355968)	<1	3.56	<5	<20	10.8	<5	0.5	4.08	<0.2	2.5	85.7	0.221	1.1	63
47724 (2355969)	<1	4.01	<5	<20	634	<5	0.2	4.94	<0.2	5.5	74.3	0.204	32.8	56
47725 (2355970)	<1	3.67	<5	<20	503	<5	0.4	4.95	<0.2	2.6	78.8	0.214	26.4	58
47726 (2355971)	<1	3.69	<5	<20	4.5	<5	0.4	5.52	<0.2	3.2	97.3	0.264	0.3	99
47727 (2355972)	<1	3.62	<5	<20	5.0	<5	0.3	5.50	<0.2	2.4	87.8	0.235	0.5	48
47728 (2355973)	<1	3.64	<5	<20	1.7	<5	0.4	5.32	<0.2	2.2	91.5	0.239	0.2	32
47729 (2355974)	<1	3.60	<5	<20	1.5	<5	0.3	5.29	<0.2	2.5	87.5	0.236	0.2	43
47730 (2355975)	<1	3.26	<5	<20	2.4	<5	0.4	5.34	<0.2	3.3	92.1	0.218	0.3	70
47731 (2355976)	<1	4.79	<5	<20	857	<5	0.3	3.95	<0.2	27.6	73.3	0.199	35.6	16
47732 (2355977)	<1	5.60	<5	<20	731	<5	0.4	5.45	4.6	72.9	75.7	0.153	27.2	46

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734628

PROJECT: 2021 Surimeau DDH Batch 45

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
47733 (2355978)	<1	5.53	<5	<20	913	<5	0.4	3.52	<0.2	20.5	85.9	0.235	36.3	78
47734 (2355979)	1	7.26	<5	<20	720	<5	0.4	5.44	5.2	81.0	57.5	0.078	10.0	201
47735 (2355980)	<1	7.92	<5	<20	631	<5	0.3	6.54	0.8	79.3	52.8	0.058	5.7	268
47736 (2355981)	<1	4.22	<5	<20	558	<5	0.4	5.25	0.4	7.2	83.9	0.195	21.6	79
47737 (2355982)	<1	3.71	<5	<20	455	<5	0.3	5.77	0.3	4.4	77.6	0.194	18.0	49
47738 (2355983)	<1	4.23	<5	<20	588	<5	0.3	5.03	0.5	8.1	80.9	0.184	23.2	58
47739 (2355984)	<1	7.79	<5	<20	626	<5	0.2	6.22	0.2	93.8	49.2	0.087	11.8	<5
47740 (2355985)	<1	5.90	<5	<20	539	<5	0.2	6.41	<0.2	88.3	60.9	0.123	16.3	71
47741 (2355986)	<1	5.11	<5	<20	224	<5	0.2	8.20	0.6	134	57.4	0.093	2.1	<5
47742 (2355987)	<1	5.24	<5	<20	284	<5	0.2	8.05	0.6	105	63.4	0.101	3.7	<5
47743 (2355988)	<1	4.84	<5	<20	398	<5	0.3	6.80	0.4	79.9	65.3	0.133	10.9	<5
47744 (2355989)	<1	3.46	<5	<20	469	<5	0.4	4.25	0.3	3.2	96.0	0.228	27.1	95
47745 C-DUP (2355990)	<1	3.55	<5	<20	450	<5	0.4	4.37	0.3	2.3	92.8	0.225	25.6	97
47746 (2355991)	<1	4.65	<5	<20	670	<5	0.7	4.23	0.2	2.4	88.7	0.210	29.8	118
47747 (2355992)	<1	6.16	<5	<20	688	<5	0.2	6.34	0.6	86.5	65.3	0.121	17.9	7
47748 (2355993)	<1	6.20	<5	<20	708	<5	0.3	7.46	0.7	118	73.6	0.105	9.8	65
47749 (2355994)	<1	5.05	<5	<20	825	<5	0.2	6.03	<0.2	50.8	67.6	0.164	17.8	<5
47750 (2355995)	<1	4.47	<5	<20	280	<5	0.4	5.12	<0.2	2.9	81.5	0.282	6.1	103

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734628

PROJECT: 2021 Surimeau DDH Batch 45

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
47701 (2355946)	2.81	1.51	1.05	3.93	20.9	3.74	2	4	0.43	<0.2	1.62	30.8	57	0.14
47702 (2355947)	4.19	2.36	1.04	1.47	11.1	4.84	1	3	0.68	<0.2	2.21	21.9	24	0.25
47703 (2355948)	2.24	1.27	0.99	3.53	20.6	3.20	1	4	0.35	<0.2	1.26	29.2	48	0.13
47704 (2355949)	2.61	1.57	1.16	3.97	24.9	3.74	1	4	0.43	<0.2	1.58	30.9	60	0.14
47705 (2355950)	2.36	1.32	0.95	3.96	22.2	3.16	1	3	0.37	<0.2	1.83	24.9	62	0.13
47706 (2355951)	5.77	2.92	2.00	6.11	31.8	8.11	2	8	0.92	<0.2	2.72	63.3	111	0.36
47707 (2355952)	3.27	1.76	1.36	4.24	24.0	4.57	<1	4	0.53	<0.2	1.79	31.4	62	0.20
47708 (2355953)	2.56	1.30	1.04	3.40	21.7	3.57	<1	4	0.35	<0.2	1.35	28.1	49	0.10
47709 (2355954)	2.99	1.55	1.29	4.26	25.3	4.19	1	4	0.48	<0.2	1.26	32.3	39	0.14
47710 (2355955)	3.09	1.80	1.05	4.34	22.2	3.89	<1	4	0.51	<0.2	1.77	26.9	70	0.20
47711 (2355956)	3.50	1.79	1.38	5.20	26.5	4.72	2	4	0.55	<0.2	1.89	37.3	65	0.21
47712 C-DUP (2355957)	2.97	1.65	1.29	5.21	24.2	4.20	1	4	0.51	<0.2	1.91	30.8	64	0.18
47713 (2355958)	3.48	1.90	1.29	5.23	25.6	4.87	2	4	0.56	<0.2	2.59	34.3	137	0.18
47714 (2355959)	1.54	0.77	0.56	7.26	16.4	1.75	2	1	0.20	<0.2	3.02	8.4	109	<0.05
47715 (2355960)	1.59	0.78	0.58	6.83	20.9	1.81	1	1	0.23	<0.2	3.18	8.9	120	0.06
47716 (2355961)	1.02	0.71	<0.05	7.41	7.53	0.89	2	<1	0.15	<0.2	0.70	1.0	23	<0.05
47717 (2355962)	0.92	0.61	<0.05	7.77	8.06	0.69	2	<1	0.14	<0.2	0.26	0.6	11	<0.05
47718 (2355963)	1.25	0.67	0.16	7.10	8.44	0.81	2	<1	0.17	<0.2	3.05	0.8	86	<0.05
47719 (2355964)	1.36	0.76	0.10	7.77	6.94	1.08	2	<1	0.19	<0.2	0.91	0.6	34	<0.05
47720 (2355965)	1.64	1.06	0.18	7.62	7.19	1.36	2	<1	0.26	<0.2	0.07	1.2	<10	0.08
47721 (2355966)	1.42	0.91	0.18	7.69	6.79	1.15	1	<1	0.26	<0.2	0.13	1.2	<10	0.08
47722 (2355967)	2.69	1.53	0.70	1.83	9.76	3.02	1	4	0.44	<0.2	2.52	16.6	35	0.18
47723 (2355968)	1.36	0.84	0.12	7.82	8.24	1.02	2	<1	0.21	<0.2	0.09	1.0	<10	<0.05
47724 (2355969)	1.32	0.78	0.29	7.23	10.8	1.25	2	<1	0.21	<0.2	3.29	2.3	142	0.07
47725 (2355970)	1.24	0.74	0.24	7.04	9.55	0.96	2	<1	0.18	<0.2	2.62	0.8	112	<0.05
47726 (2355971)	1.52	0.95	0.21	8.05	8.04	1.19	1	<1	0.23	<0.2	0.06	1.3	<10	0.06
47727 (2355972)	1.33	0.83	0.17	7.91	7.66	0.99	1	<1	0.19	<0.2	0.05	0.9	<10	0.06
47728 (2355973)	1.40	0.87	0.14	7.94	6.47	1.01	2	<1	0.21	<0.2	<0.05	0.8	<10	0.06
47729 (2355974)	1.49	0.86	0.12	7.90	7.13	1.13	1	<1	0.25	<0.2	<0.05	0.9	<10	0.06
47730 (2355975)	1.19	0.84	0.12	7.11	7.62	1.01	1	<1	0.20	<0.2	0.05	1.6	<10	<0.05
47731 (2355976)	2.11	1.25	0.67	7.60	13.9	2.83	2	1	0.32	<0.2	3.71	11.7	163	0.10
47732 (2355977)	4.38	2.29	1.59	8.64	17.7	5.86	2	3	0.73	0.2	2.93	33.2	121	0.27

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734628

PROJECT: 2021 Surimeau DDH Batch 45

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
47733 (2355978)	2.05	1.19	0.75	8.65	14.6	2.41	2	1	0.34	<0.2	3.79	9.2	149	0.10
47734 (2355979)	4.27	2.24	1.99	8.30	22.5	5.80	2	4	0.70	0.4	1.34	37.8	51	0.27
47735 (2355980)	4.63	2.35	1.89	8.89	21.7	6.38	2	3	0.78	<0.2	0.93	36.9	37	0.29
47736 (2355981)	1.39	0.85	0.51	7.19	10.7	1.41	3	<1	0.23	<0.2	2.88	3.3	101	0.06
47737 (2355982)	1.28	0.74	0.45	6.87	10.3	1.10	3	<1	0.18	<0.2	2.32	2.0	84	<0.05
47738 (2355983)	1.78	0.99	0.59	7.31	12.4	1.73	2	<1	0.30	<0.2	2.67	3.3	105	0.09
47739 (2355984)	4.74	2.39	2.13	7.63	22.4	6.82	2	4	0.76	<0.2	1.77	43.6	76	0.30
47740 (2355985)	5.17	2.68	1.99	8.88	22.6	7.21	2	5	0.80	<0.2	2.24	38.8	83	0.28
47741 (2355986)	6.32	3.06	2.95	9.16	22.9	9.53	3	4	0.96	0.3	0.46	60.6	30	0.37
47742 (2355987)	5.87	2.95	2.73	9.14	22.5	8.89	3	4	0.92	0.4	0.67	45.1	37	0.37
47743 (2355988)	4.02	2.26	1.91	7.90	18.8	5.50	3	3	0.60	0.2	1.43	37.1	63	0.23
47744 (2355989)	1.33	0.71	0.23	6.85	8.78	1.04	3	<1	0.20	<0.2	2.41	1.2	94	0.06
47745 C-DUP (2355990)	1.11	0.72	0.19	7.12	8.76	0.99	3	<1	0.20	<0.2	2.49	0.8	96	<0.05
47746 (2355991)	1.29	0.81	0.38	7.64	11.2	1.21	3	<1	0.19	<0.2	3.37	0.8	121	<0.05
47747 (2355992)	4.63	2.31	2.14	8.98	21.9	6.96	2	3	0.72	0.3	2.45	40.2	94	0.29
47748 (2355993)	5.68	2.93	2.75	9.62	25.7	8.81	3	5	0.95	0.4	1.49	54.6	64	0.32
47749 (2355994)	2.52	1.30	1.02	7.44	15.0	3.46	2	2	0.42	<0.2	2.62	25.9	85	0.12
47750 (2355995)	1.68	1.11	0.21	8.26	9.34	1.37	2	<1	0.31	<0.2	0.90	1.0	29	0.13

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734628

PROJECT: 2021 Surimeau DDH Batch 45

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
47701 (2355946)	1.82	572	10	7	28.6	74	0.06	10	7.08	56.1	0.42	<0.1	15	32.1
47702 (2355947)	5.20	803	6	8	27.2	15	0.04	<5	6.67	49.3	0.22	<0.1	5	23.6
47703 (2355948)	1.59	471	15	6	25.8	77	0.06	6	6.79	37.4	0.31	<0.1	12	34.8
47704 (2355949)	1.83	503	9	6	27.5	92	0.07	9	7.43	52.5	0.33	<0.1	16	32.5
47705 (2355950)	1.76	472	12	5	23.0	87	0.04	8	5.86	60.9	0.34	<0.1	16	31.0
47706 (2355951)	3.13	1230	18	13	59.3	123	0.10	31	15.8	97.0	0.51	<0.1	18	24.2
47707 (2355952)	2.14	538	9	7	30.8	120	0.07	18	7.88	52.5	1.32	<0.1	22	30.4
47708 (2355953)	1.55	446	83	6	26.8	80	0.08	32	6.86	36.5	1.22	<0.1	15	31.3
47709 (2355954)	2.06	556	7	6	30.8	121	0.08	12	7.69	38.2	0.86	<0.1	19	31.7
47710 (2355955)	2.23	357	7	6	27.0	115	0.07	12	7.00	47.0	0.73	<0.1	22	29.2
47711 (2355956)	2.67	468	5	7	36.2	161	0.08	13	9.18	56.8	1.28	<0.1	22	28.7
47712 C-DUP (2355957)	2.75	458	5	6	30.7	167	0.08	12	7.49	49.1	1.36	<0.1	23	29.4
47713 (2355958)	2.50	553	6	7	35.1	139	0.07	13	8.68	107	0.73	<0.1	25	30.1
47714 (2355959)	12.9	1400	57	2	9.6	1010	<0.01	<5	2.43	117	0.20	<0.1	23	27.4
47715 (2355960)	11.6	1230	21	2	10.7	952	0.03	<5	2.55	117	0.32	<0.1	21	27.0
47716 (2355961)	15.9	1530	<2	<1	1.7	1160	<0.01	<5	0.25	28.3	0.26	<0.1	22	24.1
47717 (2355962)	15.8	1460	<2	<1	1.4	1110	<0.01	<5	0.15	9.8	0.38	<0.1	21	24.0
47718 (2355963)	13.9	1270	<2	1	1.8	957	<0.01	<5	0.24	126	0.20	<0.1	21	25.9
47719 (2355964)	14.7	1170	<2	<1	2.0	1020	0.03	<5	0.29	36.5	0.61	<0.1	26	23.9
47720 (2355965)	15.3	1820	<2	<1	2.7	1210	0.01	<5	0.36	1.6	0.63	<0.1	25	21.8
47721 (2355966)	15.8	1900	<2	<1	2.6	1120	<0.01	<5	0.41	4.0	0.47	<0.1	27	23.3
47722 (2355967)	5.47	654	11	4	16.9	24	0.03	<5	4.10	45.5	0.18	<0.1	7	25.2
47723 (2355968)	15.4	1590	<2	<1	2.2	1040	<0.01	<5	0.30	3.4	0.53	<0.1	23	24.3
47724 (2355969)	13.3	1280	<2	2	3.7	955	<0.01	<5	0.67	125	0.13	<0.1	24	26.6
47725 (2355970)	14.0	1110	<2	<1	2.3	1060	<0.01	<5	0.36	101	0.30	<0.1	22	26.2
47726 (2355971)	15.4	1440	<2	<1	2.4	1190	<0.01	<5	0.38	1.2	0.57	<0.1	26	23.4
47727 (2355972)	15.0	1400	<2	<1	1.9	1100	<0.01	<5	0.29	1.3	0.34	<0.1	26	23.7
47728 (2355973)	15.2	1410	<2	<1	1.9	1150	<0.01	<5	0.29	0.6	0.35	<0.1	26	21.3
47729 (2355974)	15.1	1360	<2	<1	2.2	1140	<0.01	<5	0.36	0.3	0.54	<0.1	25	21.9
47730 (2355975)	15.2	1590	<2	<1	2.5	1330	<0.01	<5	0.36	1.1	0.65	<0.1	22	23.5
47731 (2355976)	12.9	1170	26	3	15.5	1040	0.07	<5	3.52	139	0.14	<0.1	26	24.6
47732 (2355977)	11.4	1400	3	4	37.5	658	0.19	7	9.17	113	0.45	<0.1	34	24.6

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734628

PROJECT: 2021 Surimeau DDH Batch 45

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
47733 (2355978)	12.3	1270	<2	3	11.2	864	0.03	6	2.66	150	0.41	<0.1	29	24.3
47734 (2355979)	6.73	1400	99	5	40.5	303	0.10	28	10.0	48.8	1.20	<0.1	33	26.0
47735 (2355980)	6.61	1550	5	5	40.9	143	0.17	24	9.73	29.4	0.76	<0.1	40	26.3
47736 (2355981)	12.6	1300	<2	2	4.9	977	0.01	9	0.88	108	0.47	<0.1	22	25.7
47737 (2355982)	12.9	1370	<2	2	3.0	1090	<0.01	<5	0.52	86.7	0.44	<0.1	20	26.3
47738 (2355983)	12.7	1220	4	3	5.3	965	<0.01	6	1.04	109	0.53	<0.1	20	24.8
47739 (2355984)	8.14	1420	<2	4	47.8	288	0.18	19	11.5	58.4	0.15	<0.1	36	23.7
47740 (2355985)	9.98	1540	4	3	46.1	486	0.28	6	11.1	75.1	0.50	<0.1	39	22.9
47741 (2355986)	9.25	1780	<2	4	70.7	271	0.25	7	16.8	11.2	0.25	<0.1	40	23.8
47742 (2355987)	9.51	1750	<2	5	58.5	308	0.22	5	13.7	19.7	0.24	<0.1	42	24.2
47743 (2355988)	10.5	1560	<2	4	40.4	590	0.07	<5	9.89	53.7	0.21	<0.1	30	24.2
47744 (2355989)	14.0	1210	7	<1	2.0	1360	0.02	<5	0.39	98.5	0.47	<0.1	24	25.9
47745 C-DUP (2355990)	14.0	1230	7	<1	1.7	1310	0.01	<5	0.28	95.5	0.44	<0.1	23	26.9
47746 (2355991)	12.9	1190	5	2	2.5	1390	<0.01	8	0.39	126	0.58	<0.1	21	25.2
47747 (2355992)	10.0	1570	<2	5	46.0	469	0.12	9	10.7	88.9	0.18	<0.1	34	24.2
47748 (2355993)	9.30	1710	8	5	59.8	346	0.25	8	14.7	50.2	0.31	<0.1	39	23.4
47749 (2355994)	11.6	1430	2	3	23.7	711	<0.01	7	5.67	93.8	0.11	<0.1	25	24.6
47750 (2355995)	13.5	1430	<2	<1	2.4	750	<0.01	7	0.39	34.0	1.12	<0.1	32	23.0

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734628

PROJECT: 2021 Surimeau DDH Batch 45

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
47701 (2355946)	4.9	<1	293	<0.5	0.36	6.9	0.35	<0.5	0.12	2.32	107	2	13.5	1.4
47702 (2355947)	5.3	<1	273	0.5	0.57	4.9	0.21	<0.5	0.23	1.40	33	<1	20.8	2.1
47703 (2355948)	4.4	<1	263	<0.5	0.32	6.6	0.33	<0.5	0.08	2.01	92	<1	11.5	1.1
47704 (2355949)	4.8	<1	375	<0.5	0.40	6.7	0.35	<0.5	0.14	1.98	116	1	13.2	1.5
47705 (2355950)	4.0	<1	302	<0.5	0.32	5.9	0.35	<0.5	0.11	1.73	114	<1	11.8	1.3
47706 (2355951)	10.7	3	1200	0.9	0.90	17.5	0.42	<0.5	0.32	4.82	125	7	28.5	2.9
47707 (2355952)	5.5	<1	481	<0.5	0.51	7.0	0.44	<0.5	0.16	2.01	159	3	16.2	1.7
47708 (2355953)	4.7	<1	1150	<0.5	0.34	5.6	0.36	<0.5	0.10	2.07	102	1	12.2	1.2
47709 (2355954)	5.5	<1	624	<0.5	0.45	6.2	0.39	<0.5	0.14	1.94	128	<1	14.6	1.5
47710 (2355955)	4.6	<1	282	<0.5	0.44	6.6	0.42	<0.5	0.17	2.00	156	<1	15.6	1.8
47711 (2355956)	6.5	<1	221	<0.5	0.50	8.0	0.43	<0.5	0.19	2.30	149	1	16.3	1.7
47712 C-DUP (2355957)	5.2	<1	221	<0.5	0.46	7.1	0.43	<0.5	0.14	2.03	156	1	14.5	1.7
47713 (2355958)	6.1	<1	105	<0.5	0.50	7.3	0.45	<0.5	0.18	1.99	167	2	16.9	1.9
47714 (2355959)	2.0	<1	105	<0.5	0.17	1.6	0.23	<0.5	<0.05	0.36	142	<1	8.0	0.7
47715 (2355960)	2.1	<1	207	<0.5	0.18	1.4	0.24	<0.5	<0.05	0.35	141	<1	7.7	0.8
47716 (2355961)	0.5	<1	163	<0.5	0.08	<0.1	0.19	<0.5	<0.05	<0.05	122	<1	5.9	0.6
47717 (2355962)	0.4	<1	70.1	<0.5	<0.05	<0.1	0.18	<0.5	<0.05	<0.05	123	<1	5.2	0.6
47718 (2355963)	0.6	<1	71.2	<0.5	0.09	<0.1	0.18	<0.5	<0.05	<0.05	120	<1	6.2	0.6
47719 (2355964)	0.8	<1	57.0	<0.5	0.11	<0.1	0.21	<0.5	<0.05	<0.05	145	<1	6.8	0.8
47720 (2355965)	0.8	<1	235	<0.5	0.14	<0.1	0.21	<0.5	0.07	<0.05	136	<1	8.4	0.9
47721 (2355966)	0.8	<1	249	<0.5	0.13	<0.1	0.21	<0.5	0.05	<0.05	148	<1	8.1	0.9
47722 (2355967)	3.4	<1	154	<0.5	0.35	2.3	0.17	<0.5	0.15	0.74	38	<1	13.2	1.4
47723 (2355968)	0.7	<1	74.0	<0.5	0.11	<0.1	0.19	<0.5	<0.05	<0.05	136	<1	7.2	0.7
47724 (2355969)	1.0	<1	124	<0.5	0.14	0.2	0.21	<0.5	<0.05	<0.05	128	<1	7.6	0.8
47725 (2355970)	0.8	<1	55.0	<0.5	0.10	<0.1	0.19	<0.5	<0.05	<0.05	132	<1	6.6	0.6
47726 (2355971)	0.9	<1	127	<0.5	0.12	<0.1	0.22	<0.5	0.06	<0.05	159	<1	7.9	0.8
47727 (2355972)	0.6	<1	127	<0.5	0.10	<0.1	0.22	<0.5	0.05	<0.05	148	<1	7.3	0.8
47728 (2355973)	0.8	<1	185	<0.5	0.14	<0.1	0.21	<0.5	0.06	<0.05	151	<1	7.6	0.8
47729 (2355974)	0.7	<1	161	<0.5	0.13	<0.1	0.21	<0.5	<0.05	<0.05	149	<1	7.9	0.8
47730 (2355975)	0.7	<1	128	<0.5	0.11	<0.1	0.17	<0.5	<0.05	<0.05	124	<1	7.3	0.8
47731 (2355976)	3.3	<1	73.5	<0.5	0.29	2.1	0.32	0.5	0.08	0.50	165	<1	10.3	1.1
47732 (2355977)	7.4	3	272	<0.5	0.67	4.6	0.42	<0.5	0.26	1.65	228	<1	21.3	2.3

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734628

PROJECT: 2021 Surimeau DDH Batch 45

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
47733 (2355978)	2.3	2	112	<0.5	0.28	1.4	0.38	1.0	0.09	0.35	186	<1	10.5	1.2
47734 (2355979)	7.6	4	1060	<0.5	0.62	6.1	0.47	<0.5	0.20	1.89	212	<1	19.7	2.1
47735 (2355980)	7.6	3	1250	<0.5	0.69	5.3	0.55	<0.5	0.28	1.51	263	<1	22.1	2.3
47736 (2355981)	1.4	1	71.2	<0.5	0.15	0.4	0.25	0.8	<0.05	0.07	153	<1	7.4	0.9
47737 (2355982)	0.8	1	71.0	<0.5	0.09	<0.1	0.20	0.8	<0.05	<0.05	140	<1	6.1	0.7
47738 (2355983)	1.4	1	71.4	<0.5	0.21	0.2	0.26	1.1	0.07	<0.05	157	<1	9.6	1.0
47739 (2355984)	8.8	5	1340	<0.5	0.70	5.7	0.43	<0.5	0.26	1.71	237	<1	21.7	2.2
47740 (2355985)	9.3	5	187	<0.5	0.82	5.6	0.42	<0.5	0.29	1.87	268	<1	24.1	2.7
47741 (2355986)	12.5	5	202	<0.5	0.98	6.7	0.42	<0.5	0.32	1.71	317	<1	25.6	2.8
47742 (2355987)	11.0	6	189	<0.5	0.93	6.4	0.42	<0.5	0.30	1.56	319	<1	26.3	2.8
47743 (2355988)	7.3	4	137	<0.5	0.58	4.0	0.31	<0.5	0.21	0.91	225	<1	18.8	2.0
47744 (2355989)	0.8	<1	53.6	<0.5	0.11	<0.1	0.19	<0.5	<0.05	<0.05	139	<1	6.7	0.8
47745 C-DUP (2355990)	0.6	<1	54.5	<0.5	0.10	<0.1	0.19	<0.5	<0.05	<0.05	132	<1	6.2	0.6
47746 (2355991)	0.9	3	59.5	<0.5	0.10	<0.1	0.25	0.6	0.05	<0.05	141	<1	7.8	0.8
47747 (2355992)	9.1	5	236	<0.5	0.74	5.1	0.42	<0.5	0.23	1.47	246	<1	21.2	2.1
47748 (2355993)	11.0	6	380	<0.5	0.93	7.1	0.55	<0.5	0.29	1.91	297	<1	26.6	2.5
47749 (2355994)	4.7	2	176	<0.5	0.36	3.5	0.29	<0.5	0.11	0.79	177	<1	12.5	1.2
47750 (2355995)	1.0	<1	71.2	<0.5	0.17	<0.1	0.26	<0.5	0.08	<0.05	178	<1	9.1	1.1

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734628

PROJECT: 2021 Surimeau DDH Batch 45

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
47701 (2355946)	177	155
47702 (2355947)	50	120
47703 (2355948)	190	137
47704 (2355949)	223	140
47705 (2355950)	211	125
47706 (2355951)	196	269
47707 (2355952)	135	130
47708 (2355953)	408	136
47709 (2355954)	124	134
47710 (2355955)	292	126
47711 (2355956)	454	143
47712 C-DUP (2355957)	459	131
47713 (2355958)	134	128
47714 (2355959)	280	56.5
47715 (2355960)	305	44.4
47716 (2355961)	65	16.2
47717 (2355962)	78	15.1
47718 (2355963)	105	10.8
47719 (2355964)	70	15.0
47720 (2355965)	68	18.6
47721 (2355966)	76	8.7
47722 (2355967)	27	132
47723 (2355968)	75	18.5
47724 (2355969)	92	18.8
47725 (2355970)	79	13.7
47726 (2355971)	71	16.3
47727 (2355972)	70	27.9
47728 (2355973)	79	11.3
47729 (2355974)	70	20.1
47730 (2355975)	97	15.0
47731 (2355976)	351	55.3
47732 (2355977)	1520	108

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734628

PROJECT: 2021 Surimeau DDH Batch 45

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
47733 (2355978)	582	46.4
47734 (2355979)	1620	131
47735 (2355980)	532	121
47736 (2355981)	353	23.0
47737 (2355982)	387	14.6
47738 (2355983)	476	17.6
47739 (2355984)	220	172
47740 (2355985)	300	174
47741 (2355986)	774	145
47742 (2355987)	789	147
47743 (2355988)	662	102
47744 (2355989)	332	17.0
47745 C-DUP (2355990)	339	15.0
47746 (2355991)	524	13.0
47747 (2355992)	849	120
47748 (2355993)	768	169
47749 (2355994)	537	86.3
47750 (2355995)	111	22.5

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734628

PROJECT: 2021 Surimeau DDH Batch 45

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
47701 (2355946)	92.94
47720 (2355965)	76.02
47740 (2355985)	77.90

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734628

PROJECT: 2021 Surimeau DDH Batch 45

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 16, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
47701 (2355946)	85.10
47726 (2355971)	89.00
47750 (2355995)	89.02

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2355946	< 1	< 1	0.0%	2355960	< 1	< 1	0.0%	2355971	< 1	< 1	0.0%	2355986	< 1	< 1	0.0%
Al	2355946	7.98	8.12	1.7%	2355960	4.57	4.67	2.2%	2355971	3.69	3.62	1.9%	2355986	5.11	5.10	0.2%
As	2355946	< 5	< 5	0.0%	2355960	< 5	< 5	0.0%	2355971	< 5	< 5	0.0%	2355986	< 5	< 5	0.0%
B	2355946	< 20	< 20	0.0%	2355960	< 20	< 20	0.0%	2355971	< 20	< 20	0.0%	2355986	< 20	< 20	0.0%
Ba	2355946	603	590	2.2%	2355960	893	887	0.7%	2355971	4.5	4.7	4.3%	2355986	224	224	0.0%
Be	2355946	< 5	< 5	0.0%	2355960	< 5	< 5	0.0%	2355971	< 5	< 5	0.0%	2355986	< 5	< 5	0.0%
Bi	2355946	0.2	0.2	0.0%	2355960	0.2	0.2	0.0%	2355971	0.4	0.4	0.0%	2355986	0.23	0.27	16.0%
Ca	2355946	1.26	1.21	4.0%	2355960	4.00	4.09	2.2%	2355971	5.52	5.45	1.3%	2355986	8.20	8.21	0.1%
Cd	2355946	0.4	0.4	0.0%	2355960	0.4	0.4	0.0%	2355971	< 0.2	< 0.2	0.0%	2355986	0.55	0.54	1.8%
Ce	2355946	63.7	62.0	2.7%	2355960	19.7	19.0	3.6%	2355971	3.17	2.83	11.3%	2355986	134	145	7.9%
Co	2355946	22.3	22.1	0.9%	2355960	70.0	68.8	1.7%	2355971	97.3	93.1	4.4%	2355986	57.4	65.2	12.7%
Cr	2355946	0.028	0.026	7.4%	2355960	0.192	0.192	0.0%	2355971	0.264	0.249	5.8%	2355986	0.093	0.093	0.0%
Cs	2355946	4.47	4.96	10.4%	2355960	26.8	26.4	1.5%	2355971	0.31	0.37	17.6%	2355986	2.09	2.25	7.4%
Cu	2355946	66	63	4.7%	2355960	33	36	8.7%	2355971	99	96	3.1%	2355986	< 5	< 5	0.0%
Dy	2355946	2.81	2.60	7.8%	2355960	1.59	1.33	17.8%	2355971	1.52	1.33	13.3%	2355986	6.32	6.75	6.6%
Er	2355946	1.51	1.48	2.0%	2355960	0.78	0.75	3.9%	2355971	0.95	0.89	6.5%	2355986	3.06	3.25	6.0%
Eu	2355946	1.05	1.10	4.7%	2355960	0.577	0.520	10.4%	2355971	0.207	0.179	14.5%	2355986	2.95	3.28	10.6%
Fe	2355946	3.93	3.90	0.8%	2355960	6.83	6.94	1.6%	2355971	8.05	7.88	2.1%	2355986	9.16	9.14	0.2%
Ga	2355946	20.9	21.6	3.3%	2355960	20.9	19.1	9.0%	2355971	8.04	7.24	10.5%	2355986	22.9	25.7	11.5%
Gd	2355946	3.74	3.68	1.6%	2355960	1.81	1.86	2.7%	2355971	1.19	1.22	2.5%	2355986	9.53	10.5	9.7%
Ge	2355946	2	2	0.0%	2355960	1	2		2355971	1	1	0.0%	2355986	3	4	28.6%
Hf	2355946	4	4	0.0%	2355960	1	1	0.0%	2355971	< 1	< 1	0.0%	2355986	4	5	22.2%
Ho	2355946	0.431	0.372	14.7%	2355960	0.23	0.21	9.1%	2355971	0.23	0.22	4.4%	2355986	0.963	1.07	10.5%
In	2355946	< 0.2	< 0.2	0.0%	2355960	< 0.2	< 0.2	0.0%	2355971	< 0.2	< 0.2	0.0%	2355986	0.34	0.41	18.7%
K	2355946	1.62	1.62	0.0%	2355960	3.18	3.25	2.2%	2355971	0.06	0.06	0.0%	2355986	0.46	0.47	2.2%
La	2355946	30.8	30.1	2.3%	2355960	8.9	8.8	1.1%	2355971	1.28	1.20	6.5%	2355986	60.6	63.1	4.0%
Li	2355946	57	55	3.6%	2355960	120	122	1.7%	2355971	< 10	< 10	0.0%	2355986	30	30	0.0%
Lu	2355946	0.14	0.12	15.4%	2355960	0.06	< 0.05		2355971	0.06	0.06	0.0%	2355986	0.37	0.33	11.4%
Mg	2355946	1.82	1.73	5.1%	2355960	11.6	11.8	1.7%	2355971	15.4	15.2	1.3%	2355986	9.25	9.30	0.5%
Mn	2355946	572	550	3.9%	2355960	1230	1270	3.2%	2355971	1440	1420	1.4%	2355986	1780	1780	0.0%
Mo	2355946	10	9	10.5%	2355960	21	19	10.0%	2355971	< 2	< 2	0.0%	2355986	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2355946	7	7	0.0%	2355960	2	2	0.0%	2355971	< 1	< 1	0.0%	2355986	4	5	22.2%
Nd	2355946	28.6	27.3	4.7%	2355960	10.7	10.2	4.8%	2355971	2.40	2.46	2.5%	2355986	70.7	75.4	6.4%
Ni	2355946	74	74	0.0%	2355960	952	955	0.3%	2355971	1190	1190	0.0%	2355986	271	273	0.7%
P	2355946	0.063	0.071	11.9%	2355960	0.03	0.01		2355971	< 0.01	< 0.01	0.0%	2355986	0.251	0.259	3.1%
Pb	2355946	10	8	22.2%	2355960	< 5	< 5	0.0%	2355971	< 5	< 5	0.0%	2355986	7	7	0.0%
Pr	2355946	7.08	7.22	2.0%	2355960	2.55	2.33	9.0%	2355971	0.38	0.37	2.7%	2355986	16.8	18.3	8.5%
Rb	2355946	56.1	53.5	4.7%	2355960	117	115	1.7%	2355971	1.2	1.2	0.0%	2355986	11.2	12.8	13.3%
S	2355946	0.422	0.393	7.1%	2355960	0.32	0.31	3.2%	2355971	0.57	0.56	1.8%	2355986	0.251	0.233	7.4%
Sb	2355946	< 0.1	< 0.1	0.0%	2355960	< 0.1	< 0.1	0.0%	2355971	< 0.1	< 0.1	0.0%	2355986	< 0.1	< 0.1	0.0%
Sc	2355946	15	15	0.0%	2355960	21	21	0.0%	2355971	26	27	3.8%	2355986	40	40	0.0%
Si	2355946	32.1	32.9	2.5%	2355960	27.0	27.9	3.3%	2355971	23.4	22.9	2.2%	2355986	23.8	23.8	0.0%
Sm	2355946	4.9	5.0	2.0%	2355960	2.1	2.1	0.0%	2355971	0.9	0.8	11.8%	2355986	12.5	13.3	6.2%
Sn	2355946	< 1	< 1	0.0%	2355960	< 1	< 1	0.0%	2355971	< 1	< 1	0.0%	2355986	5	6	18.2%
Sr	2355946	293	297	1.4%	2355960	207	212	2.4%	2355971	127	124	2.4%	2355986	202	200	1.0%
Ta	2355946	< 0.5	< 0.5	0.0%	2355960	< 0.5	< 0.5	0.0%	2355971	< 0.5	< 0.5	0.0%	2355986	< 0.5	< 0.5	0.0%
Tb	2355946	0.360	0.379	5.1%	2355960	0.177	0.160	10.1%	2355971	0.12	0.12	0.0%	2355986	0.98	1.10	11.5%
Th	2355946	6.95	7.12	2.4%	2355960	1.37	1.20	13.2%	2355971	< 0.1	< 0.1	0.0%	2355986	6.73	7.03	4.4%
Ti	2355946	0.35	0.35	0.0%	2355960	0.24	0.24	0.0%	2355971	0.222	0.215	3.2%	2355986	0.417	0.414	0.7%
Tl	2355946	< 0.5	< 0.5	0.0%	2355960	< 0.5	< 0.5	0.0%	2355971	< 0.5	< 0.5	0.0%	2355986	< 0.5	< 0.5	0.0%
Tm	2355946	0.12	0.12	0.0%	2355960	< 0.05	< 0.05	0.0%	2355971	0.06	0.05	18.2%	2355986	0.32	0.33	3.1%
U	2355946	2.32	2.21	4.9%	2355960	0.348	0.320	8.4%	2355971	< 0.05	< 0.05	0.0%	2355986	1.71	1.82	6.2%
V	2355946	107	103	3.8%	2355960	141	141	0.0%	2355971	159	159	0.0%	2355986	317	318	0.3%
W	2355946	2	1		2355960	< 1	< 1	0.0%	2355971	< 1	< 1	0.0%	2355986	< 1	< 1	0.0%
Y	2355946	13.5	12.7	6.1%	2355960	7.7	7.2	6.7%	2355971	7.91	7.52	5.1%	2355986	25.6	28.8	11.8%
Yb	2355946	1.37	1.32	3.7%	2355960	0.8	0.8	0.0%	2355971	0.8	0.8	0.0%	2355986	2.8	2.8	0.0%
Zn	2355946	177	178	0.6%	2355960	305	308	1.0%	2355971	71	72	1.4%	2355986	774	782	1.0%
Zr	2355946	155	155	0.0%	2355960	44.4	39.8	10.9%	2355971	16.3	17.2	5.4%	2355986	145	167	14.1%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O734628

PROJECT: 2021 Surimeau DDH Batch 45

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.4	99%	90% - 110%					6.94	7.45	107%	90% - 110%	13.0	13.6	105%	90% - 110%
As	26	24	91%	90% - 110%												
Ba	540	513	95%	90% - 110%									1310	1404	107%	90% - 110%
Be	4.0	4.1	103%	90% - 110%												
Ca	0.907	0.88	97%	90% - 110%					4.01	4.21	105%	90% - 110%	1.42	1.46	103%	90% - 110%
Ce	98	104	106%	90% - 110%	58.2	64.7	111%	90% - 110%								
Co	15	13	86%	90% - 110%												
Cu	150	159	106%	90% - 110%									6.4	5.7	90%	90% - 110%
Er	3.7	4.2	115%	90% - 110%												
Fe	3.77	3.8	101%	90% - 110%					7.56	8.18	108%	90% - 110%	3.27	3.45	106%	90% - 110%
Ga					22.6	24.7	109%	90% - 110%								
Hf	11	9	86%	90% - 110%												
K	2.55	2.71	106%	90% - 110%					2.02	2.35	116%	90% - 110%	3.68	4.24	115%	90% - 110%
La	44	45	102%	90% - 110%	27.5	29.9	109%	90% - 110%								
Li	47	52	110%	90% - 110%									65.0	77.4	119%	90% - 110%
Lu	0.6	0.6	93%	90% - 110%												
Mg	1.1	1.1	97%	90% - 110%					2.41	2.57	107%	90% - 110%				
Mn	780	793	102%	90% - 110%												
Mo	14	13	90%	90% - 110%												
Nb	20	18	90%	90% - 110%	22.6	22.9	101%	90% - 110%								
Nd					27.3	29.5	108%	90% - 110%								
Ni	32	41	129%	90% - 110%												
P													0.061	0.061	100%	90% - 110%
Pb	31	30	96%	90% - 110%												
Rb	144	129	90%	90% - 110%	85.4	85.2	100%	90% - 110%								
Sb	0.8	0.7	88%	90% - 110%												
Sc	12	13	105%	90% - 110%												
Si	28.4	30.4	107%	90% - 110%					23.65	27.03	114%	90% - 110%	24.4	27.3	112%	90% - 110%
Sm	7.4	7.7	104%	90% - 110%												
Sr	144	160	111%	90% - 110%									310	351	113%	90% - 110%
Ta	1.9	1.9	100%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Tb	1.2	1	85%	90% - 110%												
Th	18.4	15.5	84%	90% - 110%												
Ti	0.527	0.537	102%	90% - 110%									0.222	0.229	103%	90% - 110%
U	5.7	4.7	83%	90% - 110%												
V	77	80	104%	90% - 110%												
W	5	5	99%	90% - 110%												
Y	40	37	92%	90% - 110%	25.3	24.6	97%	90% - 110%								
Yb					2.66	2.97	112%	90% - 110%								
Zn	130	130	100%	90% - 110%									75.4	90.2	120%	90% - 110%
Zr	390	342	88%	90% - 110%	157	152	97%	90% - 110%								

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O734628

PROJECT: 2021 Surimeau DDH Batch 45

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O734628

PROJECT: 2021 Surimeau DDH Batch 45

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O734628

PROJECT: 2021 Surimeau DDH Batch 45

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 31

AGAT WORK ORDER: 21O734665

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Jul 23, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734665

PROJECT: 2021 Surimeau DDH Batch 31

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
47001 (2356849)	4.71
47002 (2356850)	0.83
47003 (2356851)	4.38
47004 (2356852)	4.62
47005 (2356853)	0.06
47006 (2356854)	4.02
47007 (2356855)	4.39
47008 (2356856)	4.31
47009 (2356857)	3.93
47010 (2356858)	3.66
47011 (2356859)	5.03
47012C-DUP (2356860)	-
47013 (2356861)	4.44
47014 (2356862)	2.41
47015 (2356863)	2.32
47016 (2356864)	4.33
47017 (2356865)	4.55
47018 (2356866)	4.76
47019 (2356867)	4.50
47020 (2356868)	4.24
47021 (2356869)	4.71
47022 (2356870)	0.71
47023 (2356871)	4.54
47024 (2356872)	4.12
47025 (2356873)	4.23
47026 (2356874)	4.75
47027 (2356875)	4.76
47028 (2356876)	4.43
47029 (2356877)	4.72
47030 (2356878)	4.54
47031 (2356879)	5.23

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734665

PROJECT: 2021 Surimeau DDH Batch 31

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
47032 (2356880)	4.76
47033 (2356881)	4.00
47034 (2356882)	4.26
47035 (2356883)	4.22
47036 (2356884)	4.31
47037 (2356885)	3.93
47038 (2356886)	3.80
47039 (2356887)	3.44
47040 (2356888)	5.13
47041 (2356889)	1.65
47042 (2356890)	2.06
47043 (2356891)	2.77
47044 (2356892)	3.34
47045C-DUP (2356893)	-
47046 (2356894)	3.86
47047 (2356895)	4.29
47048 (2356896)	3.71
47049 (2356897)	4.75
47050 (2356898)	4.30

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734665

PROJECT: 2021 Surimeau DDH Batch 31

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
47001 (2356849)	<1	2.31	<5	<20	1.1	<5	1.5	3.75	<0.2	1.7	90.1	0.184	0.5	27
47002 (2356850)	<1	0.04	<5	<20	13.1	<5	<0.1	36.1	<0.2	0.9	0.8	<0.005	<0.1	<5
47003 (2356851)	<1	2.47	<5	<20	1.6	<5	1.9	4.57	0.4	1.7	93.9	0.190	0.4	45
47004 (2356852)	<1	3.20	<5	<20	98.9	<5	1.6	4.06	<0.2	1.0	95.0	0.220	6.8	96
47005 (2356853)	4	1.01	27	<20	61.0	<5	0.8	2.42	1.6	11.9	1150	0.022	0.6	14000
47006 (2356854)	<1	2.65	<5	<20	514	<5	3.6	5.60	0.6	1.4	75.1	0.180	25.2	19
47007 (2356855)	<1	3.59	<5	<20	706	<5	2.8	4.93	<0.2	1.5	84.6	0.223	39.2	32
47008 (2356856)	<1	2.72	<5	<20	440	<5	2.7	5.89	<0.2	1.1	72.3	0.164	29.5	<5
47009 (2356857)	1	3.97	<5	<20	847	<5	44.8	4.78	0.6	11.2	71.2	0.145	37.8	<5
47010 (2356858)	<1	3.08	<5	<20	497	<5	1.4	5.33	<0.2	1.1	81.1	0.181	35.5	<5
47011 (2356859)	<1	3.19	<5	<20	63.9	<5	0.9	4.78	<0.2	1.3	96.9	0.223	6.3	67
47012C-DUP (2356860)	<1	3.13	<5	<20	59.0	<5	1.0	4.75	<0.2	1.1	98.9	0.210	5.2	67
47013 (2356861)	<1	3.35	<5	<20	3.7	<5	0.8	4.87	<0.2	1.8	93.9	0.226	0.6	49
47014 (2356862)	<1	3.31	<5	<20	54.7	<5	1.2	5.20	<0.2	1.8	97.5	0.218	2.5	62
47015 (2356863)	<1	3.17	<5	<20	8.7	<5	1.0	5.50	<0.2	1.8	102	0.220	1.2	61
47016 (2356864)	<1	3.40	<5	<20	446	<5	0.7	5.51	0.4	3.1	84.1	0.220	29.5	27
47017 (2356865)	<1	3.25	<5	<20	6.0	<5	1.0	4.49	0.3	1.6	99.1	0.231	1.1	54
47018 (2356866)	<1	2.86	<5	<20	10.5	<5	0.8	6.53	<0.2	1.8	84.5	0.195	0.7	26
47019 (2356867)	<1	3.48	<5	<20	26.0	<5	0.6	5.61	<0.2	1.8	99.1	0.229	2.3	54
47020 (2356868)	<1	2.86	<5	<20	2.2	<5	0.8	4.35	0.3	2.0	97.1	0.206	0.7	43
47021 (2356869)	<1	3.20	<5	<20	2.5	<5	0.7	4.46	<0.2	2.0	96.1	0.207	0.4	37
47022 (2356870)	<1	0.03	<5	<20	16.4	<5	<0.1	36.2	<0.2	1.4	0.7	<0.005	<0.1	<5
47023 (2356871)	1	3.08	<5	<20	2.3	<5	0.6	5.37	<0.2	2.5	91.7	0.222	0.7	68
47024 (2356872)	<1	3.19	<5	<20	1.6	<5	1.0	3.78	0.3	1.7	95.5	0.215	1.2	30
47025 (2356873)	1	3.37	<5	<20	2.6	<5	0.8	4.42	<0.2	1.7	98.0	0.214	0.7	69
47026 (2356874)	<1	3.43	<5	<20	6.7	<5	0.7	4.70	<0.2	1.5	96.0	0.229	0.8	51
47027 (2356875)	<1	4.04	<5	<20	229	<5	1.0	9.73	0.4	17.4	104	0.205	10.2	42
47028 (2356876)	1	3.92	<5	<20	141	<5	0.5	6.97	<0.2	2.4	90.5	0.236	12.5	53
47029 (2356877)	<1	4.98	<5	<20	118	<5	0.6	7.08	0.2	2.7	92.8	0.239	12.8	54
47030 (2356878)	<1	4.91	<5	<20	249	<5	0.5	6.56	<0.2	2.8	82.9	0.229	15.6	69
47031 (2356879)	<1	4.74	8	<20	448	<5	1.0	6.89	0.2	6.0	125	0.311	8.8	49
47032 (2356880)	<1	4.20	<5	<20	146	<5	0.6	7.62	<0.2	8.8	105	0.233	7.7	58

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734665

PROJECT: 2021 Surimeau DDH Batch 31

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
47033 (2356881)	<1	3.31	<5	<20	11.9	<5	0.5	5.79	<0.2	1.7	106	0.230	1.0	64
47034 (2356882)	<1	3.49	<5	<20	103	<5	0.8	8.28	<0.2	1.5	122	0.249	1.8	66
47035 (2356883)	<1	3.11	<5	<20	156	<5	0.3	8.93	0.2	2.4	87.9	0.225	6.6	44
47036 (2356884)	<1	3.18	<5	<20	24.4	<5	0.7	4.72	0.2	1.7	103	0.219	2.4	60
47037 (2356885)	<1	7.59	<5	<20	706	<5	0.1	3.73	<0.2	74.4	34.9	0.062	6.5	47
47038 (2356886)	<1	9.43	<5	<20	711	<5	0.3	2.80	1.1	93.3	15.9	0.021	0.9	69
47039 (2356887)	<1	8.76	<5	<20	778	<5	0.5	2.59	0.5	95.6	21.1	0.037	1.8	63
47040 (2356888)	<1	6.24	<5	<20	613	<5	0.2	5.78	<0.2	49.9	58.3	0.154	4.5	52
47041 (2356889)	<1	5.32	<5	<20	551	<5	0.1	7.67	0.2	44.9	49.7	0.114	3.0	<5
47042 (2356890)	<1	5.72	<5	<20	584	<5	<0.1	7.69	0.2	46.8	47.2	0.105	3.1	<5
47043 (2356891)	<1	3.13	<5	<20	490	<5	0.1	6.03	<0.2	3.7	86.8	0.199	11.0	7
47044 (2356892)	<1	9.06	<5	<20	657	<5	<0.1	2.65	<0.2	109	17.7	0.025	3.0	44
47045C-DUP (2356893)	<1	9.68	<5	<20	701	<5	<0.1	2.75	<0.2	111	16.8	0.022	1.7	48
47046 (2356894)	<1	4.50	<5	<20	377	<5	0.1	9.47	<0.2	3.4	121	0.321	2.9	5
47047 (2356895)	<1	4.10	<5	<20	554	<5	0.1	8.09	<0.2	11.6	77.2	0.197	9.1	<5
47048 (2356896)	<1	6.29	<5	<20	1450	<5	<0.1	5.52	<0.2	68.5	60.0	0.114	11.5	<5
47049 (2356897)	<1	3.36	<5	<20	354	<5	0.1	6.42	<0.2	2.3	82.0	0.201	14.5	25
47050 (2356898)	<1	3.38	<5	<20	246	<5	0.2	6.45	<0.2	1.9	94.8	0.223	13.1	124

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734665

PROJECT: 2021 Surimeau DDH Batch 31

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
47001 (2356849)	0.98	0.58	0.13	6.61	6.51	0.88	3	<1	0.24	<0.2	<0.05	0.7	<10	0.07
47002 (2356850)	0.26	0.20	<0.05	0.13	0.17	0.26	<1	<1	<0.05	<0.2	<0.05	1.0	<10	<0.05
47003 (2356851)	1.13	0.61	0.16	6.30	8.84	1.07	3	<1	0.20	<0.2	<0.05	0.6	<10	0.08
47004 (2356852)	0.92	0.73	0.13	7.20	11.3	0.95	4	<1	0.26	<0.2	0.62	0.5	16	0.07
47005 (2356853)	1.15	0.53	0.27	35.2	3.54	0.95	1	<1	0.25	<0.2	0.15	5.6	<10	<0.05
47006 (2356854)	1.22	0.84	0.20	6.19	14.6	1.10	4	<1	0.27	<0.2	2.47	0.4	76	0.08
47007 (2356855)	1.23	0.88	0.26	7.28	16.9	1.25	4	<1	0.27	0.2	3.54	0.5	110	0.14
47008 (2356856)	0.85	0.65	0.06	5.46	12.5	0.77	3	<1	0.24	<0.2	2.70	0.3	85	0.07
47009 (2356857)	1.28	0.60	0.42	6.38	21.0	1.43	3	<1	0.31	<0.2	3.32	4.6	149	0.09
47010 (2356858)	1.05	0.65	0.18	5.64	13.6	0.95	3	<1	0.14	<0.2	3.14	0.2	89	0.06
47011 (2356859)	1.03	0.68	0.06	6.85	9.70	0.78	3	<1	0.28	<0.2	0.42	0.4	10	0.10
47012C-DUP (2356860)	1.15	0.82	0.16	6.79	9.65	1.00	3	<1	0.29	<0.2	0.38	0.5	<10	0.12
47013 (2356861)	1.20	0.94	0.15	7.33	9.03	1.08	2	<1	0.26	<0.2	<0.05	0.5	<10	0.11
47014 (2356862)	1.30	0.84	0.19	7.45	9.01	1.14	2	<1	0.29	<0.2	0.21	0.6	11	0.13
47015 (2356863)	1.41	0.82	0.15	7.47	8.51	0.95	2	<1	0.28	<0.2	0.06	0.7	<10	0.11
47016 (2356864)	1.46	0.90	0.21	6.96	16.2	1.11	3	<1	0.29	<0.2	2.44	1.0	72	0.10
47017 (2356865)	1.39	0.91	0.16	7.44	9.13	0.78	2	<1	0.36	<0.2	<0.05	0.5	<10	0.10
47018 (2356866)	1.34	1.02	0.21	6.91	7.25	1.23	2	<1	0.30	<0.2	0.06	0.5	<10	0.13
47019 (2356867)	1.55	1.06	0.28	7.69	8.51	1.03	2	<1	0.34	<0.2	0.14	0.7	<10	0.10
47020 (2356868)	1.39	0.89	0.20	6.94	7.69	0.80	2	<1	0.23	<0.2	<0.05	0.7	<10	0.09
47021 (2356869)	1.25	0.71	0.25	6.66	8.60	1.04	2	<1	0.29	<0.2	<0.05	0.8	<10	0.11
47022 (2356870)	0.23	0.19	<0.05	0.12	0.20	0.25	<1	<1	<0.05	<0.2	<0.05	1.4	<10	<0.05
47023 (2356871)	1.50	1.02	0.16	7.27	7.54	1.33	2	<1	0.31	<0.2	<0.05	0.9	<10	0.13
47024 (2356872)	1.10	0.92	0.16	7.58	8.23	1.04	2	<1	0.22	<0.2	<0.05	0.7	<10	0.12
47025 (2356873)	1.26	1.00	0.10	7.36	8.68	1.02	2	<1	0.34	<0.2	<0.05	0.6	<10	0.12
47026 (2356874)	1.43	0.94	0.15	7.30	9.27	0.99	2	<1	0.30	<0.2	<0.05	0.5	<10	0.16
47027 (2356875)	2.59	1.43	0.86	7.09	10.7	2.40	2	<1	0.49	<0.2	0.91	8.4	33	0.25
47028 (2356876)	1.67	0.92	0.39	7.88	10.3	1.16	2	<1	0.38	<0.2	1.05	0.9	33	0.12
47029 (2356877)	2.17	1.26	0.34	8.88	11.4	1.66	2	<1	0.49	<0.2	1.18	1.0	40	0.23
47030 (2356878)	2.13	1.09	0.43	8.47	11.9	1.83	2	<1	0.38	<0.2	1.56	0.8	66	0.19
47031 (2356879)	1.66	1.41	0.53	7.82	16.0	1.43	2	<1	0.44	<0.2	1.11	2.7	54	0.24
47032 (2356880)	1.72	1.22	0.57	7.86	12.5	1.88	3	<1	0.40	<0.2	0.96	3.7	39	0.15

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734665

PROJECT: 2021 Surimeau DDH Batch 31

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
47033 (2356881)	1.18	0.80	0.06	7.20	9.76	1.17	2	<1	0.25	<0.2	0.10	0.7	<10	0.10
47034 (2356882)	1.25	0.82	0.24	6.46	9.33	1.08	2	<1	0.32	<0.2	0.29	0.7	12	0.17
47035 (2356883)	1.48	1.13	0.46	6.84	9.29	0.92	2	<1	0.30	<0.2	0.78	1.0	23	0.14
47036 (2356884)	0.90	0.65	0.13	7.12	9.03	1.04	2	<1	0.23	<0.2	0.17	0.9	<10	0.09
47037 (2356885)	2.06	0.86	1.50	3.89	23.0	4.80	1	5	0.30	<0.2	1.03	34.8	56	0.05
47038 (2356886)	2.35	0.75	2.19	2.72	26.0	5.62	1	6	0.34	<0.2	0.30	44.7	14	0.07
47039 (2356887)	2.31	0.68	2.07	2.88	26.7	6.38	1	6	0.36	<0.2	0.39	46.4	29	0.09
47040 (2356888)	2.05	0.89	1.19	5.55	19.3	3.09	2	3	0.30	<0.2	0.70	24.2	34	0.14
47041 (2356889)	1.82	0.79	0.85	5.25	17.2	3.18	2	2	0.33	<0.2	0.55	21.5	35	0.12
47042 (2356890)	2.14	0.80	1.05	5.39	17.8	3.22	2	2	0.35	<0.2	0.54	22.9	34	0.09
47043 (2356891)	1.37	0.87	0.25	6.41	10.2	1.00	2	<1	0.28	<0.2	2.11	1.2	72	0.10
47044 (2356892)	2.70	0.83	2.60	2.70	25.0	5.78	1	6	0.36	<0.2	0.56	53.8	19	0.07
47045C-DUP (2356893)	2.53	0.92	2.29	2.77	25.7	5.83	1	6	0.43	<0.2	0.55	51.6	20	0.11
47046 (2356894)	1.68	1.41	0.45	7.93	14.0	1.79	2	<1	0.41	<0.2	0.82	1.5	48	0.15
47047 (2356895)	2.07	1.24	0.57	6.99	13.9	1.67	2	<1	0.32	<0.2	1.58	5.6	56	0.13
47048 (2356896)	3.33	1.50	1.40	7.59	17.7	4.88	2	3	0.60	<0.2	1.67	30.5	68	0.18
47049 (2356897)	1.61	0.90	0.10	6.73	9.69	0.91	2	<1	0.30	<0.2	2.22	0.9	67	0.10
47050 (2356898)	1.49	1.00	0.15	7.13	9.90	1.07	2	<1	0.29	<0.2	1.91	0.7	70	0.13

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734665

PROJECT: 2021 Surimeau DDH Batch 31

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
47001 (2356849)	17.2	1130	<2	<1	1.0	1330	<0.01	<5	0.21	0.5	0.46	<0.1	18	19.6
47002 (2356850)	1.91	113	<2	<1	0.4	5	<0.01	14	0.23	<0.2	0.50	<0.1	<5	3.05
47003 (2356851)	15.9	1100	<2	<1	1.4	1390	<0.01	<5	0.14	0.8	0.68	<0.1	18	21.4
47004 (2356852)	16.0	1130	<2	<1	1.2	1250	<0.01	<5	0.20	27.1	1.48	<0.1	22	22.2
47005 (2356853)	1.84	569	<2	1	4.8	20500	<0.01	39	1.63	4.7	21.2	0.4	7	7.47
47006 (2356854)	12.1	1220	76	1	1.6	1010	<0.01	<5	0.25	129	0.27	<0.1	19	24.0
47007 (2356855)	12.8	1130	<2	<1	1.6	902	<0.01	5	0.36	187	0.19	<0.1	24	24.1
47008 (2356856)	13.0	962	<2	<1	1.1	981	<0.01	<5	0.21	137	0.06	<0.1	17	25.0
47009 (2356857)	11.6	1090	<2	3	5.8	944	<0.01	<5	1.70	172	0.05	<0.1	15	22.6
47010 (2356858)	13.2	1010	<2	1	1.2	1140	<0.01	<5	0.17	152	0.06	<0.1	18	24.0
47011 (2356859)	14.3	1070	<2	<1	1.1	1230	<0.01	<5	0.22	22.4	0.43	<0.1	22	22.8
47012C-DUP (2356860)	15.1	1050	<2	<1	1.3	1220	<0.01	<5	0.22	18.9	0.43	<0.1	22	22.6
47013 (2356861)	15.9	1250	<2	<1	1.2	1230	<0.01	<5	0.33	2.0	0.38	<0.1	23	21.6
47014 (2356862)	15.2	1230	<2	<1	1.6	1320	<0.01	<5	0.28	10.2	0.49	<0.1	22	22.1
47015 (2356863)	15.3	1280	<2	<1	1.4	1290	<0.01	<5	0.26	2.1	0.48	<0.1	23	22.2
47016 (2356864)	12.9	1260	<2	2	2.1	1020	<0.01	<5	0.46	130	0.25	<0.1	23	23.4
47017 (2356865)	15.8	1190	<2	<1	1.6	1270	<0.01	<5	0.22	3.0	0.43	<0.1	24	21.3
47018 (2356866)	14.3	1320	<2	<1	1.9	971	<0.01	<5	0.37	2.8	0.42	<0.1	21	19.8
47019 (2356867)	15.1	1260	<2	<1	1.5	1170	<0.01	<5	0.27	5.9	0.56	0.3	25	20.2
47020 (2356868)	14.5	1190	<2	<1	1.2	1220	<0.01	<5	0.24	0.5	0.31	<0.1	21	21.1
47021 (2356869)	14.2	1080	<2	<1	1.9	1180	<0.01	<5	0.48	0.7	0.32	<0.1	22	20.1
47022 (2356870)	1.59	105	<2	<1	0.5	<5	<0.01	<5	0.35	<0.2	0.48	<0.1	<5	2.73
47023 (2356871)	15.4	1370	<2	<1	2.4	1210	0.02	<5	0.40	0.8	0.40	<0.1	22	19.4
47024 (2356872)	16.3	1380	<2	<1	0.9	1280	<0.01	<5	0.30	1.7	0.17	<0.1	24	21.0
47025 (2356873)	14.7	1120	<2	<1	1.3	1170	<0.01	<5	0.27	0.9	0.35	<0.1	22	22.3
47026 (2356874)	14.6	1300	<2	<1	1.8	1100	<0.01	<5	0.2	2.9	0.39	<0.1	23	22.3
47027 (2356875)	10.4	2000	<2	1	9.6	1120	0.03	5	2.54	44.2	0.46	<0.1	28	18.7
47028 (2356876)	12.6	1450	<2	<1	2.3	926	0.01	<5	0.42	51.8	0.24	<0.1	26	22.8
47029 (2356877)	10.9	1580	<2	<1	2.0	604	<0.01	<5	0.44	51.6	0.17	<0.1	32	22.0
47030 (2356878)	10.3	1630	<2	<1	2.8	529	<0.01	<5	0.46	75.2	0.18	<0.1	31	22.3
47031 (2356879)	9.48	1870	<2	1	4.0	1560	0.01	<5	0.99	45.8	0.21	<0.1	32	24.3
47032 (2356880)	11.7	1860	<2	1	4.9	1210	0.02	<5	1.12	36.6	0.29	<0.1	28	23.1

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734665

PROJECT: 2021 Surimeau DDH Batch 31

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
47033 (2356881)	14.7	1280	<2	<1	1.1	1390	<0.01	<5	0.23	3.5	0.45	<0.1	23	23.3
47034 (2356882)	10.4	1540	<2	<1	1.5	1460	<0.01	<5	0.27	12.8	0.38	<0.1	26	23.3
47035 (2356883)	11.4	1710	<2	<1	1.7	996	<0.01	<5	0.36	34.7	0.51	<0.1	24	20.8
47036 (2356884)	15.0	1120	<2	<1	1.1	1450	<0.01	<5	0.32	8.5	0.50	<0.1	21	22.1
47037 (2356885)	5.52	713	2	5	32.1	391	0.05	25	9.14	43.1	0.18	<0.1	8	27.8
47038 (2356886)	2.15	427	3	8	42.8	114	0.07	17	12.5	9.6	0.43	<0.1	5	30.7
47039 (2356887)	2.43	449	4	8	47.5	200	0.07	31	12.7	17.3	0.33	<0.1	6	28.8
47040 (2356888)	6.05	1380	2	3	22.6	633	0.05	10	6.66	28.5	0.26	<0.1	18	26.4
47041 (2356889)	6.56	1320	<2	3	19.7	485	0.05	11	5.72	16.0	0.10	<0.1	16	23.4
47042 (2356890)	6.71	1340	2	3	21.3	446	0.06	10	6.34	16.5	0.10	<0.1	16	24.6
47043 (2356891)	12.7	1270	<2	<1	2.9	1030	<0.01	<5	0.63	78.0	0.09	<0.1	21	24.3
47044 (2356892)	2.36	391	3	9	49.7	122	0.09	19	13.4	18.9	0.17	<0.1	5	29.0
47045C-DUP (2356893)	2.06	401	4	8	50.6	105	0.09	22	13.9	17.6	0.18	<0.1	5	30.7
47046 (2356894)	9.65	2130	<2	1	2.8	1450	<0.01	<5	0.54	35.7	0.13	<0.1	33	22.4
47047 (2356895)	9.91	1750	<2	2	6.2	729	0.02	5	1.67	57.5	0.10	<0.1	23	21.6
47048 (2356896)	8.36	1500	<2	4	32.8	390	0.12	11	8.98	60.3	0.09	<0.1	23	23.5
47049 (2356897)	11.9	1430	<2	<1	2.2	940	<0.01	<5	0.38	83.2	0.22	<0.1	22	24.1
47050 (2356898)	11.7	1690	<2	<1	1.7	1150	<0.01	<5	0.44	76.4	0.35	<0.1	23	23.4

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734665

PROJECT: 2021 Surimeau DDH Batch 31

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
47001 (2356849)	0.5	<1	323	<0.5	0.17	0.2	0.14	<0.5	0.07	0.05	98	<1	6.0	0.6
47002 (2356850)	0.2	<1	79.3	<0.5	<0.05	0.1	<0.01	<0.5	<0.05	0.07	<5	<1	2.3	0.1
47003 (2356851)	0.4	<1	280	<0.5	0.20	<0.1	0.14	<0.5	0.10	0.05	103	<1	6.8	0.6
47004 (2356852)	0.3	<1	32.9	<0.5	0.14	<0.1	0.18	<0.5	0.12	0.09	132	<1	6.4	0.7
47005 (2356853)	0.8	<1	32.9	<0.5	0.16	1.1	0.10	<0.5	0.06	0.23	60	4	5.6	0.5
47006 (2356854)	0.6	<1	56.0	<0.5	0.20	<0.1	0.14	1.4	0.13	0.11	129	<1	6.9	0.6
47007 (2356855)	0.9	<1	48.8	<0.5	0.26	<0.1	0.21	2.2	0.11	0.08	153	<1	10.0	0.8
47008 (2356856)	0.8	<1	58.8	<0.5	0.16	<0.1	0.13	1.6	0.11	0.09	91	<1	6.5	0.7
47009 (2356857)	1.5	<1	57.5	<0.5	0.22	1.0	0.27	1.9	0.10	0.38	139	<1	6.6	0.6
47010 (2356858)	0.3	<1	44.3	<0.5	0.14	<0.1	0.15	1.7	0.09	0.06	98	<1	5.9	0.6
47011 (2356859)	0.3	<1	38.5	<0.5	0.18	<0.1	0.17	<0.5	0.09	<0.05	128	<1	6.9	0.8
47012C-DUP (2356860)	0.8	<1	37.9	<0.5	0.14	<0.1	0.17	<0.5	0.10	<0.05	128	<1	8.4	0.8
47013 (2356861)	0.6	<1	102	<0.5	0.17	<0.1	0.19	<0.5	0.12	<0.05	140	<1	8.6	0.8
47014 (2356862)	0.7	<1	103	<0.5	0.19	<0.1	0.19	<0.5	0.13	<0.05	135	<1	7.0	0.8
47015 (2356863)	0.9	<1	116	<0.5	0.19	<0.1	0.19	<0.5	0.12	<0.05	128	<1	8.1	0.7
47016 (2356864)	0.8	<1	76.0	<0.5	0.18	0.1	0.19	1.4	0.09	0.21	140	<1	7.5	0.7
47017 (2356865)	0.4	<1	89.2	<0.5	0.20	0.1	0.19	<0.5	0.11	0.05	135	<1	7.5	0.8
47018 (2356866)	0.6	<1	196	<0.5	0.19	<0.1	0.18	<0.5	0.15	<0.05	125	<1	7.9	0.8
47019 (2356867)	0.9	<1	155	<0.5	0.22	<0.1	0.20	<0.5	0.16	<0.05	155	<1	8.8	0.8
47020 (2356868)	0.6	<1	114	<0.5	0.23	<0.1	0.17	<0.5	0.14	0.06	116	<1	8.1	0.6
47021 (2356869)	0.6	<1	137	<0.5	0.18	<0.1	0.18	<0.5	0.10	<0.05	128	<1	7.2	0.7
47022 (2356870)	0.1	<1	77.6	<0.5	0.06	<0.1	<0.01	<0.5	<0.05	0.09	<5	<1	2.6	<0.1
47023 (2356871)	0.6	<1	211	<0.5	0.17	0.1	0.19	<0.5	0.13	<0.05	130	<1	9.3	0.8
47024 (2356872)	0.3	<1	138	<0.5	0.21	<0.1	0.18	<0.5	0.10	<0.05	124	<1	6.9	0.7
47025 (2356873)	0.4	<1	55.6	<0.5	0.20	<0.1	0.20	<0.5	0.09	<0.05	147	<1	9.0	0.8
47026 (2356874)	0.7	<1	44.0	<0.5	0.19	<0.1	0.20	<0.5	0.14	0.06	132	<1	7.6	0.7
47027 (2356875)	2.1	<1	311	<0.5	0.31	1.4	0.29	0.6	0.19	0.31	183	<1	14.8	1.2
47028 (2356876)	1.1	<1	88.6	<0.5	0.24	0.2	0.22	<0.5	0.14	0.07	156	<1	9.2	0.8
47029 (2356877)	1.4	<1	90.4	<0.5	0.32	<0.1	0.28	<0.5	0.16	<0.05	191	<1	11.3	1.1
47030 (2356878)	1.1	<1	55.8	<0.5	0.29	<0.1	0.27	0.9	0.22	<0.05	190	<1	11.6	1.2
47031 (2356879)	1.8	<1	224	<0.5	0.36	0.4	0.26	<0.5	0.18	0.30	198	<1	12.2	1.2
47032 (2356880)	1.2	<1	87.8	<0.5	0.27	0.8	0.26	<0.5	0.17	0.29	167	<1	10.6	1.1

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734665

PROJECT: 2021 Surimeau DDH Batch 31

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
47033 (2356881)	0.8	<1	41.8	<0.5	0.17	<0.1	0.19	<0.5	0.16	<0.05	134	<1	6.6	0.6
47034 (2356882)	0.4	<1	171	<0.5	0.21	<0.1	0.21	<0.5	0.17	<0.05	144	<1	9.0	0.8
47035 (2356883)	0.7	<1	239	<0.5	0.20	<0.1	0.19	<0.5	0.16	<0.05	140	<1	8.8	0.9
47036 (2356884)	0.7	<1	37.9	<0.5	0.12	0.2	0.17	<0.5	0.12	0.06	121	<1	6.0	0.7
47037 (2356885)	6.7	<1	1220	<0.5	0.46	5.5	0.25	<0.5	0.07	2.09	62	<1	8.7	0.5
47038 (2356886)	8.7	<1	1720	<0.5	0.52	7.2	0.28	<0.5	0.09	2.58	47	<1	10.5	0.5
47039 (2356887)	9.6	<1	1480	<0.5	0.51	6.8	0.29	<0.5	0.07	2.53	51	<1	10.1	0.6
47040 (2356888)	5.7	<1	710	<0.5	0.47	3.7	0.28	<0.5	0.17	1.21	121	<1	9.9	0.8
47041 (2356889)	4.0	<1	573	<0.5	0.29	3.4	0.26	<0.5	0.13	1.08	117	<1	8.7	0.6
47042 (2356890)	4.8	<1	640	<0.5	0.35	3.4	0.29	<0.5	0.11	0.99	120	<1	11.1	0.8
47043 (2356891)	1.2	<1	57.3	<0.5	0.16	0.2	0.17	0.7	0.10	0.16	117	<1	7.2	0.6
47044 (2356892)	10.7	<1	1960	<0.5	0.62	8.1	0.30	<0.5	0.11	2.66	51	<1	11.3	0.6
47045C-DUP (2356893)	10.5	<1	2100	<0.5	0.58	8.3	0.32	<0.5	0.10	2.75	52	<1	12.5	0.6
47046 (2356894)	1.0	<1	192	<0.5	0.30	0.2	0.25	<0.5	0.15	0.10	185	<1	13.5	1.1
47047 (2356895)	1.4	<1	268	<0.5	0.32	0.9	0.22	0.6	0.17	0.33	146	<1	11.0	1.0
47048 (2356896)	6.7	<1	793	<0.5	0.62	5.1	0.46	<0.5	0.22	1.26	173	<1	16.8	1.2
47049 (2356897)	0.7	<1	44.1	<0.5	0.17	0.1	0.18	0.8	0.12	0.10	124	<1	7.7	0.9
47050 (2356898)	0.8	<1	33.9	<0.5	0.19	<0.1	0.19	0.7	0.11	0.09	136	<1	8.0	0.7

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734665

PROJECT: 2021 Surimeau DDH Batch 31

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
47001 (2356849)	47	12.0
47002 (2356850)	<5	3.1
47003 (2356851)	60	12.1
47004 (2356852)	57	17.0
47005 (2356853)	73	35.9
47006 (2356854)	207	14.2
47007 (2356855)	130	15.9
47008 (2356856)	93	12.4
47009 (2356857)	253	27.6
47010 (2356858)	109	12.1
47011 (2356859)	49	15.8
47012C-DUP (2356860)	48	15.4
47013 (2356861)	56	12.0
47014 (2356862)	57	19.0
47015 (2356863)	53	19.6
47016 (2356864)	145	18.7
47017 (2356865)	49	26.6
47018 (2356866)	47	20.5
47019 (2356867)	58	26.4
47020 (2356868)	47	14.7
47021 (2356869)	39	18.5
47022 (2356870)	<5	2.9
47023 (2356871)	52	9.4
47024 (2356872)	52	13.3
47025 (2356873)	56	19.9
47026 (2356874)	49	15.4
47027 (2356875)	68	34.7
47028 (2356876)	63	18.7
47029 (2356877)	69	25.6
47030 (2356878)	68	24.3
47031 (2356879)	101	29.9
47032 (2356880)	73	30.0

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734665

PROJECT: 2021 Surimeau DDH Batch 31

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
47033 (2356881)	53	19.7
47034 (2356882)	57	20.6
47035 (2356883)	65	17.1
47036 (2356884)	50	18.1
47037 (2356885)	111	163
47038 (2356886)	1260	214
47039 (2356887)	285	211
47040 (2356888)	85	113
47041 (2356889)	85	93.3
47042 (2356890)	87	87.8
47043 (2356891)	54	20.1
47044 (2356892)	52	225
47045C-DUP (2356893)	55	248
47046 (2356894)	77	29.5
47047 (2356895)	84	34.9
47048 (2356896)	81	118
47049 (2356897)	53	19.1
47050 (2356898)	54	17.1

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734665

PROJECT: 2021 Surimeau DDH Batch 31

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
47001 (2356849)	75.87
47020 (2356868)	76.78
47040 (2356888)	77.97

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734665

PROJECT: 2021 Surimeau DDH Batch 31

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
47001 (2356849)	86.06
47019 (2356867)	85.15
47038 (2356886)	86.38

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O734665

PROJECT: 2021 Surimeau DDH Batch 31

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2356849	< 1	< 1	0.0%	2356863	< 1	< 1	0.0%	2356874	< 1	< 1	0.0%	2356889	< 1	< 1	0.0%
Al	2356849	2.31	2.45	5.9%	2356863	3.17	3.16	0.3%	2356874	3.43	3.48	1.4%	2356889	5.32	5.48	3.0%
As	2356849	< 5	< 5	0.0%	2356863	< 5	< 5	0.0%	2356874	< 5	< 5	0.0%	2356889	< 5	< 5	0.0%
B	2356849	< 20	< 20	0.0%	2356863	< 20	< 20	0.0%	2356874	< 20	< 20	0.0%	2356889	< 20	< 20	0.0%
Ba	2356849	1.1	1.1	0.0%	2356863	8.7	7.6	13.5%	2356874	6.7	6.4	4.6%	2356889	551	542	1.6%
Be	2356849	< 5	< 5	0.0%	2356863	< 5	< 5	0.0%	2356874	< 5	< 5	0.0%	2356889	< 5	< 5	0.0%
Bi	2356849	1.5	1.8	18.2%	2356863	1.0	0.9	10.5%	2356874	0.7	0.7	0.0%	2356889	0.1	0.1	0.0%
Ca	2356849	3.75	3.83	2.1%	2356863	5.50	5.36	2.6%	2356874	4.70	4.65	1.1%	2356889	7.67	7.94	3.5%
Cd	2356849	< 0.2	< 0.2	0.0%	2356863	< 0.2	< 0.2	0.0%	2356874	< 0.2	< 0.2	0.0%	2356889	0.2	0.2	0.0%
Ce	2356849	1.7	1.6	6.1%	2356863	1.8	1.8	0.0%	2356874	1.5	1.5	0.0%	2356889	44.9	43.5	3.2%
Co	2356849	90.1	92.2	2.3%	2356863	102	95.8	6.3%	2356874	96.0	95.0	1.0%	2356889	49.7	50.6	1.8%
Cr	2356849	0.184	0.192	4.3%	2356863	0.220	0.214	2.8%	2356874	0.229	0.228	0.4%	2356889	0.114	0.112	1.8%
Cs	2356849	0.5	0.5	0.0%	2356863	1.2	1.1	8.7%	2356874	0.8	0.8	0.0%	2356889	3.0	2.41	21.8%
Cu	2356849	27	29	7.1%	2356863	61	60	1.7%	2356874	51	53	3.8%	2356889	< 5	< 5	0.0%
Dy	2356849	0.98	1.25	24.2%	2356863	1.41	1.53	8.2%	2356874	1.43	1.23	15.0%	2356889	1.82	1.78	2.2%
Er	2356849	0.58	0.590	1.7%	2356863	0.82	0.98	17.8%	2356874	0.94	0.92	2.2%	2356889	0.79	1.05	28.3%
Eu	2356849	0.13	0.08	47.6%	2356863	0.15	0.160	6.5%	2356874	0.15	0.179	17.6%	2356889	0.85	1.10	25.6%
Fe	2356849	6.61	6.73	1.8%	2356863	7.47	7.32	2.0%	2356874	7.30	7.24	0.8%	2356889	5.25	5.40	2.8%
Ga	2356849	6.51	6.33	2.8%	2356863	8.51	8.61	1.2%	2356874	9.27	9.23	0.4%	2356889	17.2	17.1	0.6%
Gd	2356849	0.88	0.69	24.2%	2356863	0.95	1.20	23.3%	2356874	0.99	0.933	5.9%	2356889	3.18	2.59	20.5%
Ge	2356849	3	3	0.0%	2356863	2	2	0.0%	2356874	2	2	0.0%	2356889	2	2	0.0%
Hf	2356849	< 1	< 1	0.0%	2356863	< 1	< 1	0.0%	2356874	< 1	< 1	0.0%	2356889	2	2	0.0%
Ho	2356849	0.24	0.246	2.5%	2356863	0.28	0.28	0.0%	2356874	0.30	0.340	12.5%	2356889	0.33	0.313	5.3%
In	2356849	< 0.2	< 0.2	0.0%	2356863	< 0.2	< 0.2	0.0%	2356874	< 0.2	< 0.2	0.0%	2356889	< 0.2	< 0.2	0.0%
K	2356849	< 0.05	< 0.05	0.0%	2356863	0.06	0.053	12.4%	2356874	< 0.05	0.06	18.2%	2356889	0.55	0.58	5.3%
La	2356849	0.7	0.7	0.0%	2356863	0.7	0.60	15.4%	2356874	0.5	0.6	18.2%	2356889	21.5	21.1	1.9%
Li	2356849	< 10	< 10	0.0%	2356863	< 10	< 10	0.0%	2356874	< 10	< 10	0.0%	2356889	35	36	2.8%
Lu	2356849	0.07	0.10	35.3%	2356863	0.11	0.11	0.0%	2356874	0.16	0.15	6.5%	2356889	0.12	0.11	8.7%
Mg	2356849	17.2	17.4	1.2%	2356863	15.3	14.9	2.6%	2356874	14.6	14.2	2.8%	2356889	6.56	7.10	7.9%
Mn	2356849	1130	1150	1.8%	2356863	1280	1240	3.2%	2356874	1300	1290	0.8%	2356889	1320	1350	2.2%
Mo	2356849	< 2	< 2	0.0%	2356863	< 2	< 2	0.0%	2356874	< 2	< 2	0.0%	2356889	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2356849	< 1	< 1	0.0%	2356863	< 1	< 1	0.0%	2356874	< 1	< 1	0.0%	2356889	3	3	0.0%
Nd	2356849	1.0	1.5	40.0%	2356863	1.4	1.6	13.3%	2356874	1.8	1.4	25.0%	2356889	19.7	20.9	5.9%
Ni	2356849	1330	1420	6.5%	2356863	1290	1260	2.4%	2356874	1100	1080	1.8%	2356889	485	473	2.5%
P	2356849	< 0.01	< 0.01	0.0%	2356863	< 0.01	< 0.01	0.0%	2356874	< 0.01	< 0.01	0.0%	2356889	0.05	0.055	9.5%
Pb	2356849	< 5	< 5	0.0%	2356863	< 5	< 5	0.0%	2356874	< 5	< 5	0.0%	2356889	11	12	8.7%
Pr	2356849	0.21	0.16	27.0%	2356863	0.26	0.22	16.7%	2356874	0.2	0.18	10.5%	2356889	5.72	5.78	1.0%
Rb	2356849	0.5	< 0.2		2356863	2.1	1.91	9.5%	2356874	2.9	2.9	0.0%	2356889	16.0	17.2	7.2%
S	2356849	0.46	0.48	4.3%	2356863	0.48	0.485	1.0%	2356874	0.39	0.382	2.1%	2356889	0.10	0.109	8.6%
Sb	2356849	< 0.1	< 0.1	0.0%	2356863	< 0.1	< 0.1	0.0%	2356874	< 0.1	< 0.1	0.0%	2356889	< 0.1	< 0.1	0.0%
Sc	2356849	18	20	10.5%	2356863	23	22	4.4%	2356874	23	23	0.0%	2356889	16	16	0.0%
Si	2356849	19.6	20.2	3.0%	2356863	22.2	21.6	2.7%	2356874	22.3	22.3	0.0%	2356889	23.4	24.2	3.4%
Sm	2356849	0.5	0.7	33.3%	2356863	0.9	0.9	0.0%	2356874	0.7	0.81	14.6%	2356889	4.0	3.6	10.5%
Sn	2356849	< 1	< 1	0.0%	2356863	< 1	< 1	0.0%	2356874	< 1	< 1	0.0%	2356889	< 1	< 1	0.0%
Sr	2356849	323	334	3.3%	2356863	116	113	2.6%	2356874	44.0	43.7	0.7%	2356889	573	587	2.4%
Ta	2356849	< 0.5	< 0.5	0.0%	2356863	< 0.5	< 0.5	0.0%	2356874	< 0.5	< 0.5	0.0%	2356889	< 0.5	< 0.5	0.0%
Tb	2356849	0.17	0.151	11.8%	2356863	0.19	0.168	12.3%	2356874	0.19	0.17	11.1%	2356889	0.29	0.311	7.0%
Th	2356849	0.2	0.1	66.7%	2356863	< 0.1	< 0.1	0.0%	2356874	< 0.1	< 0.1	0.0%	2356889	3.4	3.50	2.9%
Ti	2356849	0.14	0.14	0.0%	2356863	0.19	0.179	6.0%	2356874	0.20	0.19	5.1%	2356889	0.26	0.269	3.4%
Tl	2356849	< 0.5	< 0.5	0.0%	2356863	< 0.5	< 0.5	0.0%	2356874	< 0.5	< 0.5	0.0%	2356889	< 0.5	< 0.5	0.0%
Tm	2356849	0.07	0.10	35.3%	2356863	0.12	0.12	0.0%	2356874	0.14	0.09	43.5%	2356889	0.13	0.148	12.9%
U	2356849	0.05	0.043	15.1%	2356863	< 0.05	< 0.05	0.0%	2356874	0.06	0.049	20.2%	2356889	1.08	1.12	3.6%
V	2356849	98	107	8.8%	2356863	128	127	0.8%	2356874	132	135	2.2%	2356889	117	115	1.7%
W	2356849	< 1	< 1	0.0%	2356863	< 1	< 1	0.0%	2356874	< 1	< 1	0.0%	2356889	< 1	< 1	0.0%
Y	2356849	6.0	6.0	0.0%	2356863	8.1	8.0	1.2%	2356874	7.6	7.71	1.4%	2356889	8.7	9.4	7.7%
Yb	2356849	0.6	0.54	10.5%	2356863	0.7	0.87	21.7%	2356874	0.7	0.7	0.0%	2356889	0.6	0.9	40.0%
Zn	2356849	47	53	12.0%	2356863	53	44	18.6%	2356874	49	43	13.0%	2356889	85	87	2.3%
Zr	2356849	12.0	11.0	8.7%	2356863	19.6	16.8	15.4%	2356874	15.4	13.7	11.7%	2356889	93.3	92.7	0.6%

AGAT Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O734665

PROJECT: 2021 Surimeau DDH Batch 31

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.1	96%	90% - 110%					6.94	6.77	98%	90% - 110%	13.0	13.1	101%	90% - 110%
As	26	23	89%	90% - 110%												
Ba	540	504	93%	90% - 110%									1310	1334	102%	90% - 110%
Be	4.0	3	75%	90% - 110%												
Ca	0.907	0.835	92%	90% - 110%					4.01	3.9	97%	90% - 110%	1.42	1.39	98%	90% - 110%
Ce	98	103	105%	90% - 110%	58.2	64	110%	90% - 110%								
Co	15	15	100%	90% - 110%												
Cu	150	150	100%	90% - 110%									6.4	6.1	95%	90% - 110%
Er	3.7	4.7	127%	90% - 110%												
Fe	3.77	3.81	101%	90% - 110%					7.56	7.68	102%	90% - 110%	3.27	3.38	103%	90% - 110%
Ga					22.6	23.9	106%	90% - 110%								
Hf	11	9	85%	90% - 110%												
K	2.55	2.48	97%	90% - 110%					2.02	1.98	98%	90% - 110%	3.68	3.88	106%	90% - 110%
La	44	44	100%	90% - 110%	27.5	29.6	108%	90% - 110%								
Li	47	47	99%	90% - 110%									65.0	69.6	107%	90% - 110%
Lu	0.6	0.6	96%	90% - 110%												
Mg	1.1	1	90%	90% - 110%					2.41	2.5	104%	90% - 110%				
Mn	780	752	96%	90% - 110%												
Mo	14	14	97%	90% - 110%												
Nb	20	19	97%	90% - 110%	22.6	24.2	107%	90% - 110%								
Nd					27.3	29.5	108%	90% - 110%								
Ni	32	35	108%	90% - 110%												
P													0.061	0.05	83%	90% - 110%
Pb	31	30	98%	90% - 110%												
Rb	144	152	106%	90% - 110%	85.4	85.5	100%	90% - 110%								
Sb	0.8	0.9	108%	90% - 110%												
Sc	12	12	100%	90% - 110%												
Si	28.4	29.1	102%	90% - 110%					23.65	24.28	103%	90% - 110%	24.4	26	107%	90% - 110%
Sm	7.4	7.9	107%	90% - 110%												
Sr	144	150	104%	90% - 110%									310	332	107%	90% - 110%
Tb	1.2	1.2	99%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Th	18.4	18.5	101%	90% - 110%												
Ti	0.527	0.512	97%	90% - 110%									0.222	0.219	99%	90% - 110%
U	5.7	5.6	99%	90% - 110%												
V	77	78	101%	90% - 110%												
W	5	5	106%	90% - 110%												
Y	40	40	99%	90% - 110%	25.3	27.4	108%	90% - 110%								
Yb					2.66	2.68	101%	90% - 110%								
Zn	130	118	91%	90% - 110%									75.4	78.8	104%	90% - 110%
Zr	390	365	93%	90% - 110%	157	145	92%	90% - 110%								

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O734665

PROJECT: 2021 Surimeau DDH Batch 31

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O734665

PROJECT: 2021 Surimeau DDH Batch 31

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O734665

PROJECT: 2021 Surimeau DDH Batch 31

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 31

AGAT WORK ORDER: 21O734678

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Jul 21, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734678

PROJECT: 2021 Surimeau DDH Batch 31

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
47051 (2356941)	4.60
47052 (2356942)	0.87
47053 (2356943)	4.73
47054 (2356944)	5.19
47055 (2356945)	4.68
47056 (2356946)	5.39
47057 (2356947)	4.47
47058 (2356948)	4.84
47059 (2356949)	4.83
47060 (2356950)	4.86
47061 (2356951)	5.05
47062C-DUP (2356952)	-
47063 (2356953)	5.32
47064 (2356954)	2.65
47065 (2356955)	2.07
47066 (2356956)	2.04
47067 (2356957)	4.26
47068 (2356958)	5.05
47069 (2356959)	4.79
47070 (2356960)	4.91
47071 (2356961)	3.98
47072 (2356962)	0.94
47073 (2356963)	2.97
47074 (2356964)	4.42
47075 (2356965)	3.36
47076 (2356966)	4.80
47077 (2356967)	6.21
47078 (2356968)	4.99
47079 (2356969)	4.83
47080 (2356970)	4.33
47081 (2356971)	5.15

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734678

PROJECT: 2021 Surimeau DDH Batch 31

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
47082 (2356972)	4.74
47083 (2356973)	5.20
47084 (2356974)	4.47
47085 (2356975)	4.09
47086 (2356976)	4.53
47087 (2356977)	4.34
47088 (2356978)	4.25
47089 (2356979)	5.10
47090 (2356980)	4.20
47091 (2356981)	2.54
47092 (2356982)	2.15
47093 (2356983)	4.84
47094 (2356984)	4.40
47095C-DUP (2356985)	-
47096 (2356986)	2.52
47097 (2356987)	3.59
47098 (2356988)	3.07
47099 (2356989)	2.08
47100 (2356990)	1.49

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734678

PROJECT: 2021 Surimeau DDH Batch 31

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
47051 (2356941)	<1	6.48	<5	<20	407	<5	0.2	5.33	0.5	35.1	76.9	0.299	3.2	78
47052 (2356942)	<1	0.03	<5	<20	16.9	<5	<0.1	36.5	<0.2	0.7	<0.5	<0.005	<0.1	<5
47053 (2356943)	<1	2.66	<5	<20	156	<5	0.2	8.80	<0.2	1.3	82.0	0.196	6.1	34
47054 (2356944)	<1	6.34	<5	<20	379	<5	0.2	6.60	0.3	48.1	83.4	0.180	0.4	49
47055 (2356945)	<1	3.58	32	<20	458	<5	0.4	6.86	<0.2	2.6	98.0	0.223	17.4	77
47056 (2356946)	<1	6.11	6	<20	711	<5	0.3	5.11	<0.2	54.5	59.4	0.113	15.7	11
47057 (2356947)	2	7.90	<5	<20	1010	<5	0.4	4.07	<0.2	95.2	36.3	0.050	7.8	53
47058 (2356948)	2	2.90	<5	<20	286	<5	0.3	10.6	0.3	2.0	88.2	0.200	13.2	18
47059 (2356949)	2	3.76	<5	<20	366	<5	0.3	9.79	<0.2	2.8	105	0.244	1.0	35
47060 (2356950)	2	3.89	<5	<20	124	<5	0.3	6.61	<0.2	4.9	93.2	0.238	5.1	79
47061 (2356951)	1	3.24	<5	<20	2.9	<5	0.3	5.26	<0.2	6.3	95.6	0.209	0.6	98
47062C-DUP (2356952)	<1	3.30	<5	<20	2.9	<5	0.4	5.09	<0.2	6.5	97.9	0.207	0.6	99
47063 (2356953)	<1	3.13	<5	<20	2.3	<5	0.5	5.26	<0.2	7.0	95.5	0.191	0.4	99
47064 (2356954)	<1	3.05	<5	<20	24.7	<5	0.3	6.00	0.5	4.6	92.5	0.196	1.2	76
47065 (2356955)	1	3.08	<5	<20	65.2	<5	0.5	6.11	0.3	5.7	90.2	0.195	2.7	75
47066 (2356956)	<1	5.05	<5	<20	373	<5	0.2	7.16	0.5	34.9	73.4	0.174	11.8	5
47067 (2356957)	<1	4.73	<5	<20	207	<5	0.1	5.88	<0.2	3.4	89.3	0.263	7.1	12
47068 (2356958)	<1	2.94	<5	<20	6.7	<5	0.3	7.19	0.3	2.1	90.7	0.202	0.5	106
47069 (2356959)	<1	2.89	<5	<20	1.3	<5	0.4	4.72	0.2	1.4	92.4	0.204	0.4	19
47070 (2356960)	2	2.42	<5	<20	1.4	<5	0.2	3.96	<0.2	1.4	97.5	0.193	<0.1	<5
47071 (2356961)	<1	2.96	<5	<20	24.1	<5	0.5	4.65	<0.2	1.8	96.7	0.214	1.4	25
47072 (2356962)	<1	0.10	<5	<20	20.5	<5	<0.1	35.6	<0.2	0.8	<0.5	<0.005	<0.1	<5
47073 (2356963)	1	4.73	<5	<20	441	<5	0.4	12.6	0.4	17.2	120	0.259	6.0	45
47074 (2356964)	<1	3.13	<5	<20	164	<5	0.3	10.4	<0.2	1.7	92.8	0.212	8.8	35
47075 (2356965)	<1	3.16	<5	<20	45.7	<5	0.1	16.3	<0.2	2.3	100	0.237	0.1	21
47076 (2356966)	<1	4.19	<5	<20	71.2	<5	0.3	12.5	0.3	2.8	127	0.297	0.1	38
47077 (2356967)	<1	3.80	<5	<20	455	<5	0.2	10.0	0.6	3.1	91.8	0.242	6.1	10
47078 (2356968)	<1	3.83	<5	<20	285	<5	0.3	12.3	0.4	8.8	88.9	0.221	4.4	9
47079 (2356969)	<1	4.13	<5	<20	316	<5	0.2	6.87	0.3	17.3	82.6	0.187	8.2	<5
47080 (2356970)	<1	7.31	<5	<20	354	<5	0.4	10.7	<0.2	59.0	71.5	0.128	<0.1	28
47081 (2356971)	<1	3.15	<5	<20	210	<5	0.2	10.8	0.3	5.9	84.2	0.184	4.6	9
47082 (2356972)	<1	3.75	<5	<20	101	<5	0.2	7.09	<0.2	2.0	91.9	0.242	8.3	32

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734678

PROJECT: 2021 Surimeau DDH Batch 31

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
47083 (2356973)	<1	3.66	<5	<20	146	<5	0.2	6.87	<0.2	2.6	95.1	0.224	13.1	46
47084 (2356974)	<1	8.32	<5	<20	809	<5	0.3	1.26	<0.2	85.5	16.6	0.026	3.9	37
47085 (2356975)	<1	8.92	<5	23	818	<5	0.3	1.30	0.3	59.3	24.4	0.025	4.7	42
47086 (2356976)	<1	8.37	<5	<20	725	<5	1.2	1.59	0.3	58.4	23.1	0.026	3.3	48
47087 (2356977)	1	7.93	<5	<20	793	<5	0.2	1.84	<0.2	59.9	25.6	0.030	3.8	46
47088 (2356978)	<1	8.21	<5	<20	716	<5	0.3	1.57	<0.2	58.0	22.3	0.026	4.0	48
47089 (2356979)	<1	8.32	<5	<20	718	<5	0.3	1.65	0.4	54.8	23.3	0.025	4.7	58
47090 (2356980)	<1	8.93	<5	21	727	<5	0.2	1.10	0.3	62.2	26.6	0.027	7.4	46
47091 (2356981)	<1	8.43	<5	<20	752	<5	0.3	1.25	<0.2	62.2	23.9	0.024	6.8	46
47092 (2356982)	<1	8.42	<5	23	847	<5	1.5	1.31	0.2	57.2	22.0	0.026	5.6	49
47093 (2356983)	<1	8.44	<5	<20	680	<5	0.3	1.24	0.3	59.2	23.5	0.025	4.7	50
47094 (2356984)	<1	8.50	<5	<20	645	<5	0.3	1.06	0.2	57.7	22.5	0.026	5.4	50
47095C-DUP (2356985)	<1	8.67	<5	<20	653	<5	0.2	1.11	<0.2	58.6	25.4	0.027	5.2	50
47096 (2356986)	<1	8.46	<5	<20	689	<5	0.3	1.13	<0.2	56.4	24.8	0.025	6.0	42
47097 (2356987)	<1	8.92	<5	<20	975	<5	0.3	1.08	<0.2	65.0	25.5	0.025	6.3	51
47098 (2356988)	<1	8.56	<5	<20	1050	<5	0.2	1.04	<0.2	59.1	27.3	0.026	5.4	52
47099 (2356989)	1	6.09	<5	<20	446	<5	0.4	4.07	0.8	57.9	17.2	0.024	2.2	54
47100 (2356990)	<1	5.71	<5	<20	408	<5	0.4	0.79	0.4	46.6	12.3	0.026	2.3	25

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734678

PROJECT: 2021 Surimeau DDH Batch 31

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
47051 (2356941)	2.30	1.56	0.99	6.91	17.3	2.78	1	2	0.51	<0.2	0.60	17.0	31	0.22
47052 (2356942)	0.17	<0.05	<0.05	0.10	0.18	0.15	<1	<1	0.07	<0.2	<0.05	1.2	<10	<0.05
47053 (2356943)	0.85	0.52	<0.05	6.45	10.3	0.62	2	<1	0.17	<0.2	1.06	0.6	47	0.06
47054 (2356944)	2.45	1.01	1.34	6.72	17.6	3.43	1	2	0.51	<0.2	0.23	22.6	13	0.18
47055 (2356945)	1.25	0.93	0.24	6.74	10.9	0.97	2	<1	0.27	<0.2	2.12	1.2	82	0.12
47056 (2356946)	2.15	1.08	1.32	6.28	14.9	3.60	2	2	0.36	<0.2	1.88	27.2	88	0.07
47057 (2356947)	3.01	1.45	1.99	5.95	17.7	5.68	<1	4	0.51	<0.2	1.06	45.0	50	0.14
47058 (2356948)	1.21	0.66	0.24	6.67	9.09	0.91	2	<1	0.25	<0.2	1.48	0.8	52	0.13
47059 (2356949)	1.38	1.03	0.26	6.76	9.18	1.13	1	<1	0.34	<0.2	0.33	1.2	18	0.16
47060 (2356950)	1.66	0.87	0.26	7.74	9.38	1.36	1	<1	0.44	<0.2	0.50	1.8	22	0.12
47061 (2356951)	1.39	0.71	0.12	6.76	8.84	1.12	2	<1	0.27	<0.2	<0.05	2.3	<10	0.13
47062C-DUP (2356952)	1.31	0.89	0.09	6.68	9.03	1.20	2	<1	0.27	<0.2	<0.05	2.4	<10	0.15
47063 (2356953)	1.15	0.84	0.10	6.46	9.40	1.22	2	<1	0.25	<0.2	<0.05	2.7	<10	0.14
47064 (2356954)	1.59	1.04	0.16	6.47	8.67	1.35	2	<1	0.34	<0.2	0.13	1.3	<10	0.08
47065 (2356955)	1.19	0.84	0.30	6.58	8.67	1.20	2	<1	0.25	<0.2	0.30	2.1	13	0.10
47066 (2356956)	2.57	1.33	1.16	7.40	13.6	2.93	2	1	0.51	<0.2	1.27	16.6	66	0.17
47067 (2356957)	1.57	1.07	0.33	8.35	11.8	1.28	1	<1	0.39	<0.2	0.93	1.7	34	0.19
47068 (2356958)	0.99	0.62	0.28	6.58	8.15	0.72	1	<1	0.21	<0.2	<0.05	1.1	<10	0.07
47069 (2356959)	1.29	0.68	<0.05	6.94	7.63	0.81	1	<1	0.32	<0.2	<0.05	0.6	<10	0.14
47070 (2356960)	0.98	0.57	<0.05	6.67	6.77	0.66	1	<1	0.21	<0.2	<0.05	0.5	<10	0.09
47071 (2356961)	0.88	0.75	<0.05	6.85	8.54	0.71	2	<1	0.25	<0.2	0.14	0.6	<10	0.10
47072 (2356962)	0.24	0.13	<0.05	0.09	0.32	0.13	<1	<1	<0.05	<0.2	<0.05	1.1	<10	<0.05
47073 (2356963)	2.27	1.27	0.75	7.22	11.2	2.27	<1	2	0.44	<0.2	0.53	7.8	36	0.20
47074 (2356964)	1.27	0.88	0.23	6.43	8.73	0.91	2	<1	0.32	<0.2	0.93	0.7	29	0.12
47075 (2356965)	1.80	0.99	0.17	6.19	9.36	1.20	1	<1	0.36	<0.2	0.10	1.2	<10	0.08
47076 (2356966)	1.63	1.18	0.35	6.39	11.2	1.36	1	<1	0.40	<0.2	0.15	1.2	11	0.18
47077 (2356967)	2.10	1.22	0.38	7.04	14.9	1.33	2	<1	0.41	<0.2	0.86	1.4	54	0.18
47078 (2356968)	1.39	0.81	0.36	6.31	13.0	1.29	2	<1	0.35	<0.2	0.83	3.6	36	0.12
47079 (2356969)	1.27	0.67	0.51	6.37	15.4	1.60	2	1	0.26	<0.2	1.17	7.6	47	0.09
47080 (2356970)	2.51	1.10	1.39	3.28	18.0	3.88	<1	3	0.44	<0.2	0.10	28.8	<10	0.12
47081 (2356971)	1.56	1.12	0.40	6.31	11.5	1.45	2	<1	0.32	<0.2	0.65	1.9	31	0.15
47082 (2356972)	1.25	0.85	0.06	7.82	10.0	1.03	2	<1	0.36	<0.2	0.88	0.7	32	0.15

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734678

PROJECT: 2021 Surimeau DDH Batch 31

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
47083 (2356973)	1.74	0.76	0.10	7.68	8.81	1.13	2	<1	0.28	<0.2	1.18	1.3	45	0.17
47084 (2356974)	5.16	3.05	1.09	3.47	22.2	5.35	1	4	1.07	<0.2	2.87	42.8	35	0.42
47085 (2356975)	2.93	1.44	1.14	4.25	22.8	3.51	1	4	0.49	<0.2	2.66	29.0	40	0.25
47086 (2356976)	2.84	1.42	1.23	4.10	21.8	3.50	1	4	0.54	<0.2	2.27	29.0	39	0.26
47087 (2356977)	2.68	1.44	1.32	4.17	21.3	3.74	1	4	0.59	<0.2	2.13	28.5	41	0.20
47088 (2356978)	2.68	1.38	0.87	3.85	21.0	3.30	1	4	0.49	<0.2	1.98	28.5	39	0.13
47089 (2356979)	2.83	1.29	1.30	4.23	21.1	3.27	1	4	0.54	<0.2	2.22	26.9	42	0.24
47090 (2356980)	2.67	1.49	1.17	4.63	24.3	3.94	1	3	0.60	<0.2	2.68	29.5	54	0.22
47091 (2356981)	3.34	1.73	1.20	4.08	21.7	3.87	1	4	0.53	<0.2	2.25	30.8	51	0.25
47092 (2356982)	2.78	1.62	0.98	4.06	21.4	3.40	1	4	0.51	<0.2	2.34	27.7	49	0.23
47093 (2356983)	2.68	1.38	1.17	4.19	21.5	3.53	1	4	0.53	<0.2	2.23	29.4	56	0.15
47094 (2356984)	2.77	1.44	1.08	4.12	21.9	3.45	1	3	0.52	<0.2	2.17	27.9	57	0.27
47095C-DUP (2356985)	2.79	1.41	1.07	4.21	22.3	3.50	1	3	0.46	<0.2	2.21	27.8	58	0.18
47096 (2356986)	2.77	1.37	1.00	4.08	22.4	3.37	1	3	0.49	<0.2	2.47	27.4	47	0.18
47097 (2356987)	3.22	1.43	1.32	4.54	23.3	3.93	1	4	0.59	<0.2	2.92	31.8	52	0.24
47098 (2356988)	2.76	1.58	1.00	4.50	22.5	3.64	2	4	0.58	<0.2	2.64	27.9	51	0.16
47099 (2356989)	2.80	1.47	1.43	3.02	15.6	4.21	1	3	0.55	<0.2	1.09	29.0	28	0.32
47100 (2356990)	1.81	0.74	1.03	2.28	14.7	2.46	<1	2	0.32	<0.2	0.98	22.4	30	0.09

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734678

PROJECT: 2021 Surimeau DDH Batch 31

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
47051 (2356941)	5.41	2040	<2	2	15.7	903	0.03	8	4.00	22.1	0.23	<0.1	31	25.2
47052 (2356942)	1.47	110	<2	<1	0.9	7	<0.01	<5	0.15	<0.2	0.51	<0.1	<5	3.92
47053 (2356943)	10.8	1750	<2	1	1.0	1290	<0.01	<5	0.23	54.9	0.20	<0.1	19	24.7
47054 (2356944)	4.47	1750	<2	3	23.4	924	0.07	8	5.65	6.6	0.19	<0.1	25	26.0
47055 (2356945)	10.1	1630	<2	<1	1.9	1220	<0.01	<5	0.44	98.1	0.17	<0.1	24	22.9
47056 (2356946)	8.29	1130	<2	4	27.0	673	0.06	10	6.19	89.0	0.06	<0.1	18	25.1
47057 (2356947)	4.41	952	<2	5	45.6	162	0.13	14	11.6	49.0	0.04	<0.1	18	24.8
47058 (2356948)	9.78	1630	<2	<1	1.2	1090	<0.01	5	0.25	69.5	0.22	<0.1	20	20.5
47059 (2356949)	8.95	1760	<2	<1	1.9	1250	<0.01	5	0.35	8.5	0.26	<0.1	25	21.5
47060 (2356950)	12.0	1290	<2	<1	4.5	1080	<0.01	<5	0.96	20.4	0.38	<0.1	27	20.0
47061 (2356951)	14.8	1010	<2	<1	4.6	1360	<0.01	<5	1.01	0.4	0.41	<0.1	21	23.1
47062C-DUP (2356952)	13.5	1030	<2	<1	4.2	1350	<0.01	<5	0.83	<0.2	0.39	<0.1	21	22.7
47063 (2356953)	13.5	986	<2	1	5.4	1410	<0.01	<5	1.12	<0.2	0.40	<0.1	19	22.7
47064 (2356954)	13.0	1340	<2	<1	3.3	1280	<0.01	13	0.84	5.2	0.29	<0.1	21	22.9
47065 (2356955)	13.9	1330	<2	1	4.2	1270	<0.01	5	0.97	16.3	0.29	<0.1	20	23.4
47066 (2356956)	10.1	1450	<2	3	17.1	798	0.06	<5	4.37	57.1	0.09	<0.1	24	22.2
47067 (2356957)	12.6	1400	<2	<1	2.9	769	<0.01	<5	0.50	40.2	0.10	<0.1	30	22.1
47068 (2356958)	13.1	1100	<2	<1	0.8	1210	<0.01	<5	0.28	0.4	0.31	<0.1	19	20.6
47069 (2356959)	14.8	1230	<2	<1	1.7	1350	<0.01	<5	0.24	0.3	0.10	<0.1	20	20.1
47070 (2356960)	16.3	1160	<2	<1	1.0	1480	<0.01	<5	0.24	<0.2	0.06	<0.1	18	21.0
47071 (2356961)	14.9	1220	<2	<1	1.2	1350	<0.01	<5	0.32	4.2	0.18	<0.1	20	21.7
47072 (2356962)	1.33	107	<2	<1	0.6	<5	<0.01	<5	0.13	0.6	0.49	<0.1	<5	4.15
47073 (2356963)	5.87	2250	<2	2	10.8	1390	0.09	9	2.47	28.5	0.25	<0.1	27	19.0
47074 (2356964)	9.05	1880	<2	<1	1.7	1160	<0.01	<5	0.29	37.7	0.29	<0.1	22	21.1
47075 (2356965)	4.42	3040	<2	<1	2.4	1160	<0.01	<5	0.27	0.9	0.25	<0.1	24	18.7
47076 (2356966)	5.26	2540	<2	<1	2.4	1410	<0.01	7	0.48	2.1	0.26	<0.1	29	22.4
47077 (2356967)	8.22	2000	<2	1	2.2	1010	0.03	7	0.43	41.4	0.16	<0.1	28	21.1
47078 (2356968)	6.90	2130	<2	1	5.1	1160	<0.01	11	1.15	32.3	0.19	<0.1	24	20.6
47079 (2356969)	9.02	1380	<2	2	8.5	1090	0.03	7	1.87	45.9	0.09	<0.1	20	24.1
47080 (2356970)	1.54	1520	<2	4	30.8	735	0.05	23	7.03	0.2	0.24	<0.1	15	24.1
47081 (2356971)	9.46	1820	<2	2	3.7	945	0.18	10	0.79	30.4	0.15	<0.1	20	23.0
47082 (2356972)	12.3	1380	<2	<1	1.7	995	<0.01	6	0.23	35.7	0.30	<0.1	26	21.2

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734678

PROJECT: 2021 Surimeau DDH Batch 31

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
47083 (2356973)	12.6	1430	<2	<1	2.2	1050	<0.01	6	0.36	54.8	0.36	<0.1	25	20.9
47084 (2356974)	1.55	471	10	11	35.1	84	0.04	20	9.96	107	0.14	<0.1	12	33.5
47085 (2356975)	1.78	714	8	6	26.4	93	0.05	13	6.77	108	0.18	<0.1	15	30.9
47086 (2356976)	1.62	602	7	6	27.4	90	0.05	18	6.63	92.2	0.22	<0.1	15	31.3
47087 (2356977)	2.19	625	8	6	25.2	107	0.06	16	7.10	95.0	0.21	<0.1	16	29.4
47088 (2356978)	1.68	533	8	6	24.6	89	0.05	19	6.33	84.3	0.24	<0.1	14	31.0
47089 (2356979)	1.85	512	13	6	23.0	90	0.07	18	6.47	87.8	0.32	<0.1	15	30.7
47090 (2356980)	1.89	507	7	6	28.1	106	0.05	19	7.56	123	0.18	<0.1	19	28.2
47091 (2356981)	1.71	504	7	7	25.5	89	0.05	20	7.38	103	0.21	<0.1	15	29.2
47092 (2356982)	1.68	495	9	7	24.8	86	0.05	19	6.78	103	0.25	<0.1	14	31.4
47093 (2356983)	1.82	535	7	7	26.5	98	0.05	19	7.19	88.2	0.27	<0.1	16	30.1
47094 (2356984)	1.74	541	7	6	25.6	91	0.06	14	6.91	95.6	0.35	<0.1	16	29.7
47095C-DUP (2356985)	1.69	543	6	7	25.8	112	0.06	14	6.91	93.8	0.36	<0.1	16	30.4
47096 (2356986)	1.67	541	6	7	23.4	84	0.05	15	6.78	105	0.19	<0.1	16	30.1
47097 (2356987)	1.88	537	5	7	26.8	105	0.05	18	7.43	124	0.38	<0.1	18	28.8
47098 (2356988)	1.77	533	7	6	25.3	101	0.05	15	6.80	117	0.61	<0.1	17	29.1
47099 (2356989)	1.57	709	9	6	27.8	66	0.07	14	6.97	55.3	1.19	<0.1	14	29.4
47100 (2356990)	1.33	316	67	5	23.0	71	0.04	15	5.46	55.9	1.18	<0.1	9	34.9

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734678

PROJECT: 2021 Surimeau DDH Batch 31

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
47051 (2356941)	2.9	<1	466	<0.5	0.37	2.4	0.33	<0.5	0.19	0.63	195	<1	13.6	1.1
47052 (2356942)	0.1	<1	74.4	<0.5	<0.05	0.1	<0.01	<0.5	<0.05	0.10	<5	<1	1.2	<0.1
47053 (2356943)	0.3	<1	69.6	<0.5	0.09	<0.1	0.15	0.5	0.08	0.14	127	<1	5.8	0.5
47054 (2356944)	3.2	<1	487	<0.5	0.40	3.9	0.35	<0.5	0.18	1.13	179	<1	14.9	1.3
47055 (2356945)	0.7	<1	182	<0.5	0.13	0.2	0.19	1.1	0.09	0.10	135	5	7.8	0.7
47056 (2356946)	4.1	<1	571	<0.5	0.41	4.1	0.34	0.8	0.12	1.10	142	<1	12.2	0.9
47057 (2356947)	8.4	<1	654	<0.5	0.64	7.2	0.48	0.5	0.16	1.86	156	<1	15.4	1.3
47058 (2356948)	0.8	<1	243	<0.5	0.22	0.1	0.16	0.7	0.11	0.10	122	<1	7.4	0.6
47059 (2356949)	0.6	<1	321	<0.5	0.18	<0.1	0.20	<0.5	0.15	<0.05	152	<1	9.7	1.0
47060 (2356950)	1.1	<1	127	<0.5	0.26	0.3	0.22	<0.5	0.11	0.08	161	<1	10.6	1.2
47061 (2356951)	1.2	<1	41.7	<0.5	0.13	0.4	0.16	<0.5	0.10	0.13	133	<1	7.5	0.8
47062C-DUP (2356952)	1.0	<1	40.6	<0.5	0.16	0.4	0.16	<0.5	0.14	0.18	131	<1	8.1	0.9
47063 (2356953)	1.0	<1	46.9	<0.5	0.20	0.3	0.15	<0.5	0.10	0.11	122	<1	7.9	0.8
47064 (2356954)	1.0	<1	38.3	<0.5	0.18	0.2	0.16	<0.5	0.12	0.18	121	<1	10.3	0.8
47065 (2356955)	0.7	<1	40.7	<0.5	0.19	0.3	0.17	<0.5	0.07	0.12	121	<1	9.4	0.7
47066 (2356956)	3.1	1	99.4	<0.5	0.37	2.9	0.29	0.6	0.21	0.53	165	<1	13.3	1.5
47067 (2356957)	1.6	<1	55.4	<0.5	0.21	0.2	0.26	<0.5	0.18	0.09	184	<1	10.2	1.2
47068 (2356958)	0.4	<1	143	<0.5	0.12	<0.1	0.16	<0.5	0.08	<0.05	113	<1	6.2	0.7
47069 (2356959)	0.5	<1	180	<0.5	0.16	<0.1	0.16	<0.5	0.07	<0.05	111	<1	7.3	0.7
47070 (2356960)	0.3	1	164	<0.5	0.10	<0.1	0.13	<0.5	0.07	<0.05	105	<1	5.5	0.7
47071 (2356961)	0.5	<1	104	<0.5	0.12	<0.1	0.16	<0.5	0.09	<0.05	117	<1	5.3	0.6
47072 (2356962)	<0.1	<1	76.6	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.11	<5	<1	2.0	0.2
47073 (2356963)	2.0	<1	291	<0.5	0.34	1.8	0.31	<0.5	0.15	0.70	187	<1	15.7	1.2
47074 (2356964)	0.7	<1	121	<0.5	0.15	<0.1	0.17	<0.5	0.13	<0.05	134	<1	8.7	1.0
47075 (2356965)	0.8	<1	136	<0.5	0.22	<0.1	0.18	<0.5	0.20	<0.05	144	<1	11.9	0.9
47076 (2356966)	1.2	1	237	<0.5	0.26	<0.1	0.23	<0.5	0.16	0.09	175	<1	13.4	1.1
47077 (2356967)	0.8	2	298	<0.5	0.24	<0.1	0.23	<0.5	0.21	0.49	179	<1	12.8	1.3
47078 (2356968)	1.2	2	458	<0.5	0.17	0.5	0.21	<0.5	0.10	0.31	143	<1	10.4	1.1
47079 (2356969)	2.0	2	426	<0.5	0.18	1.3	0.19	<0.5	0.09	0.61	148	<1	8.7	0.8
47080 (2356970)	6.2	1	1480	<0.5	0.46	4.7	0.25	<0.5	0.18	1.60	98	<1	13.8	1.0
47081 (2356971)	1.0	1	270	<0.5	0.22	0.4	0.16	<0.5	0.12	0.60	144	<1	11.4	1.2
47082 (2356972)	0.6	<1	120	<0.5	0.17	<0.1	0.22	<0.5	0.13	<0.05	166	<1	7.9	0.9

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734678

PROJECT: 2021 Surimeau DDH Batch 31

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
47083 (2356973)	0.7	<1	131	<0.5	0.23	<0.1	0.20	<0.5	0.16	<0.05	146	<1	9.3	1.1
47084 (2356974)	6.4	3	252	0.7	0.82	12.9	0.28	0.5	0.41	3.77	85	<1	28.7	2.9
47085 (2356975)	4.5	1	336	<0.5	0.45	8.6	0.35	0.5	0.22	2.58	112	<1	15.3	1.7
47086 (2356976)	4.9	2	281	<0.5	0.37	8.1	0.35	<0.5	0.19	2.91	109	<1	13.8	1.4
47087 (2356977)	4.9	<1	330	<0.5	0.45	8.2	0.35	0.6	0.21	2.53	119	<1	14.8	1.5
47088 (2356978)	3.7	1	305	<0.5	0.47	8.0	0.33	0.5	0.21	2.62	105	<1	13.5	1.5
47089 (2356979)	4.7	2	277	<0.5	0.42	7.4	0.36	0.6	0.19	2.43	113	<1	13.2	1.3
47090 (2356980)	4.8	<1	215	<0.5	0.53	8.5	0.38	0.8	0.22	2.63	133	<1	13.5	1.4
47091 (2356981)	4.5	<1	264	<0.5	0.48	8.6	0.35	0.5	0.24	2.56	110	<1	15.0	1.4
47092 (2356982)	4.6	1	274	<0.5	0.44	7.8	0.34	0.6	0.23	2.54	104	<1	14.6	1.4
47093 (2356983)	4.2	<1	258	<0.5	0.44	7.9	0.35	0.6	0.24	2.47	115	<1	14.5	1.4
47094 (2356984)	4.7	1	248	<0.5	0.42	7.5	0.35	0.7	0.25	2.36	117	<1	15.0	1.8
47095C-DUP (2356985)	4.5	1	254	<0.5	0.46	8.1	0.35	0.8	0.20	2.42	116	<1	16.4	1.3
47096 (2356986)	4.4	<1	229	<0.5	0.42	7.7	0.35	1.0	0.18	2.40	114	<1	15.6	1.4
47097 (2356987)	4.8	2	219	<0.5	0.58	8.7	0.38	1.2	0.23	2.52	131	<1	16.3	1.6
47098 (2356988)	5.3	1	224	<0.5	0.39	8.2	0.37	1.4	0.26	2.63	124	5	16.4	1.5
47099 (2356989)	5.6	2	430	<0.5	0.54	6.6	0.26	0.7	0.24	2.22	80	<1	18.4	1.4
47100 (2356990)	3.2	3	258	<0.5	0.30	4.9	0.22	0.7	0.12	1.80	64	<1	7.2	0.8

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734678

PROJECT: 2021 Surimeau DDH Batch 31

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
47051 (2356941)	340	80.6
47052 (2356942)	<5	5.0
47053 (2356943)	71	13.8
47054 (2356944)	107	87.3
47055 (2356945)	61	22.5
47056 (2356946)	91	93.7
47057 (2356947)	88	161
47058 (2356948)	54	19.0
47059 (2356949)	59	19.5
47060 (2356950)	61	20.4
47061 (2356951)	45	15.3
47062C-DUP (2356952)	54	15.7
47063 (2356953)	50	16.7
47064 (2356954)	93	15.5
47065 (2356955)	82	19.0
47066 (2356956)	122	56.5
47067 (2356957)	71	28.2
47068 (2356958)	39	15.8
47069 (2356959)	49	16.6
47070 (2356960)	54	13.6
47071 (2356961)	53	13.3
47072 (2356962)	<5	4.2
47073 (2356963)	61	62.5
47074 (2356964)	48	17.2
47075 (2356965)	52	17.0
47076 (2356966)	65	20.8
47077 (2356967)	78	21.4
47078 (2356968)	83	28.1
47079 (2356969)	123	43.9
47080 (2356970)	58	122
47081 (2356971)	65	20.2
47082 (2356972)	60	20.2

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734678

PROJECT: 2021 Surimeau DDH Batch 31

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
47083 (2356973)	57	16.6
47084 (2356974)	98	147
47085 (2356975)	188	139
47086 (2356976)	95	148
47087 (2356977)	97	144
47088 (2356978)	81	159
47089 (2356979)	134	142
47090 (2356980)	96	135
47091 (2356981)	81	146
47092 (2356982)	83	148
47093 (2356983)	117	155
47094 (2356984)	135	137
47095C-DUP (2356985)	144	137
47096 (2356986)	74	137
47097 (2356987)	105	136
47098 (2356988)	125	147
47099 (2356989)	187	119
47100 (2356990)	146	89.2

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734678

PROJECT: 2021 Surimeau DDH Batch 31

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
47051 (2356941)	82.50
47070 (2356960)	79.73
47090 (2356980)	80.01

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734678

PROJECT: 2021 Surimeau DDH Batch 31

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 21, 2021 | SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
47051 (2356941)		88.98
47071 (2356961)		87.50
47091 (2356981)		88.24

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Certified By:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2356941	< 1	< 1	0.0%	2356955	1	2		2356966	< 1	< 1	0.0%	2356981	< 1	< 1	0.0%
Al	2356941	6.48	6.42	0.9%	2356955	3.08	3.01	2.3%	2356966	4.19	4.24	1.2%	2356981	8.43	8.50	0.8%
As	2356941	< 5	< 5	0.0%	2356955	< 5	< 5	0.0%	2356966	< 5	< 5	0.0%	2356981	< 5	< 5	0.0%
B	2356941	< 20	< 20	0.0%	2356955	< 20	< 20	0.0%	2356966	< 20	< 20	0.0%	2356981	< 20	< 20	0.0%
Ba	2356941	407	392	3.8%	2356955	65.2	63.4	2.8%	2356966	71.2	82.6	14.8%	2356981	752	796	5.7%
Be	2356941	< 5	< 5	0.0%	2356955	< 5	< 5	0.0%	2356966	< 5	< 5	0.0%	2356981	< 5	< 5	0.0%
Bi	2356941	0.2	0.2	0.0%	2356955	0.5	0.4	22.2%	2356966	0.3	0.3	0.0%	2356981	0.3	0.3	0.0%
Ca	2356941	5.33	5.26	1.3%	2356955	6.11	6.08	0.5%	2356966	12.5	12.2	2.4%	2356981	1.25	1.31	4.7%
Cd	2356941	0.5	0.7		2356955	0.3	0.3	0.0%	2356966	0.3	0.4	28.6%	2356981	< 0.2	< 0.2	0.0%
Ce	2356941	35.1	32.9	6.5%	2356955	5.7	6.2	8.4%	2356966	2.8	2.8	0.0%	2356981	62.2	60.8	2.3%
Co	2356941	76.9	83.2	7.9%	2356955	90.2	92.2	2.2%	2356966	127	126	0.8%	2356981	23.9	24.2	1.2%
Cr	2356941	0.299	0.295	1.3%	2356955	0.195	0.198	1.5%	2356966	0.297	0.302	1.7%	2356981	0.0243	0.0257	5.6%
Cs	2356941	3.24	3.05	6.0%	2356955	2.7	3.0	10.5%	2356966	0.1	< 0.1		2356981	6.8	5.7	17.6%
Cu	2356941	78	75	3.9%	2356955	75	75	0.0%	2356966	38	50	27.3%	2356981	46	50	8.3%
Dy	2356941	2.30	2.34	1.7%	2356955	1.19	1.50	23.0%	2356966	1.63	2.05	22.8%	2356981	3.34	2.68	21.9%
Er	2356941	1.56	1.42	9.4%	2356955	0.840	0.712	16.5%	2356966	1.18	1.20	1.7%	2356981	1.73	1.55	11.0%
Eu	2356941	0.992	0.823	18.6%	2356955	0.30	0.35	15.4%	2356966	0.35	0.41	15.8%	2356981	1.20	1.09	9.6%
Fe	2356941	6.91	6.87	0.6%	2356955	6.58	6.58	0.0%	2356966	6.39	6.31	1.3%	2356981	4.08	4.20	2.9%
Ga	2356941	17.3	17.7	2.3%	2356955	8.67	8.67	0.0%	2356966	11.2	11.3	0.9%	2356981	21.7	22.4	3.2%
Gd	2356941	2.78	2.73	1.8%	2356955	1.20	1.19	0.8%	2356966	1.36	1.34	1.5%	2356981	3.87	3.65	5.9%
Ge	2356941	1	1	0.0%	2356955	2	2	0.0%	2356966	1	1	0.0%	2356981	1	1	0.0%
Hf	2356941	2	2	0.0%	2356955	< 1	< 1	0.0%	2356966	< 1	< 1	0.0%	2356981	4	4	0.0%
Ho	2356941	0.51	0.51	0.0%	2356955	0.251	0.258	2.8%	2356966	0.403	0.447	10.4%	2356981	0.53	0.56	5.5%
In	2356941	< 0.2	< 0.2	0.0%	2356955	< 0.2	< 0.2	0.0%	2356966	< 0.2	< 0.2	0.0%	2356981	< 0.2	< 0.2	0.0%
K	2356941	0.60	0.61	1.7%	2356955	0.30	0.29	3.4%	2356966	0.152	0.143	6.1%	2356981	2.25	2.28	1.3%
La	2356941	17.0	16.0	6.1%	2356955	2.09	2.28	8.7%	2356966	1.2	1.1	8.7%	2356981	30.8	29.9	3.0%
Li	2356941	31	32	3.2%	2356955	13	13	0.0%	2356966	11	11	0.0%	2356981	51	50	2.0%
Lu	2356941	0.22	0.15		2356955	0.10	0.10	0.0%	2356966	0.181	0.161	11.7%	2356981	0.250	0.258	3.1%
Mg	2356941	5.41	5.22	3.6%	2356955	13.9	13.6	2.2%	2356966	5.26	6.19	16.2%	2356981	1.71	1.79	4.6%
Mn	2356941	2040	2030	0.5%	2356955	1330	1340	0.7%	2356966	2540	2510	1.2%	2356981	504	509	1.0%
Mo	2356941	< 2	< 2	0.0%	2356955	< 2	< 2	0.0%	2356966	< 2	< 2	0.0%	2356981	7	6	15.4%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2356941	2	2	0.0%	2356955	1	< 1		2356966	< 1	< 1	0.0%	2356981	7	6	15.4%
Nd	2356941	15.7	16.1	2.5%	2356955	4.15	4.08	1.7%	2356966	2.44	2.68	9.4%	2356981	25.5	25.9	1.6%
Ni	2356941	903	882	2.4%	2356955	1270	1270	0.0%	2356966	1410	1650	15.7%	2356981	89	93	4.4%
P	2356941	0.03	0.03	0.0%	2356955	< 0.01	< 0.01	0.0%	2356966	< 0.01	< 0.01	0.0%	2356981	0.05	0.06	18.2%
Pb	2356941	8	9	11.8%	2356955	5	4	22.2%	2356966	7	8	13.3%	2356981	20	20	0.0%
Pr	2356941	4.00	3.61	10.2%	2356955	0.97	0.90	7.5%	2356966	0.48	0.40	18.2%	2356981	7.38	7.50	1.6%
Rb	2356941	22.1	24.8	11.5%	2356955	16.3	15.8	3.1%	2356966	2.1	2.5	17.4%	2356981	103	104	1.0%
S	2356941	0.23	0.22	4.4%	2356955	0.29	0.29	0.0%	2356966	0.261	0.318	19.7%	2356981	0.208	0.216	3.8%
Sb	2356941	< 0.1	< 0.1	0.0%	2356955	< 0.1	< 0.1	0.0%	2356966	< 0.1	< 0.1	0.0%	2356981	< 0.1	< 0.1	0.0%
Sc	2356941	31	31	0.0%	2356955	20	20	0.0%	2356966	29	36	21.5%	2356981	15	16	6.5%
Si	2356941	25.2	24.9	1.2%	2356955	23.4	23.2	0.9%	2356966	22.4	22.3	0.4%	2356981	29.2	29.8	2.0%
Sm	2356941	2.9	2.7	7.1%	2356955	0.7	1.2		2356966	1.20	1.13	6.0%	2356981	4.51	5.31	16.3%
Sn	2356941	< 1	< 1	0.0%	2356955	< 1	< 1	0.0%	2356966	1	< 1		2356981	< 1	1	
Sr	2356941	466	446	4.4%	2356955	40.7	40.4	0.7%	2356966	237	226	4.8%	2356981	264	266	0.8%
Ta	2356941	< 0.5	< 0.5	0.0%	2356955	< 0.5	< 0.5	0.0%	2356966	< 0.5	< 0.5	0.0%	2356981	< 0.5	< 0.5	0.0%
Tb	2356941	0.37	0.37	0.0%	2356955	0.19	0.21	10.0%	2356966	0.263	0.215	20.1%	2356981	0.480	0.499	3.9%
Th	2356941	2.4	2.3	4.3%	2356955	0.30	0.36	18.2%	2356966	< 0.1	< 0.1	0.0%	2356981	8.6	7.7	11.0%
Ti	2356941	0.33	0.33	0.0%	2356955	0.17	0.17	0.0%	2356966	0.233	0.235	0.9%	2356981	0.35	0.35	0.0%
Tl	2356941	< 0.5	< 0.5	0.0%	2356955	< 0.5	< 0.5	0.0%	2356966	< 0.5	< 0.5	0.0%	2356981	0.54	0.63	15.4%
Tm	2356941	0.19	0.18	5.4%	2356955	0.07	0.10		2356966	0.16	0.11		2356981	0.24	0.24	0.0%
U	2356941	0.63	0.64	1.6%	2356955	0.124	0.129	4.0%	2356966	0.095	0.106	10.9%	2356981	2.56	2.45	4.4%
V	2356941	195	193	1.0%	2356955	121	122	0.8%	2356966	175	210	18.2%	2356981	110	116	5.3%
W	2356941	< 1	< 1	0.0%	2356955	< 1	< 1	0.0%	2356966	< 1	< 1	0.0%	2356981	< 1	< 1	0.0%
Y	2356941	13.6	13.6	0.0%	2356955	9.40	8.84	6.1%	2356966	13.4	13.5	0.7%	2356981	15.0	15.2	1.3%
Yb	2356941	1.1	1.2	8.7%	2356955	0.7	0.7	0.0%	2356966	1.11	1.20	7.8%	2356981	1.42	1.56	9.4%
Zn	2356941	340	276	20.8%	2356955	82	77	6.3%	2356966	65	61	6.3%	2356981	81	79	2.5%
Zr	2356941	80.6	77.4	4.1%	2356955	19.0	18.3	3.8%	2356966	20.8	19.0	9.0%	2356981	146	149	2.0%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O734678

PROJECT: 2021 Surimeau DDH Batch 31

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	7.97	94%	90% - 110%					6.94	6.97	100%	90% - 110%	13.0	13	100%	90% - 110%
As	26	28	107%	90% - 110%												
Ba	540	493	91%	90% - 110%									1310	1303	99%	90% - 110%
Be	4.0	2.9	72%	90% - 110%												
Ca	0.907	0.86	95%	90% - 110%					4.01	4.02	100%	90% - 110%	1.42	1.41	99%	90% - 110%
Ce	98	104	106%	90% - 110%	58.2	61.6	106%	90% - 110%								
Co	15	14	95%	90% - 110%												
Cu	150	147	98%	90% - 110%									6.4	5.2	82%	90% - 110%
Er	3.7	3.9	105%	90% - 110%												
Fe	3.77	3.78	100%	90% - 110%					7.56	7.81	103%	90% - 110%	3.27	3.41	104%	90% - 110%
Ga					22.6	23.9	106%	90% - 110%								
Hf	11	11	100%	90% - 110%												
K	2.55	2.49	98%	90% - 110%					2.02	2.09	103%	90% - 110%	3.68	3.81	104%	90% - 110%
La	44	47	106%	90% - 110%	27.5	29.9	109%	90% - 110%								
Li	47	46	98%	90% - 110%									65.0	70.8	109%	90% - 110%
Lu	0.6	0.5	91%	90% - 110%												
Mg	1.1	1	92%	90% - 110%					2.41	2.28	95%	90% - 110%				
Mn	780	749	96%	90% - 110%												
Mo	14	14	97%	90% - 110%												
Nb	20	21	104%	90% - 110%	22.6	22.8	101%	90% - 110%								
Nd					27.3	27.6	101%	90% - 110%								
P													0.061	0.057	93%	90% - 110%
Pb	31	34	110%	90% - 110%												
Rb	144	152	105%	90% - 110%	85.4	94.3	110%	90% - 110%								
Sb	0.8	0.7	87%	90% - 110%												
Sc	12	12	98%	90% - 110%												
Si	28.4	28.9	102%	90% - 110%					23.65	24.81	105%	90% - 110%	24.4	25.9	106%	90% - 110%
Sm	7.4	8.9	121%	90% - 110%												
Sr	144	148	103%	90% - 110%									310	331	107%	90% - 110%
Ta	1.9	1.8	94%	90% - 110%												
Tb	1.2	1.1	93%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Th	18.4	20.3	110%	90% - 110%												
Ti	0.527	0.504	96%	90% - 110%									0.222	0.22	99%	90% - 110%
U	5.7	5.9	103%	90% - 110%												
V	77	77	100%	90% - 110%												
W	5	5	92%	90% - 110%												
Y	40	42	105%	90% - 110%	25.3	26.3	104%	90% - 110%								
Yb					2.66	3.1	117%	90% - 110%								
Zn	130	118	91%	90% - 110%									75.4	82.4	109%	90% - 110%
Zr	390	380	98%	90% - 110%	157	156	99%	90% - 110%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O734678

PROJECT: 2021 Surimeau DDH Batch 31

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O734678

PROJECT: 2021 Surimeau DDH Batch 31

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O734678

PROJECT: 2021 Surimeau DDH Batch 31

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 33

AGAT WORK ORDER: 21O734683

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Jul 19, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734683

PROJECT: 2021 Surimeau DDH Batch 33

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 19, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
47101 (2356992)	2.48
47102 (2356993)	0.82
47103 (2356994)	2.66
47104 (2356995)	4.19
47105 (2356996)	4.30
47106 (2356997)	4.08
47107 (2356998)	3.58
47108 (2356999)	3.87
47109 (2357000)	4.53
47110 (2357001)	2.73
47111 (2357002)	2.51
47112 C-DUP (2357003)	-
47113 (2357004)	3.41
47114 (2357005)	1.89
47115 (2357006)	1.98
47116 (2357007)	2.67
47117 (2357008)	2.24
47118 (2357009)	3.52
47119 (2357010)	4.91
47120 (2357011)	3.28
47121 (2357012)	1.75
47122 (2357013)	0.84
47123 (2357014)	2.49
47124 (2357015)	3.16
47125 (2357016)	4.49
47126 (2357017)	4.40
47127 (2357018)	4.40
47128 (2357019)	4.65
47129 (2357020)	4.87
47130 (2357021)	4.49
47131 (2357022)	3.15

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734683

PROJECT: 2021 Surimeau DDH Batch 33

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 19, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
47132 (2357023)	2.35
47133 (2357024)	2.03
47134 (2357025)	4.37
47135 (2357026)	2.72
47136 (2357027)	4.58
47137 (2357028)	4.22
47138 (2357029)	4.63
47139 (2357030)	4.81
47140 (2357031)	3.09
47141 (2357032)	1.49
47142 (2357033)	1.48
47143 (2357034)	4.77
47144 (2357035)	4.85
47145 C-DUP (2357036)	-
47146 (2357037)	4.96
47147 (2357038)	4.29
47148 (2357039)	4.50
47149 (2357040)	4.85
47150 (2357041)	1.09

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734683

PROJECT: 2021 Surimeau DDH Batch 33

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 19, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
47101 (2356992)	<1	8.89	<5	<20	1240	5	0.5	1.17	0.4	74.7	28.9	0.027	3.0	64
47102 (2356993)	<1	0.03	<5	<20	17.0	<5	<0.1	36.7	<0.2	1.1	1.3	<0.005	<0.1	<5
47103 (2356994)	<1	7.39	<5	<20	1030	5	0.3	3.07	0.3	158	19.4	0.028	3.4	33
47104 (2356995)	<1	8.39	<5	<20	743	<5	0.4	1.65	<0.2	64.5	22.2	0.032	4.6	75
47105 (2356996)	<1	9.14	<5	24	946	<5	0.7	1.77	0.3	67.9	30.6	0.030	5.9	90
47106 (2356997)	<1	9.47	<5	148	1140	<5	1.6	1.11	<0.2	50.8	27.5	0.028	4.7	85
47107 (2356998)	2	7.70	<5	<20	701	5	6.7	3.98	12.2	50.6	68.5	0.027	1.8	268
47108 (2356999)	<1	7.58	<5	<20	2150	<5	0.4	4.35	0.6	120	26.1	0.017	1.7	47
47109 (2357000)	<1	7.56	<5	<20	1670	<5	0.3	4.49	<0.2	112	28.6	0.030	1.0	65
47110 (2357001)	1	7.97	<5	<20	296	<5	5.9	1.58	10.9	56.0	62.3	0.024	1.3	334
47111 (2357002)	<1	7.88	<5	<20	429	<5	1.2	2.44	1.7	55.5	32.2	0.033	0.3	231
47112 C-DUP (2357003)	<1	7.86	<5	<20	434	<5	1.1	2.45	1.8	54.0	31.4	0.034	0.4	236
47113 (2357004)	<1	8.45	<5	<20	459	6	1.9	2.34	32.4	55.6	117	0.027	0.7	484
47114 (2357005)	<1	10.4	<5	<20	309	9	0.4	3.26	0.2	65.5	27.4	0.030	3.9	152
47115 (2357006)	<1	10.2	<5	<20	300	7	0.5	3.27	0.4	65.6	26.9	0.031	1.8	186
47116 (2357007)	<1	9.44	<5	<20	284	<5	1.3	1.51	13.1	65.2	101	0.022	4.7	470
47117 (2357008)	<1	9.76	<5	<20	781	7	1.5	2.22	31.1	99.0	109	0.024	6.9	695
47118 (2357009)	<1	5.10	<5	<20	1030	<5	5.1	3.40	0.5	5.8	79.8	0.196	46.5	30
47119 (2357010)	<1	3.81	<5	<20	525	<5	1.7	5.15	0.3	1.1	74.5	0.181	31.3	<5
47120 (2357011)	<1	3.31	<5	<20	452	<5	9.3	5.48	0.6	1.9	75.6	0.199	29.4	<5
47121 (2357012)	<1	3.29	<5	<20	341	<5	1.8	4.86	0.3	1.1	87.3	0.217	40.1	59
47122 (2357013)	<1	0.07	<5	<20	21.8	<5	<0.1	37.5	<0.2	1.0	0.9	<0.005	0.2	<5
47123 (2357014)	<1	2.97	<5	<20	110	<5	3.8	6.42	0.2	2.4	86.6	0.203	9.4	69
47124 (2357015)	<1	3.76	<5	<20	23.2	<5	1.2	7.32	<0.2	2.7	93.7	0.227	1.1	47
47125 (2357016)	<1	3.27	<5	<20	3.5	<5	2.8	5.89	<0.2	1.8	90.4	0.224	<0.1	40
47126 (2357017)	<1	2.36	<5	<20	0.6	<5	2.3	5.09	0.4	1.9	83.0	0.186	0.1	7
47127 (2357018)	<1	2.54	<5	<20	1.7	<5	1.8	5.85	0.3	1.7	87.6	0.211	0.3	26
47128 (2357019)	<1	3.28	<5	<20	3.1	<5	2.6	3.85	<0.2	0.8	103	0.235	0.1	36
47129 (2357020)	<1	3.29	<5	<20	2.0	<5	2.4	5.28	0.3	1.4	97.9	0.244	0.2	49
47130 (2357021)	<1	2.99	<5	<20	2.5	<5	2.8	6.58	0.3	2.3	92.2	0.217	0.2	49
47131 (2357022)	<1	2.34	11	<20	2.7	<5	5.2	6.97	0.3	2.3	79.7	0.174	0.2	54
47132 (2357023)	<1	2.97	<5	<20	16.1	<5	1.2	5.97	0.4	1.3	91.1	0.227	1.5	65

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734683

PROJECT: 2021 Surimeau DDH Batch 33

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 19, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
47133 (2357024)	<1	3.30	<5	<20	354	<5	1.4	5.71	<0.2	1.9	79.1	0.232	26.6	51
47134 (2357025)	<1	3.26	<5	<20	435	<5	3.2	5.96	0.3	4.6	74.2	0.192	30.0	24
47135 (2357026)	<1	3.72	<5	<20	657	<5	4.0	4.93	0.4	6.7	76.5	0.193	39.1	15
47136 (2357027)	<1	3.14	<5	<20	129	<5	1.3	4.72	0.3	1.7	88.3	0.228	7.2	45
47137 (2357028)	<1	2.90	<5	<20	4.5	<5	1.5	5.10	0.2	1.6	87.3	0.213	0.5	15
47138 (2357029)	<1	3.12	<5	<20	2.3	<5	1.9	4.25	<0.2	1.5	93.0	0.228	0.3	12
47139 (2357030)	<1	3.16	<5	<20	1.9	<5	1.1	5.27	0.3	1.3	95.1	0.230	0.1	58
47140 (2357031)	<1	2.67	<5	<20	3.0	<5	2.1	7.91	0.3	1.9	92.0	0.222	0.4	83
47141 (2357032)	<1	2.12	<5	<20	14.0	<5	0.7	11.9	<0.2	4.1	72.3	0.180	0.4	80
47142 (2357033)	<1	2.06	<5	<20	16.9	<5	0.8	12.3	0.4	4.3	71.5	0.176	1.0	79
47143 (2357034)	<1	3.14	<5	<20	2.7	<5	2.5	4.84	<0.2	1.1	88.5	0.222	0.6	73
47144 (2357035)	<1	2.73	<5	<20	3.0	<5	1.6	3.88	0.2	1.8	87.3	0.211	0.3	45
47145 C-DUP (2357036)	<1	3.02	<5	<20	2.9	<5	1.3	4.27	0.3	1.6	89.1	0.213	0.4	44
47146 (2357037)	<1	3.26	<5	<20	2.3	<5	1.1	3.90	0.4	1.0	97.2	0.243	0.5	53
47147 (2357038)	<1	3.63	<5	<20	2.8	<5	1.4	3.86	<0.2	1.8	96.8	0.238	0.8	48
47148 (2357039)	<1	3.00	<5	<20	2.6	<5	1.3	4.28	<0.2	1.6	85.4	0.213	0.4	54
47149 (2357040)	<1	2.82	<5	<20	16.2	<5	1.4	4.32	0.2	2.4	72.9	0.195	1.7	42
47150 (2357041)	<1	3.37	<5	<20	586	<5	0.8	3.48	0.3	1.5	79.9	0.198	48.8	34

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734683

PROJECT: 2021 Surimeau DDH Batch 33

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 19, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
47101 (2356992)	3.12	1.82	1.30	4.97	24.3	4.32	1	4	0.69	<0.2	1.69	35.3	43	0.20
47102 (2356993)	<0.05	0.07	<0.05	0.10	<0.01	<0.05	<1	<1	<0.05	<0.2	<0.05	1.2	<10	<0.05
47103 (2356994)	5.93	2.96	1.99	3.86	23.0	8.76	2	7	1.12	<0.2	1.82	74.5	45	0.36
47104 (2356995)	2.32	1.09	1.19	3.71	19.7	3.52	1	3	0.53	<0.2	1.30	31.5	41	0.17
47105 (2356996)	3.17	2.11	1.42	4.71	26.2	5.01	2	4	0.81	<0.2	1.63	31.6	54	0.21
47106 (2356997)	3.33	1.88	1.06	4.64	25.8	3.81	2	3	0.59	<0.2	1.65	24.3	57	0.26
47107 (2356998)	4.26	2.80	2.15	6.92	30.0	5.53	1	4	0.84	0.9	0.56	18.6	22	0.41
47108 (2356999)	5.08	1.99	2.34	4.90	22.2	9.13	1	5	0.88	0.2	1.82	53.8	19	0.22
47109 (2357000)	3.98	1.74	1.93	5.10	19.9	6.51	1	4	0.62	0.2	0.99	52.5	24	0.20
47110 (2357001)	3.13	1.92	1.54	5.49	21.7	3.37	1	3	0.63	1.9	0.47	26.4	23	0.29
47111 (2357002)	2.34	1.20	1.32	3.79	21.1	3.05	1	3	0.44	0.4	0.21	27.9	<10	0.21
47112 C-DUP (2357003)	2.58	1.24	1.20	3.83	20.8	3.15	1	4	0.56	0.4	0.22	26.7	10	0.22
47113 (2357004)	3.60	2.24	1.96	8.69	28.4	3.88	1	4	0.65	8.0	0.27	26.6	15	0.21
47114 (2357005)	2.53	1.63	1.59	3.23	24.0	3.77	1	5	0.55	<0.2	0.43	31.3	28	0.19
47115 (2357006)	2.67	1.51	1.32	3.49	24.4	3.71	1	4	0.60	0.2	0.28	33.1	20	0.25
47116 (2357007)	3.46	2.24	2.01	8.14	22.2	4.18	1	4	0.78	0.8	0.44	30.9	33	0.34
47117 (2357008)	3.77	2.26	2.46	7.54	21.7	5.27	1	7	0.73	2.7	0.69	46.7	40	0.37
47118 (2357009)	1.83	1.24	0.46	8.68	26.4	1.24	3	<1	0.37	0.3	3.94	2.7	210	0.15
47119 (2357010)	0.79	0.64	0.10	6.06	17.1	0.71	3	<1	0.17	<0.2	2.91	0.3	167	<0.05
47120 (2357011)	1.15	0.84	0.17	6.59	17.0	0.73	3	<1	0.24	<0.2	2.53	0.5	138	0.11
47121 (2357012)	0.77	0.52	<0.05	6.57	11.8	0.52	3	<1	0.22	<0.2	3.22	0.3	139	0.12
47122 (2357013)	0.12	0.12	<0.05	0.12	0.14	<0.05	<1	<1	<0.05	<0.2	0.07	0.9	<10	<0.05
47123 (2357014)	1.12	0.69	0.18	7.12	8.22	0.82	3	<1	0.31	<0.2	0.86	1.1	46	0.09
47124 (2357015)	1.36	1.05	0.23	8.14	8.11	0.82	2	<1	0.32	<0.2	0.16	1.1	18	0.10
47125 (2357016)	1.29	0.69	0.14	7.27	7.63	0.76	2	<1	0.23	<0.2	<0.05	0.6	<10	0.09
47126 (2357017)	0.97	0.64	0.09	6.45	5.85	0.67	2	<1	0.28	<0.2	<0.05	0.7	<10	0.05
47127 (2357018)	0.84	0.56	0.12	6.60	5.99	0.81	2	<1	0.21	<0.2	<0.05	0.7	<10	0.06
47128 (2357019)	0.82	0.66	0.08	7.78	7.90	0.27	2	<1	0.19	<0.2	<0.05	0.2	<10	0.05
47129 (2357020)	1.05	0.67	0.20	7.36	8.03	0.69	2	<1	0.24	<0.2	<0.05	0.6	<10	0.09
47130 (2357021)	1.09	0.85	0.11	7.18	6.90	0.95	2	<1	0.30	<0.2	<0.05	0.7	<10	<0.05
47131 (2357022)	1.14	0.90	0.18	6.54	6.22	0.95	3	<1	0.32	<0.2	<0.05	0.7	<10	0.13
47132 (2357023)	1.37	0.65	0.23	7.13	8.05	0.54	3	<1	0.24	<0.2	0.11	0.4	13	0.11

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734683

PROJECT: 2021 Surimeau DDH Batch 33

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 19, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
47133 (2357024)	1.30	0.80	0.32	6.83	8.89	0.84	3	<1	0.25	<0.2	2.29	0.5	118	0.09
47134 (2357025)	1.37	1.31	0.46	6.89	13.3	1.34	4	<1	0.40	<0.2	2.18	1.6	144	0.08
47135 (2357026)	1.30	0.85	0.41	6.91	16.5	1.27	3	<1	0.31	<0.2	3.12	2.6	202	0.10
47136 (2357027)	1.09	1.04	0.15	7.05	7.99	0.91	2	<1	0.28	<0.2	0.67	0.5	40	0.06
47137 (2357028)	1.06	0.75	0.11	6.73	6.77	0.77	2	<1	0.28	<0.2	<0.05	0.7	<10	0.15
47138 (2357029)	0.97	0.50	0.12	7.01	7.73	0.70	2	<1	0.24	<0.2	<0.05	0.5	<10	0.06
47139 (2357030)	0.91	0.64	0.11	7.00	7.06	0.77	2	<1	0.24	<0.2	<0.05	0.8	<10	0.09
47140 (2357031)	0.91	0.64	0.19	6.87	5.56	0.62	2	<1	0.25	<0.2	<0.05	0.6	<10	0.07
47141 (2357032)	1.45	1.07	0.66	6.31	4.31	1.28	1	<1	0.39	<0.2	0.06	1.8	<10	0.16
47142 (2357033)	1.51	0.97	0.51	6.22	4.29	1.16	1	<1	0.35	<0.2	0.08	2.0	<10	0.19
47143 (2357034)	1.13	0.74	0.16	7.17	7.84	0.57	3	<1	0.25	<0.2	<0.05	0.5	<10	0.08
47144 (2357035)	0.95	0.84	0.14	6.54	7.28	0.46	2	<1	0.24	<0.2	<0.05	0.6	<10	0.08
47145 C-DUP (2357036)	0.83	0.73	<0.05	7.19	7.03	0.61	2	<1	0.29	<0.2	<0.05	0.5	<10	0.10
47146 (2357037)	0.99	0.68	0.12	7.64	6.87	0.88	2	<1	0.24	<0.2	<0.05	0.3	<10	0.08
47147 (2357038)	1.20	0.88	0.10	7.60	8.52	0.92	2	<1	0.28	<0.2	<0.05	0.7	<10	0.10
47148 (2357039)	0.83	0.62	0.06	6.66	7.30	0.54	3	<1	0.19	<0.2	<0.05	0.5	<10	0.08
47149 (2357040)	1.38	0.80	0.11	6.45	7.91	0.71	3	<1	0.25	<0.2	0.09	0.8	<10	0.14
47150 (2357041)	1.03	0.80	<0.05	6.42	16.3	0.63	3	<1	0.25	<0.2	3.07	0.3	182	0.09

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734683

PROJECT: 2021 Surimeau DDH Batch 33

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 19, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
47101 (2356992)	1.90	397	15	9	33.3	135	0.05	23	8.55	67.9	3.05	0.2	17	28.5
47102 (2356993)	1.18	105	<2	<1	0.8	<5	<0.01	<5	0.19	0.7	0.56	<0.1	<5	3.77
47103 (2356994)	3.61	683	15	13	72.3	106	0.13	22	19.6	82.2	1.51	<0.1	15	29.0
47104 (2356995)	1.94	459	16	6	28.3	92	0.07	22	7.39	68.1	1.39	<0.1	16	30.2
47105 (2356996)	2.57	620	192	8	35.5	134	0.11	35	8.30	88.8	1.66	<0.1	20	27.4
47106 (2356997)	2.09	442	26	7	25.1	120	0.05	61	6.50	82.4	1.69	<0.1	20	28.1
47107 (2356998)	2.07	871	1560	11	32.0	258	0.09	238	8.13	27.5	3.64	0.1	15	26.2
47108 (2356999)	2.86	899	37	8	64.0	55	0.21	41	15.7	50.1	1.19	<0.1	18	27.3
47109 (2357000)	3.68	988	15	7	54.7	64	0.17	33	13.6	29.0	1.39	<0.1	19	26.5
47110 (2357001)	0.93	510	348	8	26.2	206	0.05	186	6.90	20.3	3.27	0.1	14	29.2
47111 (2357002)	0.82	673	24	6	22.5	115	0.05	26	6.30	6.1	2.02	<0.1	14	30.7
47112 C-DUP (2357003)	0.79	660	25	5	24.8	118	0.06	27	6.00	6.4	2.07	<0.1	14	30.9
47113 (2357004)	0.80	671	47	9	26.3	381	0.07	23	7.23	9.5	5.65	<0.1	15	25.4
47114 (2357005)	1.17	659	37	12	27.7	99	0.08	38	8.03	16.8	0.75	<0.1	15	28.4
47115 (2357006)	1.15	743	98	10	27.3	156	0.08	34	8.19	7.3	0.92	<0.1	16	28.4
47116 (2357007)	0.79	451	20	7	28.6	469	<0.01	41	7.50	16.3	4.33	<0.1	17	26.4
47117 (2357008)	1.22	308	1010	5	41.8	609	0.06	46	10.9	29.4	4.42	<0.1	14	25.7
47118 (2357009)	10.5	1370	2400	4	3.9	818	<0.01	5	1.00	180	0.49	0.1	22	21.7
47119 (2357010)	10.8	1230	4	2	1.0	1000	<0.01	<5	0.08	135	0.09	<0.1	18	23.8
47120 (2357011)	11.9	1350	4	2	1.7	1110	<0.01	<5	0.33	119	0.16	<0.1	19	24.0
47121 (2357012)	13.0	1160	2	<1	1.2	1250	<0.01	<5	0.18	160	0.90	<0.1	19	23.8
47122 (2357013)	2.08	111	<2	<1	0.5	<5	<0.01	<5	0.18	1.7	0.59	<0.1	<5	2.93
47123 (2357014)	13.1	1390	27	<1	1.9	1210	0.03	<5	0.32	36.9	1.63	<0.1	20	22.2
47124 (2357015)	13.6	1810	<2	<1	2.1	882	<0.01	<5	0.26	8.6	1.99	0.1	26	17.5
47125 (2357016)	14.7	1460	<2	<1	1.7	1230	<0.01	<5	0.22	0.9	1.45	0.2	23	20.1
47126 (2357017)	16.4	1300	<2	<1	1.8	1310	<0.01	<5	0.27	<0.2	0.36	0.1	17	20.5
47127 (2357018)	15.6	1300	<2	<1	1.8	1410	<0.01	<5	0.17	0.4	0.89	0.2	19	20.4
47128 (2357019)	16.4	1290	<2	<1	0.9	1480	<0.01	<5	0.16	<0.2	0.97	0.1	23	21.5
47129 (2357020)	15.4	1150	<2	<1	1.1	1350	<0.01	<5	0.18	0.4	1.32	0.2	23	20.6
47130 (2357021)	15.5	1320	<2	<1	2.0	1210	<0.01	<5	0.29	0.4	1.30	0.2	21	19.0
47131 (2357022)	14.3	1250	<2	<1	1.9	1150	<0.01	<5	0.25	0.3	1.33	0.1	19	22.6
47132 (2357023)	14.2	1230	<2	<1	0.9	1330	<0.01	<5	0.18	3.5	1.49	<0.1	22	23.4

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734683

PROJECT: 2021 Surimeau DDH Batch 33

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 19, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
47133 (2357024)	13.5	1180	<2	<1	1.3	971	<0.01	<5	0.20	100	0.96	0.1	24	24.2
47134 (2357025)	12.1	1400	<2	2	3.7	962	0.01	<5	0.71	105	0.33	<0.1	21	23.9
47135 (2357026)	11.3	1190	<2	2	4.8	946	<0.01	<5	0.97	159	0.20	<0.1	22	23.4
47136 (2357027)	14.8	1240	<2	<1	1.3	1260	<0.01	<5	0.32	32.4	0.66	<0.1	23	22.6
47137 (2357028)	14.1	1340	<2	<1	1.8	1300	<0.01	<5	0.24	0.7	0.43	<0.1	20	21.1
47138 (2357029)	15.4	1220	<2	<1	1.3	1450	<0.01	<5	0.20	0.3	0.33	<0.1	20	20.3
47139 (2357030)	14.0	1170	<2	<1	1.1	1370	<0.01	<5	0.16	0.7	0.81	<0.1	22	18.9
47140 (2357031)	13.7	1330	<2	<1	1.3	1490	0.02	<5	0.10	<0.2	1.17	<0.1	19	17.5
47141 (2357032)	12.3	1890	<2	<1	2.6	850	0.03	<5	0.50	1.8	1.27	0.1	20	13.8
47142 (2357033)	11.4	1990	<2	<1	3.1	837	0.06	5	0.63	3.8	1.32	0.2	18	11.7
47143 (2357034)	15.0	1140	<2	<1	1.7	1180	<0.01	<5	0.28	0.5	1.22	0.2	21	22.4
47144 (2357035)	14.8	1060	<2	<1	1.7	1110	<0.01	<5	0.31	0.2	0.90	0.1	21	19.6
47145 C-DUP (2357036)	16.0	1170	<2	<1	1.8	1130	<0.01	<5	0.25	1.0	0.89	<0.1	21	21.5
47146 (2357037)	14.7	1190	<2	<1	1.2	1340	<0.01	<5	0.23	0.6	1.20	0.1	24	20.4
47147 (2357038)	15.6	1210	<2	<1	1.3	1260	<0.01	<5	0.27	<0.2	1.10	0.1	23	20.5
47148 (2357039)	14.4	1160	<2	<1	1.3	1220	<0.01	<5	0.16	0.6	0.99	0.2	20	21.9
47149 (2357040)	14.0	1250	<2	<1	1.7	995	<0.01	<5	0.32	2.9	0.79	0.2	23	21.9
47150 (2357041)	13.7	1040	<2	2	1.8	1010	<0.01	<5	0.29	148	0.60	0.1	23	23.1

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734683

PROJECT: 2021 Surimeau DDH Batch 33

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 19, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
47101 (2356992)	5.7	2	407	1.0	0.57	9.5	0.37	0.9	0.26	3.01	118	<1	16.5	1.7
47102 (2356993)	0.2	<1	80.3	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.08	<5	<1	2.4	0.1
47103 (2356994)	11.9	2	394	1.4	1.05	20.4	0.31	1.1	0.43	6.11	98	<1	28.9	2.9
47104 (2356995)	4.9	1	415	0.7	0.51	7.4	0.35	1.1	0.22	2.66	115	<1	15.2	1.4
47105 (2356996)	6.6	2	463	0.8	0.71	7.8	0.39	1.6	0.27	2.95	128	<1	19.6	1.9
47106 (2356997)	4.3	1	333	0.7	0.60	7.6	0.40	1.5	0.24	2.59	122	<1	17.4	1.6
47107 (2356998)	6.5	3	932	0.7	0.79	8.6	0.29	<0.5	0.38	8.93	76	3	26.5	2.8
47108 (2356999)	13.0	5	1640	0.7	1.02	8.8	0.40	0.7	0.27	3.17	132	<1	23.4	1.8
47109 (2357000)	8.8	3	1400	<0.5	0.75	8.1	0.42	<0.5	0.21	2.12	143	<1	19.9	1.4
47110 (2357001)	5.2	8	262	0.6	0.56	7.6	0.30	0.6	0.31	4.49	82	<1	17.8	1.9
47111 (2357002)	3.8	6	135	0.6	0.47	7.1	0.32	<0.5	0.18	2.27	100	<1	13.5	1.3
47112 C-DUP (2357003)	3.5	6	134	0.6	0.46	7.1	0.32	<0.5	0.21	2.22	101	<1	13.8	1.3
47113 (2357004)	5.2	6	230	0.8	0.68	5.2	0.35	<0.5	0.30	2.06	102	<1	18.1	1.9
47114 (2357005)	5.2	4	731	0.7	0.46	8.3	0.33	<0.5	0.23	3.05	102	<1	14.9	1.7
47115 (2357006)	5.6	4	517	0.8	0.60	7.9	0.35	<0.5	0.27	2.80	110	<1	16.6	1.5
47116 (2357007)	6.3	<1	280	0.9	0.56	8.8	0.31	<0.5	0.34	4.39	51	<1	19.6	2.2
47117 (2357008)	7.1	2	1470	0.6	0.77	14.0	0.23	<0.5	0.35	8.93	56	2	18.4	2.2
47118 (2357009)	1.2	5	46.1	<0.5	0.24	0.9	0.42	2.5	0.17	0.67	228	1	9.6	1.1
47119 (2357010)	0.3	2	34.1	<0.5	0.11	<0.1	0.15	1.7	0.08	0.08	122	<1	5.3	0.5
47120 (2357011)	0.5	3	35.3	<0.5	0.16	<0.1	0.19	1.5	0.09	0.07	152	<1	6.1	0.8
47121 (2357012)	0.8	<1	21.7	<0.5	0.16	<0.1	0.17	2.0	0.08	0.05	125	<1	5.4	0.6
47122 (2357013)	<0.1	<1	79.9	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.07	<5	<1	2.3	<0.1
47123 (2357014)	0.5	1	49.5	<0.5	0.18	<0.1	0.16	0.5	0.11	0.07	126	<1	7.1	0.7
47124 (2357015)	0.4	2	126	<0.5	0.23	<0.1	0.20	<0.5	0.13	<0.05	155	<1	8.6	0.9
47125 (2357016)	0.4	<1	97.7	<0.5	0.18	<0.1	0.19	<0.5	0.16	<0.05	139	<1	8.0	0.8
47126 (2357017)	0.4	<1	195	<0.5	0.16	<0.1	0.13	<0.5	0.09	<0.05	96	<1	6.0	0.7
47127 (2357018)	0.4	<1	135	<0.5	0.15	<0.1	0.14	<0.5	0.11	<0.05	111	<1	6.1	0.7
47128 (2357019)	0.4	<1	41.2	<0.5	0.11	<0.1	0.19	<0.5	0.07	<0.05	135	<1	4.7	0.5
47129 (2357020)	0.6	<1	80.9	<0.5	0.15	<0.1	0.20	<0.5	0.12	<0.05	144	<1	6.8	0.8
47130 (2357021)	0.6	<1	155	<0.5	0.27	<0.1	0.18	<0.5	0.10	<0.05	126	<1	8.0	0.9
47131 (2357022)	0.6	<1	78.9	<0.5	0.22	<0.1	0.12	<0.5	0.10	<0.05	106	<1	8.0	0.8
47132 (2357023)	0.3	1	29.1	<0.5	0.17	<0.1	0.18	<0.5	0.08	0.09	121	<1	6.8	0.8

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734683

PROJECT: 2021 Surimeau DDH Batch 33

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 19, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
47133 (2357024)	0.5	<1	32.3	<0.5	0.14	<0.1	0.20	1.3	0.11	0.06	139	<1	7.2	0.8
47134 (2357025)	0.8	3	44.1	<0.5	0.27	0.2	0.20	1.3	0.15	0.16	158	<1	10.8	1.1
47135 (2357026)	1.5	2	35.3	<0.5	0.26	0.6	0.24	1.9	0.12	0.22	151	<1	8.7	0.8
47136 (2357027)	0.4	<1	46.7	<0.5	0.17	<0.1	0.17	<0.5	0.09	<0.05	131	<1	7.3	0.8
47137 (2357028)	0.6	<1	101	<0.5	0.18	<0.1	0.16	<0.5	0.11	<0.05	119	<1	6.5	0.8
47138 (2357029)	0.5	<1	117	<0.5	0.10	<0.1	0.18	<0.5	0.08	<0.05	130	<1	5.9	0.7
47139 (2357030)	0.4	<1	133	<0.5	0.11	<0.1	0.19	<0.5	0.15	<0.05	130	<1	7.9	0.6
47140 (2357031)	0.2	<1	250	<0.5	0.18	<0.1	0.17	<0.5	0.09	<0.05	118	<1	5.8	0.7
47141 (2357032)	0.8	<1	365	<0.5	0.22	<0.1	0.16	<0.5	0.14	<0.05	96	<1	11.2	1.0
47142 (2357033)	0.8	<1	506	<0.5	0.29	<0.1	0.15	<0.5	0.12	<0.05	93	<1	11.4	0.9
47143 (2357034)	0.6	<1	29.1	<0.5	0.16	<0.1	0.19	<0.5	0.15	<0.05	133	<1	7.5	0.8
47144 (2357035)	0.6	<1	80.8	<0.5	0.16	<0.1	0.16	<0.5	0.13	<0.05	126	<1	6.3	0.6
47145 C-DUP (2357036)	0.3	<1	89.1	<0.5	0.20	<0.1	0.17	<0.5	0.11	<0.05	130	<1	6.8	0.7
47146 (2357037)	0.1	2	87.1	<0.5	0.15	<0.1	0.19	<0.5	0.09	<0.05	139	<1	6.4	0.7
47147 (2357038)	0.6	<1	86.6	<0.5	0.22	<0.1	0.20	<0.5	0.12	<0.05	148	<1	6.4	0.7
47148 (2357039)	0.6	<1	49.0	<0.5	0.18	<0.1	0.16	<0.5	0.09	0.06	127	1	7.0	0.7
47149 (2357040)	0.5	<1	64.9	<0.5	0.17	<0.1	0.14	<0.5	0.11	0.09	131	<1	8.1	0.8
47150 (2357041)	0.5	<1	27.8	<0.5	0.18	<0.1	0.18	1.8	0.08	0.16	125	<1	6.2	0.6

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734683

PROJECT: 2021 Surimeau DDH Batch 33

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 19, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
47101 (2356992)	108	148
47102 (2356993)	<5	2.1
47103 (2356994)	110	264
47104 (2356995)	108	131
47105 (2356996)	211	136
47106 (2356997)	123	125
47107 (2356998)	3150	135
47108 (2356999)	216	183
47109 (2357000)	149	165
47110 (2357001)	5290	131
47111 (2357002)	928	129
47112 C-DUP (2357003)	944	136
47113 (2357004)	16800	145
47114 (2357005)	222	168
47115 (2357006)	236	155
47116 (2357007)	3010	162
47117 (2357008)	8900	235
47118 (2357009)	1170	27.6
47119 (2357010)	599	12.1
47120 (2357011)	547	11.2
47121 (2357012)	120	16.1
47122 (2357013)	<5	1.7
47123 (2357014)	73	13.8
47124 (2357015)	66	18.7
47125 (2357016)	58	18.6
47126 (2357017)	55	12.2
47127 (2357018)	53	10.0
47128 (2357019)	57	14.8
47129 (2357020)	50	13.0
47130 (2357021)	55	21.1
47131 (2357022)	53	7.8
47132 (2357023)	64	15.9

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734683

PROJECT: 2021 Surimeau DDH Batch 33

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 19, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
47133 (2357024)	77	12.8
47134 (2357025)	256	22.4
47135 (2357026)	290	25.2
47136 (2357027)	71	13.0
47137 (2357028)	62	9.5
47138 (2357029)	52	15.5
47139 (2357030)	46	12.8
47140 (2357031)	46	12.6
47141 (2357032)	36	11.5
47142 (2357033)	33	17.4
47143 (2357034)	52	11.6
47144 (2357035)	47	14.1
47145 C-DUP (2357036)	55	20.2
47146 (2357037)	49	17.1
47147 (2357038)	52	14.6
47148 (2357039)	58	14.0
47149 (2357040)	51	11.6
47150 (2357041)	80	13.5

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734683

PROJECT: 2021 Surimeau DDH Batch 33

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 19, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
47101 (2356992)	86.19
47120 (2357011)	80.78
47140 (2357031)	81.88

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734683

PROJECT: 2021 Surimeau DDH Batch 33

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Jul 19, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
47101 (2356992)	88.38
47124 (2357015)	88.32
47148 (2357039)	87.78

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O734683

PROJECT: 2021 Surimeau DDH Batch 33

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2356992	< 1	< 1	0.0%	2357006	< 1	< 1	0.0%	2357017	< 1	< 1	0.0%	2357032	< 1	< 1	0.0%
Al	2356992	8.89	8.69	2.3%	2357006	10.2	10.2	0.0%	2357017	2.36	2.25	4.8%	2357032	2.12	2.12	0.0%
As	2356992	< 5	< 5	0.0%	2357006	< 5	< 5	0.0%	2357017	< 5	< 5	0.0%	2357032	< 5	< 5	0.0%
B	2356992	< 20	< 20	0.0%	2357006	< 20	< 20	0.0%	2357017	< 20	< 20	0.0%	2357032	< 20	< 20	0.0%
Ba	2356992	1240	1210	2.4%	2357006	300	298	0.7%	2357017	0.6	< 0.5		2357032	14.0	13.4	4.4%
Be	2356992	5	< 5		2357006	7	6	15.4%	2357017	< 5	< 5	0.0%	2357032	< 5	< 5	0.0%
Bi	2356992	0.5	0.5	0.0%	2357006	0.5	0.4	22.2%	2357017	2.3	2.05	11.5%	2357032	0.7	0.8	13.3%
Ca	2356992	1.17	1.04	11.8%	2357006	3.27	3.28	0.3%	2357017	5.09	4.93	3.2%	2357032	11.9	11.9	0.0%
Cd	2356992	0.4	< 0.2		2357006	0.4	0.4	0.0%	2357017	0.4	< 0.2		2357032	< 0.2	< 0.2	0.0%
Ce	2356992	74.7	71.5	4.4%	2357006	65.6	67.3	2.6%	2357017	1.9	1.8	5.4%	2357032	4.1	3.6	13.0%
Co	2356992	28.9	29.8	3.1%	2357006	26.9	29.0	7.5%	2357017	83.0	85.5	3.0%	2357032	72.3	73.2	1.2%
Cr	2356992	0.027	0.027	0.0%	2357006	0.0309	0.0292	5.7%	2357017	0.186	0.181	2.7%	2357032	0.180	0.183	1.7%
Cs	2356992	3.0	3.2	6.5%	2357006	1.77	1.64	7.6%	2357017	0.1	0.1	0.0%	2357032	0.4	0.5	22.2%
Cu	2356992	64	57	11.6%	2357006	186	186	0.0%	2357017	7	6	15.4%	2357032	80	81	1.2%
Dy	2356992	3.12	3.45	10.0%	2357006	2.67	2.91	8.6%	2357017	0.97	1.11	13.5%	2357032	1.45	1.84	23.7%
Er	2356992	1.82	1.97	7.9%	2357006	1.51	1.93	24.4%	2357017	0.64	0.513	22.0%	2357032	1.07	1.06	0.9%
Eu	2356992	1.30	1.10	16.7%	2357006	1.32	1.69	24.6%	2357017	0.09	< 0.05		2357032	0.664	0.694	4.4%
Fe	2356992	4.97	4.47	10.6%	2357006	3.49	3.48	0.3%	2357017	6.45	6.31	2.2%	2357032	6.31	6.34	0.5%
Ga	2356992	24.3	23.6	2.9%	2357006	24.4	25.3	3.6%	2357017	5.85	5.74	1.9%	2357032	4.31	4.46	3.4%
Gd	2356992	4.32	4.26	1.4%	2357006	3.71	3.79	2.1%	2357017	0.67	0.573	15.6%	2357032	1.28	1.18	8.1%
Ge	2356992	1	1	0.0%	2357006	1	1	0.0%	2357017	2	2	0.0%	2357032	1	1	0.0%
Hf	2356992	4	4	0.0%	2357006	4	4	0.0%	2357017	< 1	< 1	0.0%	2357032	< 1	< 1	0.0%
Ho	2356992	0.693	0.713	2.8%	2357006	0.60	0.63	4.9%	2357017	0.28	0.24	15.4%	2357032	0.391	0.383	2.1%
In	2356992	< 0.2	< 0.2	0.0%	2357006	0.2	0.2	0.0%	2357017	< 0.2	< 0.2	0.0%	2357032	< 0.2	< 0.2	0.0%
K	2356992	1.69	1.70	0.6%	2357006	0.28	0.27	3.6%	2357017	< 0.05	< 0.05	0.0%	2357032	0.059	0.054	8.8%
La	2356992	35.3	34.0	3.8%	2357006	33.1	32.6	1.5%	2357017	0.7	0.8	13.3%	2357032	1.79	1.96	9.1%
Li	2356992	43	44	2.3%	2357006	20	20	0.0%	2357017	< 10	< 10	0.0%	2357032	< 10	< 10	0.0%
Lu	2356992	0.20	0.24	18.2%	2357006	0.247	0.223	10.2%	2357017	0.05	0.09	57.1%	2357032	0.156	0.124	22.9%
Mg	2356992	1.90	1.93	1.6%	2357006	1.15	1.15	0.0%	2357017	16.4	16.5	0.6%	2357032	12.3	12.6	2.4%
Mn	2356992	397	406	2.2%	2357006	743	719	3.3%	2357017	1300	1250	3.9%	2357032	1890	1870	1.1%
Mo	2356992	15	13	14.3%	2357006	98	92	6.3%	2357017	< 2	< 2	0.0%	2357032	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2356992	9	8	11.8%	2357006	10	11	9.5%	2357017	< 1	< 1	0.0%	2357032	< 1	< 1	0.0%
Nd	2356992	33.3	30.4	9.1%	2357006	27.3	28.9	5.7%	2357017	1.8	1.7	5.7%	2357032	2.63	2.77	5.2%
Ni	2356992	135	110	20.4%	2357006	156	123	23.7%	2357017	1310	1290	1.5%	2357032	850	891	4.7%
P	2356992	0.052	0.042	21.3%	2357006	0.08	0.08	0.0%	2357017	< 0.01	< 0.01	0.0%	2357032	0.03	0.03	0.0%
Pb	2356992	23	24	4.3%	2357006	34	34	0.0%	2357017	< 5	< 5	0.0%	2357032	< 5	< 5	0.0%
Pr	2356992	8.55	7.86	8.4%	2357006	8.19	7.58	7.7%	2357017	0.27	0.288	6.5%	2357032	0.496	0.505	1.8%
Rb	2356992	67.9	69.6	2.5%	2357006	7.35	9.36	24.1%	2357017	< 0.2	< 0.2	0.0%	2357032	1.8	2	10.5%
S	2356992	3.05	2.70	12.2%	2357006	0.925	0.930	0.5%	2357017	0.36	0.36	0.0%	2357032	1.27	1.32	3.9%
Sb	2356992	0.2	< 0.1		2357006	< 0.1	0.1		2357017	0.1	0.2	66.7%	2357032	0.1	< 0.1	
Sc	2356992	17	16	6.1%	2357006	16	16	0.0%	2357017	17	17	0.0%	2357032	20	20	0.0%
Si	2356992	28.5	27.8	2.5%	2357006	28.4	28.5	0.4%	2357017	20.5	20.3	1.0%	2357032	13.8	13.8	0.0%
Sm	2356992	5.67	5.31	6.6%	2357006	5.57	5.10	8.8%	2357017	0.4	0.5	22.2%	2357032	0.8	0.5	
Sn	2356992	2	2	0.0%	2357006	4	5	22.2%	2357017	< 1	< 1	0.0%	2357032	< 1	< 1	0.0%
Sr	2356992	407	400	1.7%	2357006	517	520	0.6%	2357017	195	183	6.3%	2357032	365	363	0.5%
Ta	2356992	0.96	0.85	12.2%	2357006	0.79	0.72	9.3%	2357017	< 0.5	< 0.5	0.0%	2357032	< 0.5	< 0.5	0.0%
Tb	2356992	0.573	0.659	14.0%	2357006	0.599	0.545	9.4%	2357017	0.16	0.179	11.2%	2357032	0.22	0.26	16.7%
Th	2356992	9.5	9.1	4.3%	2357006	7.9	8.0	1.3%	2357017	< 0.1	< 0.1	0.0%	2357032	< 0.1	< 0.1	0.0%
Ti	2356992	0.370	0.351	5.3%	2357006	0.35	0.35	0.0%	2357017	0.13	0.124	4.7%	2357032	0.16	0.15	6.5%
Tl	2356992	0.9	1.0	10.5%	2357006	< 0.5	< 0.5	0.0%	2357017	< 0.5	< 0.5	0.0%	2357032	< 0.5	< 0.5	0.0%
Tm	2356992	0.26	0.26	0.0%	2357006	0.27	0.25	7.7%	2357017	0.09	0.10	10.5%	2357032	0.14	0.15	6.9%
U	2356992	3.01	2.94	2.4%	2357006	2.80	2.73	2.5%	2357017	< 0.05	< 0.05	0.0%	2357032	< 0.05	< 0.05	0.0%
V	2356992	118	110	7.0%	2357006	110	109	0.9%	2357017	96	94	2.1%	2357032	96	97	1.0%
W	2356992	< 1	< 1	0.0%	2357006	< 1	< 1	0.0%	2357017	< 1	< 1	0.0%	2357032	< 1	< 1	0.0%
Y	2356992	16.5	16.9	2.4%	2357006	16.6	16.9	1.8%	2357017	6.0	5.6	6.9%	2357032	11.2	11.2	0.0%
Yb	2356992	1.7	1.7	0.0%	2357006	1.53	1.69	9.9%	2357017	0.7	0.7	0.0%	2357032	1.0	1.0	0.0%
Zn	2356992	108	111	2.7%	2357006	236	227	3.9%	2357017	55	49	11.5%	2357032	36	34	5.7%
Zr	2356992	148	151	2.0%	2357006	155	160	3.2%	2357017	12.2	8.6	34.6%	2357032	11.5	11.6	0.9%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O734683

PROJECT: 2021 Surimeau DDH Batch 33

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.21	97%	90% - 110%					6.94	6.94	100%	90% - 110%	13.0	13	100%	90% - 110%
As	26	24	92%	90% - 110%												
Ba	540	499	92%	90% - 110%									1310	1329	101%	90% - 110%
Be	4.0	3.2	80%	90% - 110%												
Ca	0.907	0.868	96%	90% - 110%					4.01	4.06	101%	90% - 110%	1.42	1.4	99%	90% - 110%
Ce	98	104	106%	90% - 110%	58.2	61	105%	90% - 110%								
Co	15	15	99%	90% - 110%												
Cu	150	146	97%	90% - 110%												
Er	3.7	4.2	112%	90% - 110%												
Fe	3.77	3.88	103%	90% - 110%					7.56	7.9	104%	90% - 110%	3.27	3.37	103%	90% - 110%
Ga					22.6	21.4	95%	90% - 110%								
Hf	11	10	93%	90% - 110%												
K	2.55	2.46	96%	90% - 110%					2.02	2.01	99%	90% - 110%	3.68	3.75	102%	90% - 110%
La	44	46	104%	90% - 110%	27.5	27.7	101%	90% - 110%								
Li	47	49	104%	90% - 110%									65.0	71.1	109%	90% - 110%
Lu	0.6	0.6	102%	90% - 110%												
Mg	1.1	1.2	106%	90% - 110%					2.41	2.39	99%	90% - 110%				
Mn	780	776	99%	90% - 110%												
Mo	14	14	100%	90% - 110%												
Nb	20	19	94%	90% - 110%	22.6	21.5	95%	90% - 110%								
Nd					27.3	27.4	100%	90% - 110%								
Ni	32	34	105%	90% - 110%												
P													0.061	0.0553	91%	90% - 110%
Pb	31	31	100%	90% - 110%												
Rb	144	148	103%	90% - 110%	85.4	82.8	97%	90% - 110%								
Sb	0.8	0.8	104%	90% - 110%												
Sc	12	12	99%	90% - 110%												
Si	28.4	29.3	103%	90% - 110%					23.65	24.87	105%	90% - 110%	24.4	25.7	106%	90% - 110%
Sm	7.4	7.8	106%	90% - 110%												
Sr	144	152	106%	90% - 110%									310	327	105%	90% - 110%
Tb	1.2	1.2	99%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Th	18.4	18.8	102%	90% - 110%												
Ti	0.527	0.527	100%	90% - 110%									0.222	0.221	100%	90% - 110%
U	5.7	5.4	94%	90% - 110%												
V	77	79	103%	90% - 110%												
W	5	5	109%	90% - 110%												
Y	40	38	94%	90% - 110%	25.3	25.5	101%	90% - 110%								
Yb					2.66	2.76	104%	90% - 110%								
Zn	130	118	91%	90% - 110%									75.4	82	109%	90% - 110%
Zr	390	378	97%	90% - 110%	157	160	102%	90% - 110%								

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O734683

PROJECT: 2021 Surimeau DDH Batch 33

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O734683

PROJECT: 2021 Surimeau DDH Batch 33

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O734683

PROJECT: 2021 Surimeau DDH Batch 33

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 34

AGAT WORK ORDER: 21O734684

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Oct 06, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734684

PROJECT: 2021 Surimeau DDH Batch 34

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Oct 06, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
47151 (2357044)	4.34
47152 (2357045)	1.48
47153 (2357046)	3.06
47154 (2357047)	0.06
47155 (2357048)	3.42
47156 (2357049)	5.37
47157 (2357050)	5.39
47158 (2357051)	5.06
47159 (2357052)	5.28
47160 (2357053)	5.41
47161 (2357054)	4.99
47162 C-DUP (2357055)	-
47163 (2357056)	4.59
47164 (2357057)	2.96
47165 (2357058)	2.01
47166 (2357059)	4.58
47167 (2357060)	5.35
47168 (2357061)	5.14
47169 (2357062)	5.42
47170 (2357063)	4.91
47171 (2357064)	4.58
47172 (2357065)	0.66
47173 (2357066)	5.06
47174 (2357067)	5.20
47175 (2357068)	5.49
47176 (2357069)	4.28
47177 (2357070)	2.85
47178 (2357071)	1.68
47179 (2357072)	3.08
47180 (2357073)	4.90
47181 (2357074)	4.73

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734684

PROJECT: 2021 Surimeau DDH Batch 34

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Oct 06, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
47182 (2357075)	5.23
47183 (2357076)	5.05
47184 (2357077)	3.75
47185 (2357078)	3.58
47186 (2357079)	5.44
47187 (2357080)	5.17
47188 (2357081)	5.58
47189 (2357082)	5.32
47190 (2357083)	5.55
47191 (2357084)	3.04
47192 (2357085)	2.30
47193 (2357086)	5.05
47194 (2357087)	5.46
47195 C-DUP (2357088)	-
47196 (2357089)	4.92
47197 (2357090)	5.53
47198 (2357091)	2.20
47199 (2357092)	5.00
47200 (2357093)	2.56

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734684

PROJECT: 2021 Surimeau DDH Batch 34

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Oct 06, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
47151 (2357044)	<1	3.42	<5	<20	697	<5	0.8	5.02	<0.2	3.2	69.7	0.210	48.3	6
47152 (2357045)	<1	3.88	<5	39	421	<5	<0.1	10.9	<0.2	33.8	4.2	0.010	1.6	<5
47153 (2357046)	<1	3.66	<5	<20	228	<5	0.6	5.46	<0.2	1.6	83.7	0.234	10.8	54
47154 (2357047)	3	1.08	22	109	60.3	<5	0.7	2.46	1.0	11.5	1100	0.022	0.6	15500
47155 (2357048)	<1	3.45	<5	<20	312	<5	0.7	8.10	<0.2	1.6	76.1	0.236	13.2	36
47156 (2357049)	<1	3.31	<5	<20	2.7	<5	0.6	4.90	<0.2	1.3	87.5	0.227	0.6	23
47157 (2357050)	<1	3.20	<5	<20	3.6	<5	0.6	5.07	<0.2	1.5	85.1	0.219	0.5	15
47158 (2357051)	<1	2.87	<5	<20	2.0	<5	0.6	5.51	<0.2	1.9	83.3	0.205	0.5	19
47159 (2357052)	<1	3.34	<5	<20	1.9	<5	0.6	5.22	<0.2	1.7	87.6	0.231	0.6	38
47160 (2357053)	<1	3.47	<5	<20	1.5	<5	0.5	5.26	<0.2	1.4	87.5	0.237	0.6	43
47161 (2357054)	<1	3.49	<5	<20	2.4	<5	0.8	5.35	<0.2	1.2	85.8	0.234	0.7	24
47162 C-DUP (2357055)	1	3.55	<5	<20	2.6	<5	0.5	5.45	<0.2	1.3	85.4	0.241	0.8	29
47163 (2357056)	<1	2.92	<5	<20	2.7	<5	1.2	5.98	0.2	1.9	87.4	0.217	0.7	35
47164 (2357057)	2	3.47	<5	<20	4.6	<5	0.9	4.47	<0.2	1.4	90.5	0.248	1.8	54
47165 (2357058)	<1	3.07	<5	<20	5.4	<5	0.9	4.98	<0.2	1.7	85.8	0.224	1.5	52
47166 (2357059)	<1	3.66	<5	<20	8.8	<5	0.8	3.65	<0.2	2.1	88.8	0.242	2.3	29
47167 (2357060)	<1	3.59	<5	<20	4.5	<5	0.9	3.67	<0.2	1.8	92.2	0.278	1.5	111
47168 (2357061)	<1	3.95	<5	<20	14.5	<5	0.6	2.87	<0.2	1.9	90.7	0.267	3.4	55
47169 (2357062)	<1	3.24	<5	<20	9.5	<5	0.9	4.12	<0.2	2.2	92.4	0.241	2.4	87
47170 (2357063)	1	3.63	<5	<20	9.6	<5	1.0	3.09	<0.2	1.6	103	0.291	2.5	102
47171 (2357064)	<1	3.62	<5	<20	47.1	<5	0.6	3.11	<0.2	1.7	90.5	0.245	7.5	44
47172 (2357065)	<1	0.08	<5	<20	30.3	<5	<0.1	37.9	<0.2	0.9	<0.5	<0.005	<0.1	<5
47173 (2357066)	<1	3.71	<5	<20	21.5	<5	0.8	2.83	<0.2	2.0	104	0.279	4.5	87
47174 (2357067)	<1	3.61	<5	<20	19.3	<5	0.5	3.26	<0.2	2.2	86.9	0.253	3.5	25
47175 (2357068)	1	3.57	<5	<20	20.0	<5	0.8	3.72	<0.2	6.6	89.7	0.234	3.2	112
47176 (2357069)	<1	2.26	<5	<20	223	<5	1.4	5.29	<0.2	1.1	83.4	0.182	23.1	23
47177 (2357070)	<1	5.43	<5	20	186	<5	1.7	9.18	0.7	4.6	179	0.379	4.8	270
47178 (2357071)	<1	5.26	<5	<20	680	<5	0.5	6.43	<0.2	2.5	123	0.429	21.8	16
47179 (2357072)	<1	3.23	<5	<20	23.5	<5	0.4	5.91	<0.2	1.6	89.1	0.236	1.7	99
47180 (2357073)	<1	3.23	<5	<20	5.4	<5	0.9	3.77	<0.2	1.0	93.1	0.234	0.7	14
47181 (2357074)	<1	2.91	<5	<20	1.1	<5	0.8	5.07	<0.2	1.5	89.0	0.227	0.5	41
47182 (2357075)	2	2.74	<5	<20	2.1	<5	0.6	5.73	<0.2	1.5	80.3	0.200	0.5	49

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734684

PROJECT: 2021 Surimeau DDH Batch 34

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Oct 06, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
47183 (2357076)	<1	2.83	<5	<20	1.8	<5	0.6	5.36	<0.2	2.0	83.3	0.198	0.5	16
47184 (2357077)	3	3.00	<5	<20	1.7	<5	0.4	5.53	<0.2	1.5	83.9	0.214	0.5	39
47185 (2357078)	<1	3.76	<5	<20	2.3	<5	0.2	6.14	<0.2	2.7	81.9	0.245	0.6	56
47186 (2357079)	3	3.44	<5	<20	1.8	<5	0.3	6.19	<0.2	1.9	78.0	0.215	0.5	68
47187 (2357080)	<1	3.77	<5	<20	1.2	<5	0.4	5.13	<0.2	2.1	84.6	0.245	0.6	62
47188 (2357081)	2	3.29	<5	<20	4.4	<5	0.5	4.34	<0.2	1.8	87.9	0.244	0.8	46
47189 (2357082)	<1	2.76	<5	<20	3.2	<5	0.4	5.67	<0.2	1.8	76.4	0.194	0.7	34
47190 (2357083)	<1	3.96	<5	<20	2.1	<5	0.3	5.81	<0.2	2.0	87.9	0.276	0.7	41
47191 (2357084)	<1	3.12	<5	<20	2.0	<5	0.4	5.04	<0.2	1.5	84.2	0.213	0.7	26
47192 (2357085)	2	3.14	<5	<20	1.8	<5	0.3	4.99	<0.2	1.5	83.2	0.213	0.8	21
47193 (2357086)	<1	3.02	<5	<20	2.2	<5	0.5	4.63	<0.2	1.9	86.8	0.214	0.9	30
47194 (2357087)	<1	3.33	<5	<20	3.1	<5	0.3	4.72	<0.2	1.8	87.8	0.235	1.0	37
47195 C-DUP (2357088)	<1	3.21	<5	<20	1.9	<5	0.7	4.59	<0.2	1.9	87.0	0.237	0.9	38
47196 (2357089)	<1	3.07	<5	<20	2.6	<5	0.2	5.11	<0.2	2.1	79.7	0.200	0.8	25
47197 (2357090)	<1	3.67	<5	<20	2.9	<5	0.5	4.43	<0.2	2.5	84.5	0.228	0.8	34
47198 (2357091)	<1	3.42	<5	<20	2.0	<5	0.4	4.61	<0.2	3.5	89.5	0.223	1.1	71
47199 (2357092)	<1	6.35	<5	709	1210	<5	0.1	5.64	<0.2	70.0	60.1	0.144	46.7	<5
47200 (2357093)	<1	6.20	<5	<20	1200	<5	0.1	2.77	<0.2	14.8	62.8	0.186	84.1	<5

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734684

PROJECT: 2021 Surimeau DDH Batch 34

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Oct 06, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
47151 (2357044)	1.14	0.64	0.33	6.27	16.2	1.09	3	<1	0.25	<0.2	3.35	0.9	205	0.10
47152 (2357045)	3.04	1.48	0.79	1.26	9.93	3.45	2	3	0.55	<0.2	3.30	14.2	21	0.16
47153 (2357046)	1.25	0.92	0.22	7.75	10.5	1.04	3	<1	0.30	<0.2	0.95	0.5	54	0.13
47154 (2357047)	0.99	0.57	0.23	35.0	3.03	0.95	<1	<1	0.18	<0.2	0.14	6.0	<10	0.08
47155 (2357048)	1.05	0.68	0.38	7.14	6.09	0.73	2	<1	0.21	<0.2	1.20	0.8	83	0.10
47156 (2357049)	1.22	0.84	0.14	7.37	6.95	0.99	2	<1	0.28	<0.2	<0.05	0.4	<10	0.10
47157 (2357050)	1.24	0.78	0.35	7.24	6.76	0.94	2	<1	0.26	<0.2	<0.05	0.4	<10	0.11
47158 (2357051)	1.13	0.84	0.24	6.92	5.80	1.01	2	<1	0.27	<0.2	<0.05	0.7	<10	0.13
47159 (2357052)	1.44	0.87	0.25	7.40	6.54	1.04	2	<1	0.31	<0.2	<0.05	0.6	<10	0.11
47160 (2357053)	1.10	0.77	0.14	7.54	7.00	0.89	2	<1	0.27	<0.2	<0.05	0.4	<10	0.10
47161 (2357054)	1.07	0.75	0.16	7.56	6.84	0.68	1	<1	0.23	<0.2	<0.05	0.3	<10	0.11
47162 C-DUP (2357055)	1.24	0.69	0.24	7.70	7.54	0.71	1	<1	0.20	<0.2	<0.05	0.5	<10	0.10
47163 (2357056)	0.83	0.59	0.25	7.37	5.77	0.76	2	<1	0.19	<0.2	0.05	0.8	<10	0.07
47164 (2357057)	1.33	0.76	0.22	8.07	6.47	1.12	1	<1	0.27	<0.2	0.08	0.5	<10	0.10
47165 (2357058)	1.38	1.07	0.27	7.72	5.48	0.92	1	<1	0.31	<0.2	0.07	0.6	<10	0.11
47166 (2357059)	1.23	0.79	0.20	7.95	7.37	0.98	1	<1	0.28	<0.2	0.10	0.9	<10	0.13
47167 (2357060)	1.49	0.87	0.23	8.20	7.05	1.15	1	<1	0.30	<0.2	0.06	0.6	<10	0.12
47168 (2357061)	1.41	0.76	0.16	8.11	8.20	0.98	2	<1	0.29	<0.2	0.16	0.6	12	0.15
47169 (2357062)	1.30	0.93	0.28	7.86	6.67	1.01	2	<1	0.33	<0.2	0.10	0.7	<10	0.10
47170 (2357063)	1.39	0.88	0.15	8.08	6.65	0.93	2	<1	0.29	<0.2	0.10	0.5	<10	0.10
47171 (2357064)	1.37	0.81	0.10	8.20	7.41	0.92	2	<1	0.29	<0.2	0.43	0.6	22	0.10
47172 (2357065)	0.25	0.17	<0.05	0.14	0.28	0.23	1	<1	<0.05	<0.2	<0.05	1.1	<10	<0.05
47173 (2357066)	1.75	1.02	0.18	8.06	8.02	1.26	2	<1	0.32	<0.2	0.20	0.5	13	0.10
47174 (2357067)	1.18	0.82	0.14	8.24	7.76	1.19	2	<1	0.28	<0.2	0.18	0.8	12	0.09
47175 (2357068)	1.47	0.95	0.25	7.96	7.84	1.45	3	<1	0.33	<0.2	0.17	2.8	12	0.11
47176 (2357069)	0.75	0.55	0.20	6.15	5.73	0.58	2	<1	0.14	<0.2	1.42	0.4	69	0.08
47177 (2357070)	2.21	1.34	0.82	12.0	10.9	1.71	2	<1	0.43	<0.2	0.48	2.2	48	0.20
47178 (2357071)	1.92	1.15	0.85	8.88	8.33	1.49	2	<1	0.42	<0.2	1.76	0.9	143	0.16
47179 (2357072)	1.39	0.80	0.26	7.27	6.35	0.82	2	<1	0.27	<0.2	0.11	0.6	<10	0.12
47180 (2357073)	0.92	0.60	0.11	7.16	8.91	0.64	<1	<1	0.21	<0.2	<0.05	0.4	<10	0.09
47181 (2357074)	1.12	0.81	0.17	6.90	6.65	0.98	2	<1	0.26	<0.2	<0.05	0.5	<10	0.11
47182 (2357075)	1.46	0.81	0.15	7.04	5.87	1.01	2	<1	0.27	<0.2	<0.05	0.6	<10	0.10

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734684

PROJECT: 2021 Surimeau DDH Batch 34

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Oct 06, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
47183 (2357076)	1.12	0.78	0.19	7.05	7.03	0.99	2	<1	0.29	<0.2	<0.05	0.8	<10	0.11
47184 (2357077)	1.19	0.70	0.20	6.90	7.17	0.71	2	<1	0.21	<0.2	<0.05	0.6	<10	0.09
47185 (2357078)	1.49	0.92	0.25	7.96	7.49	1.22	1	<1	0.35	<0.2	<0.05	1.1	<10	0.16
47186 (2357079)	1.21	0.78	0.28	7.47	7.45	1.04	2	<1	0.31	<0.2	<0.05	0.8	<10	0.12
47187 (2357080)	1.44	0.82	0.17	7.78	8.52	0.98	2	<1	0.31	<0.2	<0.05	0.7	<10	0.12
47188 (2357081)	1.25	0.73	0.17	7.37	6.72	0.95	2	<1	0.25	<0.2	<0.05	0.7	<10	0.12
47189 (2357082)	1.15	0.79	0.22	6.83	7.21	0.98	2	<1	0.27	<0.2	<0.05	0.7	<10	0.11
47190 (2357083)	1.42	0.87	0.26	8.51	7.21	1.06	2	<1	0.32	<0.2	<0.05	0.8	<10	0.12
47191 (2357084)	1.28	0.83	0.12	7.15	6.00	0.98	2	<1	0.24	<0.2	<0.05	0.6	<10	0.08
47192 (2357085)	1.15	0.85	0.20	7.06	6.47	0.97	2	<1	0.29	<0.2	<0.05	0.5	<10	0.14
47193 (2357086)	1.28	0.80	0.21	7.14	6.41	1.04	2	<1	0.27	<0.2	<0.05	0.7	<10	0.09
47194 (2357087)	1.42	0.89	0.17	7.75	7.15	1.13	2	<1	0.31	<0.2	<0.05	0.6	<10	0.11
47195 C-DUP (2357088)	1.45	0.92	0.16	7.55	7.05	1.07	2	<1	0.33	<0.2	<0.05	0.7	<10	0.14
47196 (2357089)	1.27	0.67	0.25	6.77	6.21	0.83	2	<1	0.26	<0.2	<0.05	0.8	<10	0.11
47197 (2357090)	1.36	1.00	0.18	7.43	7.48	1.25	2	<1	0.31	<0.2	<0.05	0.9	<10	0.14
47198 (2357091)	1.30	0.82	0.23	6.83	6.91	0.95	2	<1	0.26	<0.2	<0.05	1.4	<10	0.12
47199 (2357092)	2.14	1.34	2.23	6.90	18.4	3.76	2	4	0.41	<0.2	3.15	32.2	295	0.13
47200 (2357093)	1.91	1.18	0.96	6.66	14.1	2.35	2	<1	0.40	<0.2	5.07	5.6	341	0.13

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734684

PROJECT: 2021 Surimeau DDH Batch 34

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Oct 06, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
47151 (2357044)	13.0	1230	<2	1	2.6	1020	<0.01	9	0.49	154	0.31	0.3	22	25.1
47152 (2357045)	5.37	583	6	4	16.9	16	0.07	7	4.32	62.9	0.20	<0.1	<5	24.7
47153 (2357046)	14.1	1350	<2	<1	1.6	1050	<0.01	<5	0.28	37.1	0.63	<0.1	25	24.0
47154 (2357047)	1.83	606	<2	1	5.1	22300	0.01	38	1.35	3.6	20.3	0.4	7	7.84
47155 (2357048)	13.3	1550	<2	<1	1.3	1020	0.01	<5	0.23	47.1	0.55	<0.1	25	19.3
47156 (2357049)	15.2	1260	<2	<1	1.4	1250	0.01	<5	0.25	1.7	0.24	<0.1	23	22.0
47157 (2357050)	15.5	1240	<2	<1	1.4	1200	<0.01	<5	0.22	1.1	0.18	0.1	22	21.8
47158 (2357051)	15.0	1380	<2	<1	1.9	1230	0.02	<5	0.30	0.5	0.20	<0.1	21	20.5
47159 (2357052)	15.1	1240	<2	<1	2.0	1230	<0.01	<5	0.33	0.6	0.24	<0.1	24	21.5
47160 (2357053)	15.2	1230	<2	<1	1.3	1280	<0.01	<5	0.27	1.1	0.25	0.2	24	22.2
47161 (2357054)	16.1	1270	<2	<1	1.2	1340	<0.01	<5	0.21	0.6	0.21	<0.1	24	22.3
47162 C-DUP (2357055)	16.5	1300	<2	<1	1.3	1400	0.02	<5	0.25	1.1	0.22	0.2	24	22.8
47163 (2357056)	16.5	1480	<2	<1	1.2	1510	0.02	<5	0.30	1.0	0.24	0.1	21	23.8
47164 (2357057)	16.8	1390	<2	<1	1.4	1340	0.03	<5	0.21	2.3	0.27	<0.1	25	23.3
47165 (2357058)	16.3	1400	<2	<1	1.6	1230	0.02	<5	0.34	2.3	0.26	0.3	25	22.6
47166 (2357059)	16.9	1400	<2	<1	1.7	1290	0.01	<5	0.32	4.3	0.17	0.1	25	22.4
47167 (2357060)	16.3	1360	<2	<1	2.0	1310	0.02	<5	0.35	2.1	0.39	0.1	26	23.0
47168 (2357061)	16.5	1360	<2	<1	1.8	1170	0.01	<5	0.32	7.1	0.21	<0.1	27	21.8
47169 (2357062)	16.1	1530	<2	<1	2.0	1260	<0.01	<5	0.35	4.4	0.30	<0.1	23	21.9
47170 (2357063)	16.2	1450	<2	<1	1.6	1430	0.01	<5	0.30	4.5	0.30	0.2	26	22.4
47171 (2357064)	16.7	1480	<2	<1	1.7	1180	0.01	<5	0.32	17.0	0.17	<0.1	25	22.8
47172 (2357065)	1.65	102	<2	<1	0.7	<5	<0.01	<5	0.18	0.3	0.52	<0.1	<5	5.49
47173 (2357066)	16.3	1420	<2	<1	2.0	1330	0.01	<5	0.37	9.5	0.24	0.1	27	22.7
47174 (2357067)	17.2	1560	<2	<1	2.2	1190	0.01	<5	0.38	7.9	0.15	0.4	25	23.7
47175 (2357068)	16.3	1390	<2	<1	4.5	1280	0.02	<5	0.85	6.5	0.35	<0.1	25	24.9
47176 (2357069)	15.1	1590	<2	<1	1.0	1600	<0.01	<5	0.19	57.7	0.19	<0.1	16	27.4
47177 (2357070)	5.68	4750	<2	<1	3.3	3160	0.04	5	0.69	12.0	0.91	<0.1	34	24.4
47178 (2357071)	9.99	3230	<2	<1	2.2	1670	<0.01	<5	0.44	65.2	0.16	0.2	41	25.8
47179 (2357072)	14.9	1860	<2	<1	1.9	1380	0.02	<5	0.28	3.9	0.43	0.3	23	24.7
47180 (2357073)	16.4	1440	<2	<1	1.1	1540	0.01	<5	0.18	1.0	0.16	0.1	21	23.4
47181 (2357074)	16.4	1420	<2	<1	1.6	1510	<0.01	<5	0.20	0.5	0.25	<0.1	22	22.3
47182 (2357075)	16.0	1420	<2	<1	1.6	1240	<0.01	<5	0.30	0.8	0.25	<0.1	22	24.0

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734684

PROJECT: 2021 Surimeau DDH Batch 34

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Oct 06, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
47183 (2357076)	15.7	1470	<2	<1	1.7	1200	<0.01	<5	0.36	0.8	0.17	<0.1	21	21.3
47184 (2357077)	15.7	1370	<2	<1	1.5	1280	<0.01	<5	0.31	0.4	0.29	<0.1	22	22.7
47185 (2357078)	15.5	1430	<2	<1	2.6	1010	0.02	<5	0.38	0.8	0.41	<0.1	26	21.4
47186 (2357079)	15.8	1390	<2	<1	1.6	1310	<0.01	<5	0.30	0.7	0.47	0.1	23	24.4
47187 (2357080)	16.0	1410	<2	<1	2.2	1200	<0.01	<5	0.34	0.8	0.42	<0.1	25	22.8
47188 (2357081)	15.8	1390	<2	<1	1.8	1360	<0.01	<5	0.34	0.9	0.31	<0.1	23	23.1
47189 (2357082)	15.6	1330	<2	<1	1.4	1110	<0.01	<5	0.30	1.2	0.24	<0.1	22	22.5
47190 (2357083)	16.1	1440	<2	<1	1.6	1150	0.02	<5	0.33	1.1	0.27	0.1	28	21.3
47191 (2357084)	16.3	1330	<2	<1	1.6	1310	0.01	<5	0.31	1.1	0.20	0.3	23	22.9
47192 (2357085)	15.4	1260	<2	<1	1.5	1220	<0.01	<5	0.30	1.2	0.19	<0.1	22	22.3
47193 (2357086)	15.7	1370	<2	<1	1.6	1280	<0.01	<5	0.30	1.2	0.18	0.2	22	21.7
47194 (2357087)	15.9	1270	<2	<1	1.7	1230	0.01	<5	0.34	0.8	0.21	<0.1	26	22.9
47195 C-DUP (2357088)	15.4	1240	<2	<1	1.8	1230	0.02	<5	0.27	1.2	0.21	<0.1	25	22.2
47196 (2357089)	14.9	1150	<2	<1	1.3	1060	0.01	<5	0.34	0.9	0.19	<0.1	22	21.8
47197 (2357090)	15.7	1150	<2	<1	2.0	1120	0.01	<5	0.39	1.1	0.19	0.1	24	21.6
47198 (2357091)	15.0	1160	<2	<1	2.7	1300	0.01	5	0.65	1.7	0.22	<0.1	23	23.3
47199 (2357092)	11.7	1220	<2	2	32.8	758	0.19	6	8.81	134	0.10	0.2	18	21.9
47200 (2357093)	13.3	806	<2	2	10.2	904	0.02	<5	2.62	217	0.05	<0.1	22	21.9

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734684

PROJECT: 2021 Surimeau DDH Batch 34

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Oct 06, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
47151 (2357044)	1.0	1	45.4	<0.5	0.20	0.2	0.17	2.2	0.12	0.19	137	<1	6.5	0.7
47152 (2357045)	4.1	1	357	<0.5	0.50	3.1	0.15	<0.5	0.21	1.50	29	<1	14.4	1.2
47153 (2357046)	0.6	<1	67.5	<0.5	0.19	<0.1	0.21	<0.5	0.13	0.05	142	<1	7.9	0.8
47154 (2357047)	1.2	2	35.7	<0.5	0.16	1.0	0.11	<0.5	0.07	0.22	60	4	4.5	0.4
47155 (2357048)	0.6	<1	241	<0.5	0.14	<0.1	0.19	0.7	0.10	<0.05	141	<1	6.2	0.7
47156 (2357049)	0.5	<1	130	<0.5	0.19	<0.1	0.18	<0.5	0.13	<0.05	134	<1	6.5	0.7
47157 (2357050)	0.6	<1	168	<0.5	0.18	<0.1	0.19	<0.5	0.10	<0.05	128	<1	6.9	0.8
47158 (2357051)	0.9	<1	210	<0.5	0.17	<0.1	0.17	<0.5	0.11	<0.05	117	<1	7.6	0.9
47159 (2357052)	0.7	<1	150	<0.5	0.20	<0.1	0.20	<0.5	0.16	<0.05	140	<1	8.3	0.9
47160 (2357053)	0.5	<1	137	<0.5	0.18	<0.1	0.20	<0.5	0.11	<0.05	136	<1	7.1	0.7
47161 (2357054)	0.5	<1	165	<0.5	0.20	<0.1	0.19	<0.5	0.09	<0.05	134	<1	5.8	0.7
47162 C-DUP (2357055)	0.6	<1	167	<0.5	0.17	<0.1	0.20	<0.5	0.11	<0.05	141	<1	5.7	0.7
47163 (2357056)	0.5	<1	182	<0.5	0.16	<0.1	0.16	<0.5	0.10	<0.05	114	<1	5.4	0.6
47164 (2357057)	0.8	<1	170	<0.5	0.17	<0.1	0.20	<0.5	0.12	<0.05	142	<1	7.3	0.8
47165 (2357058)	0.7	<1	195	<0.5	0.19	<0.1	0.18	<0.5	0.12	<0.05	131	<1	7.9	1.0
47166 (2357059)	0.6	<1	140	<0.5	0.17	<0.1	0.21	<0.5	0.12	<0.05	147	<1	6.6	0.8
47167 (2357060)	0.9	<1	101	<0.5	0.21	<0.1	0.22	<0.5	0.13	<0.05	156	<1	8.0	0.9
47168 (2357061)	0.9	<1	120	<0.5	0.23	<0.1	0.22	<0.5	0.13	<0.05	159	<1	7.4	0.9
47169 (2357062)	0.7	<1	169	<0.5	0.17	<0.1	0.20	<0.5	0.13	<0.05	137	<1	7.3	0.8
47170 (2357063)	0.6	<1	108	<0.5	0.18	<0.1	0.23	<0.5	0.13	<0.05	152	<1	7.3	0.9
47171 (2357064)	0.6	<1	137	<0.5	0.23	<0.1	0.21	<0.5	0.12	<0.05	145	<1	6.5	0.9
47172 (2357065)	0.2	<1	89.0	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.10	<5	<1	2.3	0.1
47173 (2357066)	0.9	<1	93.9	<0.5	0.21	<0.1	0.23	<0.5	0.14	0.05	152	<1	7.9	0.9
47174 (2357067)	0.8	<1	114	<0.5	0.19	<0.1	0.23	<0.5	0.11	<0.05	149	<1	7.3	0.7
47175 (2357068)	1.0	<1	48.1	<0.5	0.25	0.3	0.22	<0.5	0.14	0.12	146	<1	7.8	0.9
47176 (2357069)	0.5	<1	75.7	<0.5	0.11	<0.1	0.12	0.7	0.07	<0.05	81	<1	4.8	0.4
47177 (2357070)	1.2	2	210	<0.5	0.28	0.2	0.26	<0.5	0.22	0.11	196	<1	11.8	1.4
47178 (2357071)	0.9	1	87.1	<0.5	0.29	<0.1	0.32	0.8	0.16	<0.05	238	<1	11.0	1.3
47179 (2357072)	0.5	<1	36.0	<0.5	0.18	<0.1	0.17	<0.5	0.12	<0.05	140	<1	6.9	0.9
47180 (2357073)	0.4	<1	65.6	<0.5	0.13	<0.1	0.17	<0.5	0.07	<0.05	123	<1	5.1	0.6
47181 (2357074)	0.6	<1	112	<0.5	0.16	<0.1	0.17	<0.5	0.11	<0.05	118	<1	6.4	0.7
47182 (2357075)	0.7	<1	99.1	<0.5	0.18	<0.1	0.15	<0.5	0.12	<0.05	117	<1	7.1	0.9

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734684

PROJECT: 2021 Surimeau DDH Batch 34

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Oct 06, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
47183 (2357076)	0.5	<1	146	<0.5	0.21	<0.1	0.16	<0.5	0.12	<0.05	115	<1	7.0	0.7
47184 (2357077)	0.6	<1	97.9	<0.5	0.16	<0.1	0.17	<0.5	0.12	<0.05	112	<1	6.0	0.7
47185 (2357078)	0.8	<1	115	<0.5	0.22	0.1	0.21	<0.5	0.13	0.05	174	<1	8.9	0.9
47186 (2357079)	0.7	<1	74.1	<0.5	0.17	<0.1	0.18	<0.5	0.11	0.06	133	<1	6.8	0.7
47187 (2357080)	0.7	<1	75.1	<0.5	0.22	<0.1	0.21	<0.5	0.14	<0.05	152	<1	7.5	0.8
47188 (2357081)	0.6	<1	87.6	<0.5	0.18	<0.1	0.18	<0.5	0.12	<0.05	134	<1	6.8	0.8
47189 (2357082)	0.6	<1	141	<0.5	0.15	<0.1	0.15	<0.5	0.11	<0.05	112	<1	6.6	0.7
47190 (2357083)	0.7	<1	129	<0.5	0.21	<0.1	0.24	<0.5	0.14	<0.05	170	<1	7.5	0.9
47191 (2357084)	0.7	<1	124	<0.5	0.17	<0.1	0.17	<0.5	0.11	<0.05	126	<1	6.7	0.7
47192 (2357085)	0.6	<1	115	<0.5	0.17	<0.1	0.17	<0.5	0.12	<0.05	123	<1	7.1	0.8
47193 (2357086)	0.8	<1	155	<0.5	0.19	<0.1	0.17	<0.5	0.12	<0.05	121	<1	6.7	0.8
47194 (2357087)	0.6	<1	108	<0.5	0.19	<0.1	0.20	<0.5	0.12	<0.05	151	<1	8.2	0.8
47195 C-DUP (2357088)	0.7	<1	105	<0.5	0.22	<0.1	0.20	<0.5	0.11	<0.05	145	<1	8.1	0.9
47196 (2357089)	0.7	<1	106	<0.5	0.18	<0.1	0.17	<0.5	0.11	<0.05	121	<1	6.4	0.8
47197 (2357090)	0.7	<1	107	<0.5	0.20	<0.1	0.20	<0.5	0.13	<0.05	139	<1	8.1	1.0
47198 (2357091)	0.7	<1	39.1	<0.5	0.18	<0.1	0.18	<0.5	0.12	0.06	125	<1	6.3	0.7
47199 (2357092)	5.4	1	346	<0.5	0.44	4.8	0.27	1.5	0.17	1.91	160	<1	12.3	1.1
47200 (2357093)	2.9	1	44.5	<0.5	0.32	0.7	0.24	2.5	0.16	0.12	148	<1	10.1	1.1

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734684

PROJECT: 2021 Surimeau DDH Batch 34

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Oct 06, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
47151 (2357044)	110	17.2
47152 (2357045)	29	90.2
47153 (2357046)	66	18.0
47154 (2357047)	94	30.6
47155 (2357048)	63	15.4
47156 (2357049)	60	13.7
47157 (2357050)	62	11.8
47158 (2357051)	59	14.7
47159 (2357052)	59	20.6
47160 (2357053)	61	15.9
47161 (2357054)	66	18.3
47162 C-DUP (2357055)	64	14.8
47163 (2357056)	63	9.6
47164 (2357057)	94	17.6
47165 (2357058)	62	15.7
47166 (2357059)	71	15.6
47167 (2357060)	68	17.1
47168 (2357061)	67	17.4
47169 (2357062)	63	19.2
47170 (2357063)	63	19.8
47171 (2357064)	84	19.2
47172 (2357065)	13	2.1
47173 (2357066)	63	16.9
47174 (2357067)	70	13.6
47175 (2357068)	62	19.8
47176 (2357069)	79	9.9
47177 (2357070)	454	27.4
47178 (2357071)	99	25.5
47179 (2357072)	69	14.5
47180 (2357073)	65	13.3
47181 (2357074)	61	12.7
47182 (2357075)	57	13.4

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734684

PROJECT: 2021 Surimeau DDH Batch 34

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Oct 06, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
47183 (2357076)	60	16.5
47184 (2357077)	60	12.7
47185 (2357078)	65	16.1
47186 (2357079)	66	11.3
47187 (2357080)	69	16.0
47188 (2357081)	83	16.1
47189 (2357082)	54	13.8
47190 (2357083)	73	16.8
47191 (2357084)	65	9.7
47192 (2357085)	62	16.8
47193 (2357086)	57	14.0
47194 (2357087)	61	8.5
47195 C-DUP (2357088)	66	14.2
47196 (2357089)	56	12.2
47197 (2357090)	50	27.8
47198 (2357091)	79	16.4
47199 (2357092)	94	146
47200 (2357093)	66	23.3

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734684

PROJECT: 2021 Surimeau DDH Batch 34

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Oct 06, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
47151 (2357044)	81.51
47170 (2357063)	79.76
47190 (2357083)	80.95

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O734684

PROJECT: 2021 Surimeau DDH Batch 34

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 15, 2021 | DATE RECEIVED: Apr 13, 2021 | DATE REPORTED: Oct 06, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
47151 (2357044)	85.56
47170 (2357063)	86.76
47189 (2357082)	85.76

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O734684

PROJECT: 2021 Surimeau DDH Batch 34

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2357044	< 1	< 1	0.0%	2357058	< 1	< 1	0.0%	2357069	< 1	< 1	0.0%	2357084	< 1	< 1	0.0%
Al	2357044	3.42	3.48	1.7%	2357058	3.07	3.03	1.3%	2357069	2.26	2.22	1.8%	2357084	3.12	2.95	5.6%
As	2357044	< 5	< 5	0.0%	2357058	< 5	< 5	0.0%	2357069	< 5	< 5	0.0%	2357084	< 5	< 5	0.0%
B	2357044	< 20	< 20	0.0%	2357058	< 20	< 20	0.0%	2357069	< 20	< 20	0.0%	2357084	< 20	< 20	0.0%
Ba	2357044	697	698	0.1%	2357058	5.4	4.6	16.0%	2357069	223	226	1.3%	2357084	2.0	1.5	28.6%
Be	2357044	< 5	< 5	0.0%	2357058	< 5	< 5	0.0%	2357069	< 5	< 5	0.0%	2357084	< 5	< 5	0.0%
Bi	2357044	0.81	0.74	9.0%	2357058	0.86	0.73	16.4%	2357069	1.4	1.3	7.4%	2357084	0.4	0.4	0.0%
Ca	2357044	5.02	5.08	1.2%	2357058	4.98	4.97	0.2%	2357069	5.29	5.34	0.9%	2357084	5.04	4.81	4.7%
Cd	2357044	< 0.2	< 0.2	0.0%	2357058	< 0.2	< 0.2	0.0%	2357069	0.2	0.2	0.0%	2357084	< 0.2	< 0.2	0.0%
Ce	2357044	3.2	3.1	3.2%	2357058	1.7	1.7	0.0%	2357069	1.1	1.1	0.0%	2357084	1.5	1.5	0.0%
Co	2357044	69.7	73.0	4.6%	2357058	85.8	82.6	3.8%	2357069	83.4	82.2	1.4%	2357084	84.2	88.1	4.5%
Cr	2357044	0.210	0.213	1.4%	2357058	0.224	0.222	0.9%	2357069	0.182	0.181	0.6%	2357084	0.213	0.201	5.8%
Cs	2357044	48.3	48.0	0.6%	2357058	1.55	1.59	2.5%	2357069	23.1	21.7	6.3%	2357084	0.75	0.83	10.1%
Cu	2357044	6	< 5		2357058	52	51	1.9%	2357069	23	24	4.3%	2357084	26	21	21.3%
Dy	2357044	1.14	1.12	1.8%	2357058	1.38	1.50	8.3%	2357069	0.748	0.671	10.9%	2357084	1.28	1.34	4.6%
Er	2357044	0.644	0.714	10.3%	2357058	1.07	0.77		2357069	0.55	0.41	29.2%	2357084	0.835	0.848	1.5%
Eu	2357044	0.33	0.35	5.9%	2357058	0.273	0.276	1.1%	2357069	0.196	0.205	4.5%	2357084	0.12	0.15	22.2%
Fe	2357044	6.27	6.37	1.6%	2357058	7.72	7.69	0.4%	2357069	6.15	6.16	0.2%	2357084	7.15	6.87	4.0%
Ga	2357044	16.2	18.9	15.4%	2357058	5.48	5.13	6.6%	2357069	5.73	5.25	8.7%	2357084	6.00	7.06	16.2%
Gd	2357044	1.09	0.935	15.3%	2357058	0.92	1.10	17.8%	2357069	0.58	0.49	16.8%	2357084	0.98	0.95	3.1%
Ge	2357044	3	3	0.0%	2357058	1	1	0.0%	2357069	2	3		2357084	2	1	
Hf	2357044	< 1	< 1	0.0%	2357058	< 1	< 1	0.0%	2357069	< 1	< 1	0.0%	2357084	< 1	< 1	0.0%
Ho	2357044	0.25	0.25	0.0%	2357058	0.306	0.287	6.4%	2357069	0.14	0.16	13.3%	2357084	0.24	0.28	15.4%
In	2357044	< 0.2	< 0.2	0.0%	2357058	< 0.2	< 0.2	0.0%	2357069	< 0.2	< 0.2	0.0%	2357084	< 0.2	< 0.2	0.0%
K	2357044	3.35	3.39	1.2%	2357058	0.07	0.07	0.0%	2357069	1.42	1.46	2.8%	2357084	< 0.05	< 0.05	0.0%
La	2357044	0.9	0.9	0.0%	2357058	0.58	0.50	14.8%	2357069	0.4	0.4	0.0%	2357084	0.56	0.52	7.4%
Li	2357044	205	209	1.9%	2357058	< 10	< 10	0.0%	2357069	69	67	2.9%	2357084	< 10	< 10	0.0%
Lu	2357044	0.10	0.10	0.0%	2357058	0.112	0.116	3.5%	2357069	0.08	< 0.05		2357084	0.08	0.10	22.2%
Mg	2357044	13.0	13.0	0.0%	2357058	16.3	16.3	0.0%	2357069	15.1	15.5	2.6%	2357084	16.3	15.1	7.6%
Mn	2357044	1230	1240	0.8%	2357058	1400	1400	0.0%	2357069	1590	1590	0.0%	2357084	1330	1270	4.6%
Mo	2357044	< 2	< 2	0.0%	2357058	< 2	< 2	0.0%	2357069	< 2	< 2	0.0%	2357084	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2357044	1	1	0.0%	2357058	< 1	< 1	0.0%	2357069	< 1	< 1	0.0%	2357084	< 1	< 1	0.0%
Nd	2357044	2.6	2.5	3.9%	2357058	1.65	1.66	0.6%	2357069	0.98	0.93	5.2%	2357084	1.58	1.55	1.9%
Ni	2357044	1020	1010	1.0%	2357058	1230	1220	0.8%	2357069	1600	1600	0.0%	2357084	1310	1220	7.1%
P	2357044	< 0.01	0.02		2357058	0.02	< 0.01		2357069	< 0.01	< 0.01	0.0%	2357084	0.01	< 0.01	
Pb	2357044	9	< 5		2357058	< 5	< 5	0.0%	2357069	< 5	< 5	0.0%	2357084	< 5	< 5	0.0%
Pr	2357044	0.487	0.469	3.8%	2357058	0.34	0.29	15.9%	2357069	0.19	0.16	17.1%	2357084	0.312	0.232	29.4%
Rb	2357044	154	148	4.0%	2357058	2.3	2.8	19.6%	2357069	57.7	56.4	2.3%	2357084	1.1	0.8	
S	2357044	0.305	0.305	0.0%	2357058	0.264	0.268	1.5%	2357069	0.192	0.198	3.1%	2357084	0.20	0.19	5.1%
Sb	2357044	0.3	< 0.1		2357058	0.28	0.21	28.6%	2357069	< 0.1	< 0.1	0.0%	2357084	0.3	< 0.1	
Sc	2357044	22	22	0.0%	2357058	25	24	4.1%	2357069	16	16	0.0%	2357084	23	21	9.1%
Si	2357044	25.1	25.4	1.2%	2357058	22.6	22.6	0.0%	2357069	27.4	27.7	1.1%	2357084	22.9	21.8	4.9%
Sm	2357044	1.0	0.7		2357058	0.74	0.65	12.9%	2357069	0.5	0.4	22.2%	2357084	0.7	0.6	15.4%
Sn	2357044	1	1	0.0%	2357058	< 1	< 1	0.0%	2357069	< 1	< 1	0.0%	2357084	< 1	< 1	0.0%
Sr	2357044	45.4	45.5	0.2%	2357058	195	194	0.5%	2357069	75.7	74.6	1.5%	2357084	124	118	5.0%
Ta	2357044	< 0.5	< 0.5	0.0%	2357058	< 0.5	< 0.5	0.0%	2357069	< 0.5	< 0.5	0.0%	2357084	< 0.5	< 0.5	0.0%
Tb	2357044	0.198	0.154	25.0%	2357058	0.19	0.19	0.0%	2357069	0.112	0.105	6.5%	2357084	0.17	0.17	0.0%
Th	2357044	0.2	0.2	0.0%	2357058	< 0.1	< 0.1	0.0%	2357069	< 0.1	< 0.1	0.0%	2357084	< 0.1	< 0.1	0.0%
Ti	2357044	0.174	0.176	1.1%	2357058	0.18	0.18	0.0%	2357069	0.116	0.113	2.6%	2357084	0.170	0.164	3.6%
Tl	2357044	2.17	1.94	11.2%	2357058	< 0.5	< 0.5	0.0%	2357069	0.74	0.64	14.5%	2357084	< 0.5	< 0.5	0.0%
Tm	2357044	0.118	0.111	6.1%	2357058	0.124	0.139	11.4%	2357069	0.073	0.083	12.8%	2357084	0.11	0.12	8.7%
U	2357044	0.19	0.18	5.4%	2357058	< 0.05	< 0.05	0.0%	2357069	< 0.05	< 0.05	0.0%	2357084	< 0.05	< 0.05	0.0%
V	2357044	137	135	1.5%	2357058	131	129	1.5%	2357069	81	82	1.2%	2357084	126	114	10.0%
W	2357044	< 1	< 1	0.0%	2357058	< 1	< 1	0.0%	2357069	< 1	< 1	0.0%	2357084	< 1	< 1	0.0%
Y	2357044	6.53	6.59	0.9%	2357058	7.9	7.5	5.2%	2357069	4.8	4.1	15.7%	2357084	6.7	7.0	4.4%
Yb	2357044	0.7	0.7	0.0%	2357058	0.96	0.85	12.2%	2357069	0.43	0.46	6.7%	2357084	0.68	0.77	12.4%
Zn	2357044	110	107	2.8%	2357058	62	64	3.2%	2357069	79	82	3.7%	2357084	65	66	1.5%
Zr	2357044	17.2	17.1	0.6%	2357058	15.7	13.4	15.8%	2357069	9.9	10.1	2.0%	2357084	9.7	11.3	15.2%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O734684

PROJECT: 2021 Surimeau DDH Batch 34

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.77	104%	90% - 110%					6.94	7.53	109%	90% - 110%	13.0	13.7	105%	90% - 110%
As	26	26	100%	90% - 110%												
Ba	540	547	101%	90% - 110%	1310	1269	97%	90% - 110%					1310	1416	108%	90% - 110%
Be	4.0	4.1	103%	90% - 110%												
Ca	0.907	0.957	106%	90% - 110%					4.01	4.25	106%	90% - 110%	1.42	1.48	104%	90% - 110%
Ce	98	108	110%	90% - 110%	58.2	61.7	106%	90% - 110%								
Co	15	13	84%	90% - 110%												
Cu	150	173	116%	90% - 110%									6.4	6.3	98%	90% - 110%
Er	3.7	4	107%	90% - 110%												
Fe	3.77	4.03	107%	90% - 110%					7.56	8.28	110%	90% - 110%	3.27	3.49	107%	90% - 110%
Ga					22.6	23	102%	90% - 110%								
Hf	11	11	96%	90% - 110%												
K	2.55	2.87	113%	90% - 110%					2.02	2.33	115%	90% - 110%	3.68	4.29	117%	90% - 110%
La	44	48	109%	90% - 110%	27.5	29.6	108%	90% - 110%								
Li	47	54	114%	90% - 110%									65.0	78.2	120%	90% - 110%
Lu	0.6	0.6	92%	90% - 110%												
Mg	1.1	1.1	103%	90% - 110%					2.41	2.59	107%	90% - 110%				
Mn	780	831	106%	90% - 110%												
Mo	14	14	96%	90% - 110%												
Nb	20	20	100%	90% - 110%	22.6	23.4	103%	90% - 110%								
Nd					27.3	27.9	102%	90% - 110%								
Ni	32	37	114%	90% - 110%												
P													0.061	0.065	106%	90% - 110%
Pb	31	33	107%	90% - 110%												
Rb	144	142	99%	90% - 110%	85.4	89	104%	90% - 110%								
Sb	0.8	0.9	107%	90% - 110%												
Sc	12	13	110%	90% - 110%												
Si	28.4	32	113%	90% - 110%					23.65	27.26	115%	90% - 110%	24.4	27.6	113%	90% - 110%
Sm	7.4	8.2	111%	90% - 110%												
Sr	144	167	116%	90% - 110%									310	355	114%	90% - 110%
Ta	1.9	2.2	114%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Tb	1.2	1.1	95%	90% - 110%												
Th	18.4	20.3	110%	90% - 110%												
Ti	0.527	0.554	105%	90% - 110%									0.222	0.232	105%	90% - 110%
U	5.7	5.5	96%	90% - 110%												
V	77	84	109%	90% - 110%												
W	5	5	103%	90% - 110%												
Y	40	35	86%	90% - 110%	25.3	25.3	100%	90% - 110%								
Yb					2.66	2.88	108%	90% - 110%								
Zn	130	142	109%	90% - 110%									75.4	94.1	125%	90% - 110%
Zr	390	387	99%	90% - 110%	157	165	105%	90% - 110%								

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O734684

PROJECT: 2021 Surimeau DDH Batch 34

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O734684

PROJECT: 2021 Surimeau DDH Batch 34

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O734684

PROJECT: 2021 Surimeau DDH Batch 34

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 SURIMEAU DDH BATCH 47

AGAT WORK ORDER: 21O735085

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 21, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735085

PROJECT: 2021 SURIMEAU DDH BATCH 47

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
47801 (2361537)	3.07
47802 (2361538)	0.89
47803 (2361539)	4.00
47804 (2361540)	4.45
47805 (2361541)	2.72
47806 (2361542)	2.12
47807 (2361543)	3.58
47808 (2361544)	4.58
47809 (2361545)	3.56
47810 (2361546)	4.38
47811 (2361547)	4.19
47812C-DUP (2361548)	-
47813 (2361549)	4.17
47814 (2361550)	2.07
47815 (2361551)	1.86
47816 (2361552)	3.78
47817 (2361553)	2.82
47818 (2361554)	2.92
47819 (2361555)	1.91
47820 (2361556)	3.29
47821 (2361557)	4.05
47822 (2361558)	0.92
47823 (2361559)	4.48
47824 (2361560)	2.71
47825 (2361561)	2.11
47826 (2361562)	1.67
47827 (2361563)	2.67
47828 (2361564)	3.15
47829 (2361565)	3.00
47830 (2361566)	3.09
47831 (2361567)	2.81

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735085

PROJECT: 2021 SURIMEAU DDH BATCH 47

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
47832 (2361568)	2.63
47833 (2361569)	2.56
47834 (2361570)	2.69
47835 (2361571)	3.93
47836 (2361572)	4.13
47837 (2361573)	4.21
47838 (2361574)	4.20
47839 (2361575)	2.75
47840 (2361576)	2.94
47841 (2361577)	1.39
47842 (2361578)	1.26
47843 (2361579)	1.60
47844 (2361580)	2.17
47845C-DUP (2361581)	-
47846 (2361582)	4.62
47847 (2361583)	4.31
47848 (2361584)	4.12
47849 (2361585)	4.43
47850 (2361586)	4.39

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735085

PROJECT: 2021 SURIMEAU DDH BATCH 47

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
47801 (2361537)	<1	7.99	<5	<20	357	<5	0.2	1.61	<0.2	68.8	22.5	0.030	3.2	63
47802 (2361538)	<1	3.23	<5	97	276	<5	<0.1	8.20	<0.2	39.3	7.0	0.015	0.4	70
47803 (2361539)	<1	9.09	<5	<20	516	<5	0.2	2.14	<0.2	77.6	24.4	0.031	2.3	165
47804 (2361540)	<1	9.52	<5	<20	900	<5	0.1	1.13	<0.2	69.3	22.6	0.029	5.1	133
47805 (2361541)	<1	8.90	<5	<20	832	<5	0.2	1.48	<0.2	61.3	24.7	0.029	5.4	39
47806 (2361542)	<1	8.79	<5	<20	680	<5	0.1	1.22	<0.2	66.9	23.5	0.029	5.4	54
47807 (2361543)	<1	9.11	<5	<20	843	<5	0.1	1.53	<0.2	61.7	18.4	0.029	3.3	62
47808 (2361544)	<1	9.14	<5	<20	820	<5	0.1	1.73	<0.2	77.0	25.3	0.027	2.8	81
47809 (2361545)	<1	9.01	<5	<20	1190	<5	<0.1	2.15	<0.2	71.1	26.0	0.033	3.4	55
47810 (2361546)	<1	8.74	<5	<20	810	<5	0.2	1.78	<0.2	71.9	25.1	0.031	4.3	57
47811 (2361547)	<1	9.59	<5	<20	875	<5	0.2	1.70	<0.2	76.0	25.9	0.031	4.0	61
47812C-DUP (2361548)	<1	9.50	<5	<20	847	<5	0.2	1.83	<0.2	74.7	26.0	0.029	3.9	65
47813 (2361549)	<1	9.27	<5	<20	578	<5	0.2	1.50	<0.2	78.2	24.6	0.031	3.4	65
47814 (2361550)	<1	9.22	<5	<20	676	<5	0.2	1.60	<0.2	66.5	22.8	0.031	3.4	61
47815 (2361551)	<1	9.26	<5	<20	696	<5	0.2	1.56	<0.2	65.5	24.7	0.032	3.4	64
47816 (2361552)	<1	9.35	<5	<20	543	<5	0.2	1.00	<0.2	67.6	23.7	0.030	3.6	55
47817 (2361553)	<1	8.72	<5	<20	933	<5	0.2	2.05	<0.2	75.9	22.9	0.045	2.2	42
47818 (2361554)	<1	8.96	<5	<20	155	<5	0.2	0.72	<0.2	64.2	21.0	0.025	0.9	44
47819 (2361555)	<1	9.02	<5	<20	204	<5	0.3	0.78	<0.2	62.8	21.6	0.028	1.2	50
47820 (2361556)	<1	9.22	<5	<20	386	<5	0.1	0.95	<0.2	70.3	23.5	0.032	4.8	55
47821 (2361557)	<1	9.25	<5	<20	382	<5	0.1	0.83	<0.2	62.1	22.7	0.031	4.4	48
47822 (2361558)	<1	3.30	<5	<20	510	<5	<0.1	11.2	<0.2	45.0	6.2	0.012	0.4	<5
47823 (2361559)	<1	9.28	<5	<20	797	<5	0.2	1.99	0.2	70.3	26.2	0.036	3.0	39
47824 (2361560)	<1	9.82	<5	<20	434	<5	0.2	1.01	<0.2	62.0	25.4	0.031	3.1	54
47825 (2361561)	<1	10.1	<5	<20	250	<5	0.4	2.46	<0.2	60.1	23.8	0.034	1.2	78
47826 (2361562)	<1	9.46	9	<20	309	<5	0.4	2.83	<0.2	64.6	22.2	0.030	1.1	44
47827 (2361563)	<1	9.47	<5	<20	310	<5	0.3	1.12	<0.2	54.8	21.6	0.029	2.6	68
47828 (2361564)	<1	8.82	<5	<20	1230	<5	0.2	2.63	<0.2	86.3	22.4	0.035	2.2	58
47829 (2361565)	<1	9.18	<5	<20	709	<5	0.1	1.08	<0.2	65.9	21.8	0.026	3.7	56
47830 (2361566)	<1	6.21	<5	<20	849	<5	0.2	7.21	0.2	65.4	40.9	0.092	1.0	31
47831 (2361567)	<1	9.29	<5	<20	464	<5	0.3	1.21	<0.2	54.5	18.8	0.027	2.2	78
47832 (2361568)	<1	8.93	<5	<20	241	<5	0.2	1.43	0.2	55.1	18.4	0.027	2.0	58

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735085

PROJECT: 2021 SURIMEAU DDH BATCH 47

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
47833 (2361569)	<1	9.06	<5	<20	843	<5	0.2	1.28	0.2	64.4	21.4	0.028	3.4	66
47834 (2361570)	<1	8.68	<5	<20	388	<5	0.2	2.34	<0.2	67.8	20.7	0.034	4.2	57
47835 (2361571)	<1	8.40	<5	<20	658	<5	0.2	1.59	<0.2	67.6	20.6	0.031	3.5	64
47836 (2361572)	<1	9.24	<5	<20	320	<5	0.2	0.85	<0.2	62.0	20.5	0.029	3.3	61
47837 (2361573)	<1	9.22	<5	<20	763	<5	0.2	1.41	<0.2	60.2	19.9	0.029	3.0	47
47838 (2361574)	<1	8.78	<5	<20	345	<5	0.2	0.86	<0.2	67.9	20.6	0.030	3.5	59
47839 (2361575)	<1	8.33	<5	<20	321	<5	0.2	1.14	<0.2	62.5	22.8	0.028	2.7	56
47840 (2361576)	<1	8.77	<5	<20	323	<5	0.2	1.01	<0.2	57.4	20.9	0.030	2.7	51
47841 (2361577)	<1	8.41	<5	<20	690	<5	0.3	1.59	<0.2	102	22.5	0.029	4.0	52
47842 (2361578)	<1	8.55	<5	<20	684	<5	0.3	1.64	<0.2	95.8	22.8	0.028	4.3	57
47843 (2361579)	<1	0.55	<5	<20	41.8	<5	<0.1	0.12	<0.2	4.0	1.5	0.026	0.3	6
47844 (2361580)	<1	9.72	<5	30	528	<5	0.2	1.19	<0.2	58.8	22.1	0.032	3.9	63
47845C-DUP (2361581)	<1	9.66	<5	32	534	<5	0.2	1.17	<0.2	67.2	26.8	0.032	4.8	63
47846 (2361582)	<1	9.04	<5	<20	1020	<5	0.2	1.83	<0.2	71.7	23.9	0.032	4.2	50
47847 (2361583)	<1	9.06	<5	<20	1470	<5	0.1	1.71	<0.2	65.8	22.2	0.029	3.9	52
47848 (2361584)	<1	8.51	<5	<20	1680	<5	0.2	1.92	<0.2	68.2	24.0	0.035	4.5	39
47849 (2361585)	<1	8.70	<5	<20	1710	<5	0.1	2.11	<0.2	68.8	21.2	0.028	4.0	49
47850 (2361586)	<1	9.31	<5	<20	2030	<5	<0.1	1.29	<0.2	71.5	21.5	0.027	4.4	46

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735085

PROJECT: 2021 SURIMEAU DDH BATCH 47

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
47801 (2361537)	2.84	1.48	1.38	4.20	19.4	3.89	2	4	0.60	<0.2	1.27	33.1	24	0.21
47802 (2361538)	3.05	1.84	0.69	1.91	8.38	3.18	1	5	0.63	<0.2	1.52	17.6	35	0.25
47803 (2361539)	2.98	1.53	1.41	4.82	19.2	4.65	<1	5	0.59	<0.2	0.98	36.7	19	0.21
47804 (2361540)	3.08	1.54	1.24	4.48	21.2	4.10	<1	4	0.53	<0.2	1.85	32.9	38	0.20
47805 (2361541)	2.95	1.55	1.23	5.05	23.2	3.91	2	4	0.55	<0.2	2.57	28.2	63	0.22
47806 (2361542)	2.87	1.57	1.29	4.34	22.6	3.79	2	4	0.51	<0.2	2.12	33.4	45	0.23
47807 (2361543)	2.81	1.20	1.26	3.82	20.2	4.14	2	4	0.47	<0.2	1.77	28.7	31	0.17
47808 (2361544)	2.95	1.62	1.52	4.52	19.4	4.37	2	4	0.56	<0.2	1.28	37.9	22	0.18
47809 (2361545)	3.14	1.75	1.33	4.94	22.2	4.39	2	4	0.60	<0.2	2.00	34.5	33	0.23
47810 (2361546)	2.98	1.88	1.39	4.46	22.0	4.19	2	4	0.60	<0.2	2.35	34.3	44	0.25
47811 (2361547)	3.13	1.64	1.31	4.95	22.7	4.63	2	4	0.59	<0.2	2.88	36.5	60	0.24
47812C-DUP (2361548)	3.17	1.60	1.57	5.05	22.1	4.37	2	4	0.58	<0.2	2.81	35.3	59	0.23
47813 (2361549)	2.97	1.61	1.35	4.67	20.4	4.70	2	4	0.57	<0.2	1.54	39.0	31	0.25
47814 (2361550)	2.82	1.46	1.24	4.61	19.4	4.05	1	4	0.55	<0.2	1.89	32.1	44	0.18
47815 (2361551)	2.76	1.73	1.27	4.66	20.8	3.92	2	4	0.55	<0.2	1.94	32.3	45	0.24
47816 (2361552)	2.91	1.54	1.27	4.53	21.4	4.26	2	4	0.57	<0.2	1.95	32.0	50	0.22
47817 (2361553)	2.78	1.34	1.53	4.39	21.1	4.47	2	3	0.50	<0.2	1.16	37.8	25	0.19
47818 (2361554)	2.57	1.29	1.10	3.93	21.8	3.57	2	4	0.49	<0.2	0.45	31.8	<10	0.20
47819 (2361555)	2.67	1.45	1.09	3.85	22.5	3.78	1	4	0.50	<0.2	0.51	29.8	12	0.20
47820 (2361556)	2.84	1.50	1.11	4.56	20.7	4.13	1	4	0.60	<0.2	1.42	34.0	34	0.20
47821 (2361557)	2.49	1.19	1.00	4.35	21.1	3.74	2	4	0.50	<0.2	1.53	30.2	40	0.20
47822 (2361558)	2.90	1.59	0.88	1.95	9.03	3.64	1	4	0.60	<0.2	1.92	19.6	15	0.22
47823 (2361559)	3.18	1.81	1.56	4.95	21.7	4.51	1	4	0.63	<0.2	2.15	33.7	48	0.23
47824 (2361560)	2.90	1.74	1.11	4.68	23.7	3.99	1	4	0.61	<0.2	1.80	30.2	41	0.24
47825 (2361561)	2.94	1.64	1.08	5.24	20.8	4.01	1	4	0.61	<0.2	0.81	28.4	12	0.30
47826 (2361562)	3.11	1.79	1.35	4.26	18.9	4.15	<1	4	0.57	<0.2	0.71	30.7	<10	0.22
47827 (2361563)	2.90	1.50	0.96	4.27	20.1	3.42	<1	4	0.55	<0.2	1.18	26.6	17	0.26
47828 (2361564)	2.89	1.31	1.73	4.40	19.1	4.71	2	4	0.53	<0.2	1.41	42.1	23	0.20
47829 (2361565)	2.93	1.66	1.24	4.26	21.4	4.02	2	3	0.61	<0.2	2.12	32.8	39	0.22
47830 (2361566)	3.50	1.86	2.06	6.29	15.6	6.04	2	3	0.68	<0.2	0.99	29.5	32	0.22
47831 (2361567)	2.43	1.29	0.93	4.28	18.4	3.11	2	3	0.56	<0.2	1.06	26.1	17	0.22
47832 (2361568)	2.41	1.50	1.03	3.93	19.0	3.19	1	3	0.49	<0.2	0.75	26.5	<10	0.19

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735085

PROJECT: 2021 SURIMEAU DDH BATCH 47

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
47833 (2361569)	3.04	1.57	1.25	3.89	19.8	4.23	2	3	0.56	<0.2	1.28	31.9	20	0.21
47834 (2361570)	3.03	1.61	1.32	4.33	19.2	4.13	1	4	0.54	<0.2	0.91	33.7	17	0.23
47835 (2361571)	2.85	1.57	1.20	4.22	18.2	4.18	<1	4	0.52	<0.2	0.93	33.2	19	0.22
47836 (2361572)	2.89	1.63	1.23	4.20	21.3	3.67	1	4	0.57	<0.2	0.87	30.0	16	0.22
47837 (2361573)	2.87	1.52	1.12	4.06	21.4	3.81	<1	4	0.56	<0.2	1.02	28.5	21	0.20
47838 (2361574)	2.89	1.63	1.06	4.09	20.6	3.96	1	5	0.53	<0.2	1.32	33.0	28	0.24
47839 (2361575)	2.67	1.60	1.10	3.97	20.3	3.72	1	4	0.57	<0.2	1.40	30.4	29	0.26
47840 (2361576)	2.76	1.44	1.09	4.12	17.2	3.47	1	4	0.51	<0.2	1.60	28.0	40	0.20
47841 (2361577)	3.82	1.93	1.86	4.50	20.4	6.00	2	4	0.68	<0.2	2.08	49.4	37	0.25
47842 (2361578)	3.69	1.95	1.81	4.51	19.7	5.29	2	5	0.69	<0.2	2.11	46.7	38	0.26
47843 (2361579)	0.18	0.12	<0.05	0.40	1.30	0.32	<1	<1	<0.05	<0.2	0.17	2.1	<10	<0.05
47844 (2361580)	2.31	1.42	1.08	4.84	20.0	3.41	1	4	0.50	<0.2	2.79	28.4	47	0.18
47845C-DUP (2361581)	2.91	1.53	1.31	4.88	23.0	3.99	2	4	0.56	<0.2	2.81	32.5	48	0.22
47846 (2361582)	3.09	1.62	1.36	4.75	21.3	4.37	2	4	0.56	<0.2	2.66	34.1	40	0.22
47847 (2361583)	3.03	1.61	1.15	4.40	19.5	4.00	2	4	0.53	<0.2	2.18	31.7	36	0.23
47848 (2361584)	2.74	1.42	1.33	4.36	20.7	4.00	1	4	0.52	<0.2	2.09	33.0	30	0.26
47849 (2361585)	2.71	1.28	1.18	4.27	19.3	3.92	2	4	0.49	<0.2	2.51	33.3	29	0.20
47850 (2361586)	3.01	1.50	1.31	4.33	21.9	3.93	2	4	0.58	<0.2	2.70	34.7	37	0.21

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735085

PROJECT: 2021 SURIMEAU DDH BATCH 47

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
47801 (2361537)	1.91	638	<2	5	30.1	72	0.08	10	8.23	42.8	0.44	<0.1	14	33.3
47802 (2361538)	4.94	597	<2	5	19.1	11	0.03	5	4.77	34.2	0.16	0.1	6	27.6
47803 (2361539)	2.34	696	<2	6	34.5	81	0.11	10	8.98	33.4	0.73	<0.1	17	30.7
47804 (2361540)	1.86	536	<2	6	30.0	103	0.08	13	8.16	66.5	0.46	<0.1	16	31.2
47805 (2361541)	2.18	673	<2	6	29.1	89	0.09	11	7.29	95.6	0.34	<0.1	19	31.5
47806 (2361542)	1.91	533	<2	6	31.1	87	0.08	15	7.85	81.3	0.42	<0.1	16	32.3
47807 (2361543)	1.75	488	<2	6	29.8	75	0.11	19	7.42	61.5	0.43	0.1	13	31.9
47808 (2361544)	2.11	521	<2	6	34.2	85	0.10	10	9.11	45.5	1.37	<0.1	16	30.0
47809 (2361545)	2.51	701	<2	6	32.4	88	0.11	14	8.35	70.6	0.62	<0.1	20	29.8
47810 (2361546)	2.16	655	<2	6	32.1	93	0.07	18	8.04	87.6	0.65	<0.1	18	30.3
47811 (2361547)	2.31	661	<2	7	34.6	100	0.11	18	8.79	104	0.64	<0.1	19	32.4
47812C-DUP (2361548)	2.43	695	<2	7	34.6	95	0.10	18	8.84	102	0.66	<0.1	19	32.1
47813 (2361549)	2.12	644	<2	6	34.7	94	0.09	9	9.26	52.1	1.00	<0.1	18	33.3
47814 (2361550)	2.14	610	<2	5	30.2	93	0.08	11	7.97	63.2	0.55	<0.1	17	33.6
47815 (2361551)	2.10	601	<2	6	29.2	94	0.06	11	7.79	65.4	0.57	<0.1	17	33.5
47816 (2361552)	2.04	532	<2	6	30.9	89	0.10	10	7.90	60.5	0.35	<0.1	17	33.4
47817 (2361553)	2.57	643	<2	5	36.0	92	0.12	17	8.96	38.0	0.32	0.2	16	35.5
47818 (2361554)	1.60	629	<2	6	29.0	74	0.07	6	7.55	13.3	0.54	<0.1	14	33.5
47819 (2361555)	1.48	419	<2	6	28.7	81	0.06	7	7.50	16.7	1.04	<0.1	16	32.4
47820 (2361556)	2.06	412	<2	6	30.4	107	0.08	8	8.09	47.4	0.40	<0.1	18	34.0
47821 (2361557)	1.83	420	<2	6	26.9	88	0.07	7	7.04	48.3	0.34	<0.1	16	34.4
47822 (2361558)	4.18	733	<2	5	22.0	9	0.06	5	5.39	37.6	0.20	<0.1	6	27.2
47823 (2361559)	2.92	650	<2	6	34.7	125	0.10	12	8.58	68.7	0.24	<0.1	19	33.9
47824 (2361560)	2.00	461	3	6	28.6	104	0.08	9	7.37	58.0	0.75	0.2	20	34.6
47825 (2361561)	2.17	641	3	6	27.2	101	0.11	10	7.27	21.8	1.93	<0.1	22	33.5
47826 (2361562)	1.98	662	2	6	29.9	93	0.14	8	7.58	19.6	2.12	<0.1	16	34.0
47827 (2361563)	1.72	483	<2	5	23.0	87	0.10	8	6.28	34.0	1.25	<0.1	16	35.5
47828 (2361564)	2.45	667	<2	6	38.4	91	0.12	13	10.0	40.9	0.95	<0.1	15	33.2
47829 (2361565)	1.80	486	<2	6	28.6	91	0.06	11	7.86	77.8	0.53	<0.1	17	32.5
47830 (2361566)	6.95	1160	<2	6	34.9	152	0.17	9	8.30	34.5	0.23	<0.1	35	28.0
47831 (2361567)	1.83	455	<2	6	23.3	92	0.08	7	6.41	18.3	1.66	0.1	18	32.4
47832 (2361568)	1.67	475	<2	5	24.2	84	0.06	8	6.29	18.1	1.38	<0.1	16	34.6

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735085

PROJECT: 2021 SURIMEAU DDH BATCH 47

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
47833 (2361569)	1.82	491	<2	5	31.2	79	0.08	9	7.65	24.1	0.69	<0.1	14	35.3
47834 (2361570)	2.36	682	<2	5	32.0	85	0.13	9	7.86	32.6	0.87	<0.1	17	32.9
47835 (2361571)	2.00	592	<2	6	30.2	80	0.11	8	7.82	32.1	0.83	<0.1	15	33.8
47836 (2361572)	1.75	497	<2	6	27.1	89	0.09	8	7.08	26.4	0.58	0.1	15	36.7
47837 (2361573)	1.89	538	<2	5	27.0	85	0.08	11	7.18	34.9	0.36	<0.1	16	34.2
47838 (2361574)	1.66	399	<2	6	28.2	78	0.05	7	7.93	43.4	0.40	<0.1	14	34.1
47839 (2361575)	1.71	452	<2	5	28.0	81	0.08	7	7.34	50.3	0.29	<0.1	15	32.9
47840 (2361576)	1.71	441	<2	5	25.4	85	0.07	6	6.67	52.9	0.30	<0.1	15	33.5
47841 (2361577)	2.09	580	<2	7	46.1	74	0.13	8	12.0	66.7	0.33	<0.1	16	32.6
47842 (2361578)	2.02	567	<2	7	42.5	80	0.13	10	11.7	67.3	0.35	<0.1	16	33.9
47843 (2361579)	0.10	38	5	<1	1.9	19	<0.01	<5	0.44	5.0	0.04	<0.1	<5	50.3
47844 (2361580)	2.06	548	2	5	25.9	105	0.06	7	6.92	75.0	0.30	<0.1	18	32.0
47845C-DUP (2361581)	2.08	556	3	6	29.7	107	0.06	8	7.85	88.4	0.29	<0.1	19	31.4
47846 (2361582)	2.28	664	<2	6	32.5	91	0.09	12	8.79	87.4	0.27	<0.1	18	31.6
47847 (2361583)	2.02	615	<2	6	30.4	84	0.07	22	7.68	74.4	0.26	<0.1	17	32.0
47848 (2361584)	2.20	600	<2	5	31.1	88	0.10	16	7.76	75.5	0.41	<0.1	15	32.5
47849 (2361585)	2.07	639	<2	6	31.6	77	0.10	15	8.08	79.6	0.33	<0.1	15	32.4
47850 (2361586)	1.73	536	<2	6	32.7	87	0.07	11	8.58	90.1	0.26	<0.1	16	33.3

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735085

PROJECT: 2021 SURIMEAU DDH BATCH 47

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
47801 (2361537)	5.2	<1	345	0.7	0.56	8.8	0.34	<0.5	0.22	2.79	103	<1	14.3	1.5
47802 (2361538)	3.5	<1	176	0.5	0.50	9.1	0.20	<0.5	0.30	2.95	42	<1	16.7	2.1
47803 (2361539)	5.7	1	697	0.6	0.60	9.8	0.40	<0.5	0.23	2.61	98	<1	16.2	1.5
47804 (2361540)	4.9	<1	695	0.8	0.55	8.9	0.38	<0.5	0.22	2.81	92	<1	15.1	1.6
47805 (2361541)	5.5	<1	337	0.7	0.52	8.0	0.39	0.5	0.23	2.24	130	<1	14.7	1.6
47806 (2361542)	5.2	<1	398	0.7	0.58	8.5	0.36	<0.5	0.24	2.66	110	<1	14.0	1.3
47807 (2361543)	4.9	<1	664	0.6	0.49	6.8	0.35	<0.5	0.19	2.10	91	<1	12.6	1.1
47808 (2361544)	5.9	2	802	0.6	0.58	8.5	0.39	<0.5	0.22	2.20	101	<1	14.3	1.5
47809 (2361545)	5.7	1	667	0.6	0.59	7.8	0.41	<0.5	0.25	2.16	140	<1	15.9	1.5
47810 (2361546)	5.6	<1	520	0.7	0.58	8.9	0.38	<0.5	0.25	2.42	116	<1	16.5	1.6
47811 (2361547)	6.0	2	479	0.7	0.58	8.8	0.43	<0.5	0.22	2.66	133	<1	15.8	1.6
47812C-DUP (2361548)	6.3	2	481	0.7	0.60	8.5	0.43	<0.5	0.26	2.64	136	<1	15.6	1.6
47813 (2361549)	5.6	1	345	0.7	0.57	7.8	0.41	<0.5	0.22	2.67	129	<1	15.4	1.5
47814 (2361550)	4.9	1	351	0.6	0.52	8.7	0.40	<0.5	0.20	2.70	126	<1	13.2	1.4
47815 (2361551)	5.0	1	351	0.6	0.55	8.9	0.40	<0.5	0.22	3.22	125	<1	15.0	1.5
47816 (2361552)	5.5	<1	234	0.7	0.58	7.7	0.39	<0.5	0.19	2.43	121	<1	14.7	1.6
47817 (2361553)	5.7	<1	714	0.5	0.55	7.3	0.35	<0.5	0.18	2.53	109	<1	12.8	1.3
47818 (2361554)	4.5	<1	192	0.7	0.50	8.4	0.35	<0.5	0.22	2.82	92	<1	13.0	1.5
47819 (2361555)	4.5	1	167	0.7	0.50	8.0	0.36	<0.5	0.21	2.70	103	<1	14.4	1.4
47820 (2361556)	5.4	1	226	0.7	0.54	8.6	0.39	<0.5	0.21	2.61	122	<1	15.1	1.5
47821 (2361557)	4.5	<1	214	0.6	0.49	7.7	0.38	<0.5	0.21	2.42	112	<1	13.7	1.5
47822 (2361558)	3.8	<1	261	<0.5	0.50	2.8	0.26	<0.5	0.22	0.80	39	<1	14.9	1.6
47823 (2361559)	6.0	<1	444	0.6	0.56	7.8	0.42	<0.5	0.22	2.31	131	<1	16.9	1.6
47824 (2361560)	4.5	2	262	0.7	0.52	8.0	0.40	<0.5	0.25	2.43	128	1	15.5	1.6
47825 (2361561)	5.0	2	639	0.7	0.55	7.8	0.43	<0.5	0.26	2.34	118	6	15.7	1.7
47826 (2361562)	5.3	2	688	0.6	0.57	8.2	0.38	<0.5	0.22	2.27	82	6	16.2	1.5
47827 (2361563)	4.0	<1	432	0.6	0.47	7.8	0.38	<0.5	0.21	2.65	99	4	15.0	1.5
47828 (2361564)	6.7	1	1060	0.5	0.52	8.1	0.40	<0.5	0.19	2.45	100	5	13.4	1.3
47829 (2361565)	5.2	1	355	0.7	0.56	7.9	0.37	<0.5	0.24	2.38	117	5	15.6	1.5
47830 (2361566)	7.4	3	811	0.6	0.77	5.8	0.55	<0.5	0.25	1.79	180	5	18.3	1.7
47831 (2361567)	4.2	1	758	0.6	0.45	7.3	0.37	<0.5	0.21	2.26	110	6	13.1	1.4
47832 (2361568)	4.1	1	903	0.6	0.44	7.5	0.34	<0.5	0.21	2.26	95	5	13.1	1.5

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735085

PROJECT: 2021 SURIMEAU DDH BATCH 47

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
47833 (2361569)	5.4	2	702	0.5	0.60	7.3	0.34	<0.5	0.22	2.18	94	5	15.7	1.4
47834 (2361570)	5.3	<1	675	0.6	0.52	7.8	0.37	<0.5	0.20	2.39	111	4	14.1	1.4
47835 (2361571)	5.8	1	500	0.5	0.54	7.9	0.36	<0.5	0.23	2.64	100	5	14.0	1.5
47836 (2361572)	4.6	1	343	0.8	0.56	8.5	0.37	<0.5	0.21	2.83	103	5	14.2	1.6
47837 (2361573)	5.1	1	663	0.7	0.47	7.2	0.34	<0.5	0.22	2.77	110	5	14.3	1.5
47838 (2361574)	4.8	1	275	0.7	0.51	8.9	0.36	<0.5	0.29	3.01	102	5	14.7	1.6
47839 (2361575)	4.8	<1	265	0.6	0.48	8.1	0.35	<0.5	0.20	2.53	102	5	13.5	1.6
47840 (2361576)	4.3	1	267	0.6	0.49	7.7	0.36	<0.5	0.20	2.53	101	5	13.8	1.5
47841 (2361577)	8.0	1	456	0.7	0.70	10.4	0.38	<0.5	0.26	3.14	107	5	18.2	1.8
47842 (2361578)	7.6	1	487	0.7	0.71	10.8	0.38	<0.5	0.26	3.14	104	5	17.7	1.8
47843 (2361579)	0.3	<1	39.8	<0.5	<0.05	0.5	0.02	<0.5	<0.05	0.14	6	5	1.1	0.1
47844 (2361580)	4.4	<1	281	0.6	0.49	7.6	0.41	<0.5	0.22	2.34	126	4	12.8	1.3
47845C-DUP (2361581)	4.9	1	279	0.7	0.56	8.7	0.41	<0.5	0.23	2.74	129	5	14.9	1.5
47846 (2361582)	5.7	1	545	0.6	0.57	8.0	0.40	<0.5	0.21	2.49	129	5	14.9	1.6
47847 (2361583)	5.2	1	749	0.6	0.50	7.8	0.37	<0.5	0.23	2.46	114	5	14.5	1.5
47848 (2361584)	5.6	<1	748	0.6	0.57	8.6	0.36	<0.5	0.22	2.80	105	5	14.3	1.5
47849 (2361585)	5.1	2	816	0.6	0.54	7.6	0.38	<0.5	0.21	2.60	108	5	13.5	1.2
47850 (2361586)	5.0	1	447	0.6	0.56	7.8	0.39	<0.5	0.19	2.29	113	6	13.1	1.4

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735085

PROJECT: 2021 SURIMEAU DDH BATCH 47

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
47801 (2361537)	63	147
47802 (2361538)	27	176
47803 (2361539)	74	192
47804 (2361540)	69	154
47805 (2361541)	80	138
47806 (2361542)	80	145
47807 (2361543)	151	143
47808 (2361544)	97	167
47809 (2361545)	114	144
47810 (2361546)	108	141
47811 (2361547)	112	149
47812C-DUP (2361548)	112	139
47813 (2361549)	109	147
47814 (2361550)	91	141
47815 (2361551)	93	151
47816 (2361552)	82	138
47817 (2361553)	83	130
47818 (2361554)	62	155
47819 (2361555)	57	138
47820 (2361556)	64	141
47821 (2361557)	96	147
47822 (2361558)	34	163
47823 (2361559)	112	140
47824 (2361560)	81	140
47825 (2361561)	73	138
47826 (2361562)	73	139
47827 (2361563)	85	145
47828 (2361564)	91	160
47829 (2361565)	77	127
47830 (2361566)	118	125
47831 (2361567)	96	131
47832 (2361568)	98	130

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735085

PROJECT: 2021 SURIMEAU DDH BATCH 47

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
47833 (2361569)	96	130
47834 (2361570)	102	167
47835 (2361571)	99	163
47836 (2361572)	99	148
47837 (2361573)	75	136
47838 (2361574)	63	169
47839 (2361575)	64	147
47840 (2361576)	61	145
47841 (2361577)	80	168
47842 (2361578)	81	176
47843 (2361579)	10	12.7
47844 (2361580)	72	132
47845C-DUP (2361581)	76	160
47846 (2361582)	91	143
47847 (2361583)	81	144
47848 (2361584)	74	158
47849 (2361585)	87	159
47850 (2361586)	93	140

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735085

PROJECT: 2021 SURIMEAU DDH BATCH 47

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
47801 (2361537)	77.15
47820 (2361556)	79.21
47840 (2361576)	78.67

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735085

PROJECT: 2021 SURIMEAU DDH BATCH 47

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
47801 (2361537)	85.61
47818 (2361554)	85.06
47839 (2361575)	85.21

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O735085

PROJECT: 2021 SURIMEAU DDH BATCH 47

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2361537	< 1	< 1	0.0%	2361551	< 1	< 1	0.0%	2361562	< 1	< 1	0.0%	2361577	< 1	< 1	0.0%
Al	2361537	7.99	7.97	0.3%	2361551	9.26	9.18	0.9%	2361562	9.46	9.66	2.1%	2361577	8.41	8.10	3.8%
As	2361537	< 5	< 5	0.0%	2361551	< 5	< 5	0.0%	2361562	9	8	11.8%	2361577	< 5	< 5	0.0%
B	2361537	< 20	< 20	0.0%	2361551	< 20	< 20	0.0%	2361562	< 20	< 20	0.0%	2361577	< 20	< 20	0.0%
Ba	2361537	357	356	0.3%	2361551	696	722	3.7%	2361562	309	316	2.2%	2361577	690	682	1.2%
Be	2361537	< 5	< 5	0.0%	2361551	< 5	< 5	0.0%	2361562	< 5	< 5	0.0%	2361577	< 5	< 5	0.0%
Bi	2361537	0.2	0.2	0.0%	2361551	0.2	0.2	0.0%	2361562	0.4	0.4	0.0%	2361577	0.3	0.3	0.0%
Ca	2361537	1.61	1.57	2.5%	2361551	1.56	1.56	0.0%	2361562	2.83	3.03	6.8%	2361577	1.59	1.51	5.2%
Cd	2361537	< 0.2	< 0.2	0.0%	2361551	< 0.2	< 0.2	0.0%	2361562	< 0.2	< 0.2	0.0%	2361577	< 0.2	< 0.2	0.0%
Ce	2361537	68.8	67.3	2.2%	2361551	65.5	65.8	0.5%	2361562	64.6	60.1	7.2%	2361577	102	104	1.9%
Co	2361537	22.5	22.4	0.4%	2361551	24.7	24.0	2.9%	2361562	22.2	19.5	12.9%	2361577	22.5	23.1	2.6%
Cr	2361537	0.030	0.031	3.3%	2361551	0.032	0.033	3.1%	2361562	0.0302	0.0307	1.6%	2361577	0.0288	0.0282	2.1%
Cs	2361537	3.2	3.2	0.0%	2361551	3.4	3.4	0.0%	2361562	1.07	0.95	11.9%	2361577	4.04	4.18	3.4%
Cu	2361537	63	67	6.2%	2361551	64	63	1.6%	2361562	44	38	14.6%	2361577	52	50	3.9%
Dy	2361537	2.84	2.62	8.1%	2361551	2.76	2.70	2.2%	2361562	3.11	3.06	1.6%	2361577	3.82	3.72	2.7%
Er	2361537	1.48	1.43	3.4%	2361551	1.73	1.45	17.6%	2361562	1.79	1.60	11.2%	2361577	1.93	1.99	3.1%
Eu	2361537	1.38	1.45	4.9%	2361551	1.27	1.21	4.8%	2361562	1.35	1.19	12.6%	2361577	1.86	1.84	1.1%
Fe	2361537	4.20	4.20	0.0%	2361551	4.66	4.63	0.6%	2361562	4.26	4.18	1.9%	2361577	4.50	4.37	2.9%
Ga	2361537	19.4	19.1	1.6%	2361551	20.8	20.0	3.9%	2361562	18.9	18.7	1.1%	2361577	20.4	20.8	1.9%
Gd	2361537	3.89	3.89	0.0%	2361551	3.92	3.73	5.0%	2361562	4.15	3.93	5.4%	2361577	6.00	6.04	0.7%
Ge	2361537	2	1		2361551	2	2	0.0%	2361562	< 1	< 1	0.0%	2361577	2	2	0.0%
Hf	2361537	4	4	0.0%	2361551	4	4	0.0%	2361562	4	3	28.6%	2361577	4	5	22.2%
Ho	2361537	0.597	0.523	13.2%	2361551	0.546	0.489	11.0%	2361562	0.574	0.590	2.7%	2361577	0.681	0.769	12.1%
In	2361537	< 0.2	< 0.2	0.0%	2361551	< 0.2	< 0.2	0.0%	2361562	< 0.2	< 0.2	0.0%	2361577	< 0.2	< 0.2	0.0%
K	2361537	1.27	1.25	1.6%	2361551	1.94	1.93	0.5%	2361562	0.71	0.66	7.3%	2361577	2.08	2.01	3.4%
La	2361537	33.1	33.2	0.3%	2361551	32.3	31.8	1.6%	2361562	30.7	28.7	6.7%	2361577	49.4	50.3	1.8%
Li	2361537	24	23	4.3%	2361551	45	46	2.2%	2361562	< 10	< 10	0.0%	2361577	37	37	0.0%
Lu	2361537	0.21	0.21	0.0%	2361551	0.237	0.200	16.9%	2361562	0.22	0.25	12.8%	2361577	0.25	0.26	3.9%
Mg	2361537	1.91	1.88	1.6%	2361551	2.10	2.21	5.1%	2361562	1.98	1.84	7.3%	2361577	2.09	2.07	1.0%
Mn	2361537	638	629	1.4%	2361551	601	598	0.5%	2361562	662	684	3.3%	2361577	580	577	0.5%
Mo	2361537	< 2	< 2	0.0%	2361551	< 2	< 2	0.0%	2361562	2	3		2361577	< 2	< 2	0.0%

AGAT Laboratories

Quality Assurance - Replicate

AGAT WORK ORDER: 21O735085

PROJECT: 2021 SURIMEAU DDH BATCH 47

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2361537	5	5	0.0%	2361551	6	6	0.0%	2361562	6	5	18.2%	2361577	7	8	13.3%
Nd	2361537	30.1	31.1	3.3%	2361551	29.2	29.4	0.7%	2361562	29.9	27.4	8.7%	2361577	46.1	48.1	4.2%
Ni	2361537	72	71	1.4%	2361551	94	96	2.1%	2361562	93	86	7.8%	2361577	74	81	9.0%
P	2361537	0.085	0.087	2.3%	2361551	0.06	0.07	15.4%	2361562	0.14	0.14	0.0%	2361577	0.13	0.13	0.0%
Pb	2361537	10	9	10.5%	2361551	11	11	0.0%	2361562	8	8	0.0%	2361577	8	8	0.0%
Pr	2361537	8.23	8.15	1.0%	2361551	7.79	7.80	0.1%	2361562	7.58	7.02	7.7%	2361577	12.0	12.4	3.3%
Rb	2361537	42.8	43.0	0.5%	2361551	65.4	65.7	0.5%	2361562	19.6	18.0	8.5%	2361577	66.7	68.4	2.5%
S	2361537	0.44	0.44	0.0%	2361551	0.57	0.59	3.4%	2361562	2.12	2.19	3.2%	2361577	0.33	0.33	0.0%
Sb	2361537	< 0.1	< 0.1	0.0%	2361551	< 0.1	< 0.1	0.0%	2361562	< 0.1	0.1		2361577	< 0.1	< 0.1	0.0%
Sc	2361537	14	14	0.0%	2361551	17	18	5.7%	2361562	16	17	6.1%	2361577	16	16	0.0%
Si	2361537	33.3	33.3	0.0%	2361551	33.5	33.4	0.3%	2361562	34.0	34.2	0.6%	2361577	32.6	31.3	4.1%
Sm	2361537	5.20	5.46	4.9%	2361551	5.0	5.3	5.8%	2361562	5.27	4.63	12.9%	2361577	8.0	8.3	3.7%
Sn	2361537	< 1	< 1	0.0%	2361551	1	1	0.0%	2361562	2	2	0.0%	2361577	1	1	0.0%
Sr	2361537	345	343	0.6%	2361551	351	346	1.4%	2361562	688	752	8.9%	2361577	456	446	2.2%
Ta	2361537	0.69	0.63	9.1%	2361551	0.6	0.6	0.0%	2361562	0.6	0.6	0.0%	2361577	0.7	0.7	0.0%
Tb	2361537	0.56	0.60	6.9%	2361551	0.55	0.51	7.5%	2361562	0.57	0.54	5.4%	2361577	0.701	0.757	7.7%
Th	2361537	8.76	8.60	1.8%	2361551	8.9	8.7	2.3%	2361562	8.18	8.02	2.0%	2361577	10.4	11.0	5.6%
Ti	2361537	0.34	0.34	0.0%	2361551	0.40	0.40	0.0%	2361562	0.38	0.39	2.6%	2361577	0.383	0.374	2.4%
Tl	2361537	< 0.5	< 0.5	0.0%	2361551	< 0.5	< 0.5	0.0%	2361562	< 0.5	< 0.5	0.0%	2361577	< 0.5	< 0.5	0.0%
Tm	2361537	0.215	0.213	0.9%	2361551	0.222	0.182	19.8%	2361562	0.22	0.23	4.4%	2361577	0.256	0.247	3.6%
U	2361537	2.79	2.72	2.5%	2361551	3.22	2.57	22.5%	2361562	2.27	2.36	3.9%	2361577	3.14	3.14	0.0%
V	2361537	103	100	3.0%	2361551	125	130	3.9%	2361562	82	77	6.3%	2361577	107	107	0.0%
W	2361537	< 1	< 1	0.0%	2361551	< 1	< 1	0.0%	2361562	6	6	0.0%	2361577	5	5	0.0%
Y	2361537	14.3	13.9	2.8%	2361551	15.0	13.0	14.3%	2361562	16.2	15.3	5.7%	2361577	18.2	19.4	6.4%
Yb	2361537	1.5	1.5	0.0%	2361551	1.5	1.4	6.9%	2361562	1.5	1.5	0.0%	2361577	1.79	1.87	4.4%
Zn	2361537	63	62	1.6%	2361551	93	95	2.1%	2361562	73	62	16.3%	2361577	80	80	0.0%
Zr	2361537	147	151	2.7%	2361551	151	152	0.7%	2361562	139	131	5.9%	2361577	168	174	3.5%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O735085

PROJECT: 2021 SURIMEAU DDH BATCH 47

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.44	100%	90% - 110%					6.94	7.68	111%	90% - 110%	13.0	13.8	106%	90% - 110%
As	26	24	91%	90% - 110%												
Ba	540	534	99%	90% - 110%									1310	1387	106%	90% - 110%
Be	4.0	4	100%	90% - 110%												
Ca	0.907	0.898	99%	90% - 110%					4.01	4.34	108%	90% - 110%	1.42	1.47	103%	90% - 110%
Ce	98	112	115%	90% - 110%	58.2	67.4	116%	90% - 110%								
Co	15	14	94%	90% - 110%												
Cu	150	163	108%	90% - 110%												
Er	3.7	4	109%	90% - 110%												
Fe	3.77	3.89	103%	90% - 110%					7.56	8.37	111%	90% - 110%	3.27	3.48	106%	90% - 110%
Ga					22.6	24.3	107%	90% - 110%								
Hf	11	11	98%	90% - 110%												
K	2.55	2.65	104%	90% - 110%					2.02	2.35	117%	90% - 110%	3.68	4.21	114%	90% - 110%
La	44	49	111%	90% - 110%	27.5	31.6	115%	90% - 110%								
Li	47	51	109%	90% - 110%									65.0	80.1	123%	90% - 110%
Lu	0.6	0.6	96%	90% - 110%												
Mg	1.1	1.1	97%	90% - 110%					2.41	2.61	108%	90% - 110%				
Mn	780	796	102%	90% - 110%												
Mo	14	14	102%	90% - 110%												
Nb	20	19	93%	90% - 110%	22.6	22.8	101%	90% - 110%								
Nd					27.3	30	110%	90% - 110%								
Ni	32	35	110%	90% - 110%												
P													0.061	0.072	118%	90% - 110%
Pb	31	34	110%	90% - 110%												
Rb	144	151	105%	90% - 110%	85.4	91.4	107%	90% - 110%								
Sb	0.8	0.8	97%	90% - 110%												
Sc	12	13	106%	90% - 110%												
Si	28.4	30.7	108%	90% - 110%					23.65	27.74	117%	90% - 110%	24.4	27.8	114%	90% - 110%
Sm	7.4	8.6	116%	90% - 110%												
Sr	144	162	112%	90% - 110%									310	356	115%	90% - 110%
Tb	1.2	1.3	105%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Th	18.4	21.2	115%	90% - 110%												
Ti	0.527	0.534	101%	90% - 110%									0.222	0.232	105%	90% - 110%
U	5.7	6.2	109%	90% - 110%												
V	77	80	103%	90% - 110%												
W	5	6	110%	90% - 110%												
Y	40	37	92%	90% - 110%	25.3	26.1	103%	90% - 110%								
Yb					2.66	2.96	111%	90% - 110%								
Zn	130	133	102%	90% - 110%									75.4	95.1	126%	90% - 110%
Zr	390	395	101%	90% - 110%	157	153	98%	90% - 110%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O735085

PROJECT: 2021 SURIMEAU DDH BATCH 47

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC
AGAT WORK ORDER: 21O735085
PROJECT: 2021 SURIMEAU DDH BATCH 47
ATTENTION TO: Francis Newton
SAMPLING SITE:
SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O735085

PROJECT: 2021 SURIMEAU DDH BATCH 47

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH BATCH 48

AGAT WORK ORDER: 21O735086

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 07, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

Disclaimer:

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project Manager if you require additional sample storage time.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
- The test results reported herewith relate only to the samples as received by the laboratory.
- Measurement Uncertainty is not taken into consideration when stating conformity with a specified requirement.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735086

PROJECT: 2021 Surimeau DDH BATCH 48

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
47851 (2361587)	4.98
47852 (2361588)	0.86
47853 (2361589)	2.57
47854 (2361590)	3.01
47855 (2361591)	4.61
47856 (2361592)	4.50
47857 (2361593)	4.67
47858 (2361594)	4.38
47859 (2361595)	4.55
47860 (2361596)	3.10
47861 (2361597)	4.75
47862C-DUP (2361598)	-
47863 (2361599)	4.51
47864 (2361600)	1.55
47865 (2361601)	1.71
47866 (2361602)	3.13
47867 (2361603)	4.50
47868 (2361604)	2.82
47869 (2361605)	1.07
47870 (2361606)	1.80
47871 (2361607)	3.19
47872 (2361608)	0.93
47873 (2361609)	4.24
47874 (2361610)	4.40
47875 (2361611)	3.01
47876 (2361612)	4.36
47877 (2361613)	5.00
47878 (2361614)	4.34
47879 (2361615)	4.54
47880 (2361616)	4.47
47881 (2361617)	4.99

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735086

PROJECT: 2021 Surimeau DDH BATCH 48

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
47882 (2361618)	3.32
47883 (2361619)	4.45
47884 (2361620)	4.52
47885 (2361621)	4.32
47886 (2361622)	4.71
47887 (2361623)	4.42
47888 (2361624)	4.61
47889 (2361625)	4.54
47890 (2361626)	4.62
47891 (2361627)	1.79
47892 (2361628)	1.62
47893 (2361629)	4.96
47894 (2361630)	4.64
47895C-DUP (2361631)	-
47896 (2361632)	4.50
47897 (2361633)	4.67
47898 (2361634)	4.49
47899 (2361635)	3.07
47900 (2361636)	3.60

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735086

PROJECT: 2021 Surimeau DDH BATCH 48

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
47851 (2361587)	<1	8.67	<5	<20	1300	<5	0.2	1.13	<0.2	63.2	23.5	0.025	5.1	42
47852 (2361588)	<1	2.37	<5	105	187	<5	<0.1	12.6	<0.2	27.2	5.1	0.012	0.4	5
47853 (2361589)	<1	8.93	<5	<20	1240	<5	0.1	1.40	<0.2	61.6	19.7	0.023	4.2	43
47854 (2361590)	<1	8.87	<5	<20	1060	<5	0.2	1.23	<0.2	57.8	23.1	0.027	5.0	44
47855 (2361591)	<1	8.65	<5	<20	841	<5	0.1	1.17	<0.2	62.7	24.1	0.027	4.9	47
47856 (2361592)	<1	8.64	<5	<20	895	<5	0.2	1.05	<0.2	67.5	24.6	0.028	5.3	48
47857 (2361593)	<1	8.23	<5	<20	598	<5	0.3	1.26	<0.2	60.6	22.2	0.026	5.1	48
47858 (2361594)	<1	8.41	<5	<20	592	<5	0.2	1.37	<0.2	60.6	25.3	0.034	4.7	52
47859 (2361595)	<1	8.46	<5	<20	795	<5	0.2	1.18	0.2	64.2	26.6	0.029	6.2	46
47860 (2361596)	<1	8.72	<5	<20	827	<5	0.2	1.10	<0.2	63.8	24.9	0.025	4.1	46
47861 (2361597)	<1	9.16	<5	<20	580	<5	0.2	1.34	<0.2	69.4	26.3	0.026	6.3	52
47862C-DUP (2361598)	<1	9.01	<5	<20	584	<5	0.3	1.31	0.5	66.1	26.2	0.027	5.1	51
47863 (2361599)	<1	8.53	<5	<20	443	<5	0.4	3.07	<0.2	61.8	30.0	0.028	3.2	70
47864 (2361600)	<1	8.16	<5	<20	203	<5	0.4	1.74	0.3	57.7	22.5	0.027	4.4	57
47865 (2361601)	<1	8.19	<5	<20	193	<5	0.4	1.54	<0.2	61.9	21.1	0.025	3.5	58
47866 (2361602)	<1	8.79	<5	<20	473	<5	0.2	1.22	0.4	62.3	25.5	0.025	5.6	45
47867 (2361603)	<1	8.76	<5	<20	784	<5	0.1	1.22	<0.2	57.2	22.0	0.023	6.3	51
47868 (2361604)	<1	8.87	<5	<20	767	<5	<0.1	1.21	<0.2	45.4	20.4	0.026	5.9	49
47869 (2361605)	<1	0.36	<5	22	306	<5	<0.1	0.12	<0.2	3.9	2.4	0.016	0.3	15
47870 (2361606)	<1	7.36	<5	<20	2850	<5	<0.1	1.28	<0.2	46.1	4.6	0.016	0.8	29
47871 (2361607)	<1	5.72	<5	<20	2030	<5	<0.1	1.06	0.2	38.4	3.3	0.015	0.5	18
47872 (2361608)	<1	3.63	<5	44	327	<5	<0.1	9.15	<0.2	45.0	6.0	0.011	0.7	6
47873 (2361609)	<1	7.08	<5	<20	1890	9	<0.1	1.56	<0.2	44.2	5.3	0.015	0.7	20
47874 (2361610)	<1	8.05	<5	<20	2110	<5	<0.1	2.45	<0.2	66.9	11.3	0.021	0.7	21
47875 (2361611)	<1	6.92	<5	<20	2430	<5	<0.1	1.67	<0.2	67.1	6.8	0.018	1.3	15
47876 (2361612)	<1	7.86	<5	<20	2830	5	<0.1	1.89	<0.2	78.5	7.3	0.013	0.9	14
47877 (2361613)	<1	8.49	<5	<20	2950	<5	<0.1	2.00	<0.2	85.6	8.8	0.014	1.1	8
47878 (2361614)	<1	8.68	<5	<20	2870	<5	<0.1	2.44	<0.2	93.9	9.9	0.013	1.1	<5
47879 (2361615)	<1	8.10	<5	<20	2660	<5	<0.1	2.17	<0.2	90.9	9.8	0.012	1.0	<5
47880 (2361616)	<1	8.35	<5	<20	2600	<5	<0.1	2.45	<0.2	97.6	10.8	0.012	1.2	<5
47881 (2361617)	<1	8.56	<5	<20	3010	6	<0.1	2.63	<0.2	106	11.7	0.013	1.3	7
47882 (2361618)	<1	8.68	<5	<20	2830	<5	<0.1	2.91	<0.2	109	12.9	0.014	1.6	<5

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735086

PROJECT: 2021 Surimeau DDH BATCH 48

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
47883 (2361619)	<1	8.45	<5	<20	2880	<5	<0.1	2.67	<0.2	106	11.3	0.012	1.9	25
47884 (2361620)	1	8.55	<5	<20	2850	<5	<0.1	2.89	<0.2	114	13.8	0.013	2.4	23
47885 (2361621)	<1	8.68	<5	<20	2850	<5	<0.1	2.89	0.3	111	12.9	0.014	1.3	<5
47886 (2361622)	<1	8.43	<5	<20	2940	<5	<0.1	2.79	<0.2	106	12.8	0.013	1.6	<5
47887 (2361623)	<1	9.24	<5	<20	2760	<5	<0.1	2.90	<0.2	108	11.2	0.013	1.1	16
47888 (2361624)	<1	8.73	<5	<20	2640	<5	<0.1	3.06	<0.2	108	13.7	0.013	1.5	<5
47889 (2361625)	<1	8.73	<5	<20	2860	<5	<0.1	3.10	<0.2	115	14.3	0.013	1.4	<5
47890 (2361626)	<1	8.56	<5	<20	2770	<5	<0.1	3.22	<0.2	120	15.1	0.013	1.1	<5
47891 (2361627)	<1	8.48	<5	<20	2660	<5	<0.1	3.14	<0.2	125	15.9	0.014	0.7	<5
47892 (2361628)	<1	8.45	<5	<20	2560	<5	<0.1	3.26	<0.2	122	15.2	0.015	1.1	<5
47893 (2361629)	<1	8.21	<5	<20	2510	<5	<0.1	2.83	<0.2	115	13.6	0.014	1.7	<5
47894 (2361630)	<1	8.32	<5	<20	2720	<5	<0.1	3.11	<0.2	113	16.4	0.016	1.5	6
47895C-DUP (2361631)	<1	8.45	<5	<20	2670	<5	<0.1	3.15	<0.2	113	14.7	0.015	1.6	5
47896 (2361632)	<1	8.25	<5	<20	2470	<5	<0.1	2.91	<0.2	105	14.0	0.015	1.5	19
47897 (2361633)	<1	8.14	<5	<20	2740	<5	<0.1	2.82	<0.2	109	13.6	0.013	1.8	17
47898 (2361634)	<1	8.51	<5	<20	2650	<5	0.2	2.90	<0.2	111	17.7	0.014	1.6	12
47899 (2361635)	<1	7.88	<5	<20	2540	<5	0.1	2.68	0.3	116	19.2	0.014	1.6	12
47900 (2361636)	<1	5.80	<5	<20	1790	<5	<0.1	1.79	0.6	61.7	10.0	0.017	0.7	27

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735086

PROJECT: 2021 Surimeau DDH BATCH 48

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
47851 (2361587)	3.01	1.47	0.80	4.04	23.0	4.16	1	4	0.56	<0.2	2.41	29.6	33	0.18
47852 (2361588)	2.60	1.83	0.54	1.61	6.43	2.73	1	3	0.57	<0.2	1.22	11.5	25	0.23
47853 (2361589)	2.72	1.32	0.56	3.64	24.3	3.99	1	4	0.50	<0.2	2.25	30.9	31	0.25
47854 (2361590)	2.72	1.45	0.95	3.97	24.7	4.04	1	4	0.48	<0.2	2.57	27.8	35	0.22
47855 (2361591)	2.60	1.58	1.13	4.28	22.7	4.30	2	4	0.52	<0.2	2.56	31.3	40	0.20
47856 (2361592)	2.96	1.54	0.97	4.27	23.1	4.27	1	4	0.53	<0.2	2.59	31.8	44	0.19
47857 (2361593)	2.93	1.47	1.07	3.89	21.6	3.98	1	4	0.44	<0.2	2.01	29.9	40	0.22
47858 (2361594)	2.75	1.44	0.87	4.23	21.8	3.92	1	4	0.53	<0.2	2.04	29.3	45	0.25
47859 (2361595)	3.08	1.44	0.98	4.37	22.5	4.40	1	4	0.53	<0.2	2.40	32.2	53	0.18
47860 (2361596)	2.86	1.60	0.80	4.10	24.0	4.16	1	4	0.48	<0.2	2.57	30.9	51	0.21
47861 (2361597)	2.89	1.53	1.04	4.52	25.3	4.79	1	4	0.61	<0.2	2.38	33.0	57	0.27
47862C-DUP (2361598)	3.24	1.81	1.12	4.49	24.7	4.55	1	4	0.55	<0.2	2.36	31.2	56	0.20
47863 (2361599)	3.31	2.41	1.31	5.29	21.9	4.94	2	4	0.71	0.2	1.29	28.1	35	0.34
47864 (2361600)	2.91	1.83	0.99	3.95	22.0	3.93	1	4	0.52	<0.2	1.28	26.2	37	0.21
47865 (2361601)	2.27	1.42	1.19	3.95	21.3	3.96	1	4	0.53	<0.2	1.44	29.1	38	0.28
47866 (2361602)	2.58	1.54	1.08	4.33	24.1	4.41	1	4	0.50	<0.2	2.05	31.5	69	0.27
47867 (2361603)	2.81	1.61	0.95	4.28	23.7	3.89	1	4	0.52	<0.2	2.17	27.9	89	0.25
47868 (2361604)	2.41	1.36	0.73	3.92	22.2	3.14	1	3	0.41	<0.2	2.08	22.0	88	0.24
47869 (2361605)	0.29	0.17	<0.05	0.36	1.50	0.44	<1	<1	<0.05	<0.2	0.13	2.0	<10	<0.05
47870 (2361606)	1.19	0.84	<0.05	1.24	23.7	2.78	1	3	0.24	<0.2	1.43	22.1	<10	0.08
47871 (2361607)	1.29	0.53	<0.05	1.01	17.2	2.30	<1	3	0.24	<0.2	0.97	18.4	<10	0.06
47872 (2361608)	3.27	2.04	0.87	2.07	9.85	4.40	1	5	0.74	<0.2	2.14	18.0	26	0.34
47873 (2361609)	1.29	0.62	0.50	1.47	21.0	2.87	1	3	0.21	<0.2	1.24	20.2	20	0.11
47874 (2361610)	2.42	1.27	0.53	2.34	24.5	4.15	1	4	0.44	<0.2	1.19	31.0	<10	0.18
47875 (2361611)	1.91	0.52	0.55	1.72	19.3	3.95	<1	4	0.32	<0.2	1.60	31.9	<10	0.11
47876 (2361612)	2.31	1.04	0.74	2.00	21.5	4.93	1	5	0.41	<0.2	1.52	37.8	<10	0.12
47877 (2361613)	2.44	0.94	0.67	2.33	22.5	5.42	1	5	0.50	<0.2	2.07	40.5	<10	0.13
47878 (2361614)	2.60	1.34	1.23	2.69	23.1	6.00	1	5	0.45	<0.2	2.77	45.5	<10	0.25
47879 (2361615)	2.82	1.42	0.85	2.57	21.7	5.60	1	5	0.53	<0.2	2.28	42.8	<10	0.15
47880 (2361616)	3.15	1.16	1.20	2.78	23.3	6.29	1	5	0.48	<0.2	2.43	47.8	<10	0.20
47881 (2361617)	3.12	1.59	0.87	2.85	24.1	6.42	1	5	0.55	<0.2	1.80	52.0	<10	0.20
47882 (2361618)	2.98	1.46	1.12	3.27	25.1	6.83	1	6	0.57	<0.2	2.71	52.8	<10	0.24

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735086

PROJECT: 2021 Surimeau DDH BATCH 48

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
47883 (2361619)	3.07	1.51	1.23	2.94	24.2	6.61	1	5	0.60	<0.2	2.24	52.3	12	0.23
47884 (2361620)	3.62	1.80	1.24	3.22	24.0	7.01	1	6	0.63	<0.2	2.61	57.4	10	0.18
47885 (2361621)	3.58	1.61	1.20	3.15	24.3	6.90	1	6	0.60	<0.2	2.22	56.6	14	0.22
47886 (2361622)	3.10	1.40	1.03	3.12	23.8	6.66	1	5	0.52	<0.2	2.35	52.8	12	0.18
47887 (2361623)	3.33	1.32	1.23	3.16	26.1	6.62	1	5	0.58	<0.2	2.03	51.7	<10	0.18
47888 (2361624)	3.18	1.57	0.95	3.40	24.0	6.94	1	5	0.60	<0.2	2.83	52.3	18	0.24
47889 (2361625)	3.71	1.67	1.39	3.48	23.4	7.36	1	5	0.65	<0.2	2.89	56.9	16	0.29
47890 (2361626)	3.82	1.60	1.60	3.67	24.2	7.82	1	5	0.68	<0.2	2.83	58.5	19	0.26
47891 (2361627)	3.64	2.03	1.36	3.59	24.6	7.47	1	5	0.74	<0.2	2.45	60.1	15	0.24
47892 (2361628)	3.62	1.36	1.53	3.71	24.6	7.23	1	6	0.61	<0.2	2.45	62.2	15	0.29
47893 (2361629)	2.75	1.41	1.17	3.26	24.0	6.55	1	5	0.52	<0.2	2.49	56.4	18	0.18
47894 (2361630)	3.34	1.55	1.24	3.51	23.9	7.01	1	6	0.59	<0.2	2.46	54.0	19	0.17
47895C-DUP (2361631)	3.29	1.32	1.28	3.48	24.2	6.69	1	5	0.58	<0.2	2.42	55.9	19	0.18
47896 (2361632)	2.79	1.53	1.08	3.27	23.4	6.35	1	5	0.44	<0.2	2.54	51.7	<10	0.17
47897 (2361633)	3.82	1.43	1.35	3.30	22.8	7.25	1	5	0.65	<0.2	3.01	55.0	14	0.20
47898 (2361634)	3.81	2.01	1.33	3.57	22.8	7.32	1	5	0.73	<0.2	3.17	54.7	<10	0.16
47899 (2361635)	3.30	1.95	1.36	3.50	22.5	6.98	1	5	0.65	<0.2	3.24	56.5	<10	0.28
47900 (2361636)	2.19	0.94	0.85	2.14	15.8	4.28	<1	3	0.38	<0.2	1.59	29.4	<10	0.11

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735086

PROJECT: 2021 Surimeau DDH BATCH 48

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
47851 (2361587)	1.63	489	3	6	29.5	86	0.07	8	7.46	77.2	0.28	<0.1	15	29.4
47852 (2361588)	4.67	552	<2	3	13.9	22	0.02	<5	3.03	29.4	0.22	<0.1	5	21.3
47853 (2361589)	1.46	465	<2	6	27.3	68	0.05	13	7.10	90.7	0.19	<0.1	13	29.9
47854 (2361590)	1.55	502	<2	7	26.0	85	0.06	14	6.95	96.8	0.20	<0.1	15	28.4
47855 (2361591)	1.71	535	<2	6	29.8	86	0.06	11	7.00	90.6	0.22	<0.1	15	29.2
47856 (2361592)	1.71	508	<2	7	27.4	82	0.06	10	7.82	99.5	0.22	<0.1	15	29.1
47857 (2361593)	1.62	537	<2	6	27.3	81	0.07	9	6.88	76.0	0.30	<0.1	13	30.0
47858 (2361594)	1.83	597	<2	6	28.4	103	0.07	7	7.11	78.0	0.29	<0.1	14	30.1
47859 (2361595)	2.04	550	<2	6	28.9	91	0.07	7	7.33	95.1	0.19	<0.1	16	28.7
47860 (2361596)	1.61	498	<2	6	28.7	86	0.07	12	7.74	101	0.32	<0.1	15	29.0
47861 (2361597)	1.69	525	<2	8	31.2	94	0.06	13	8.11	96.9	0.47	<0.1	16	29.2
47862C-DUP (2361598)	1.78	533	<2	8	29.6	93	0.08	13	7.31	92.1	0.47	<0.1	16	28.6
47863 (2361599)	2.49	825	<2	6	29.1	84	0.09	11	6.79	56.3	0.81	<0.1	23	26.8
47864 (2361600)	1.60	629	<2	7	26.9	88	0.06	8	6.66	47.7	0.86	<0.1	15	29.1
47865 (2361601)	1.44	534	<2	7	27.6	80	0.07	8	7.35	53.5	0.89	<0.1	14	30.1
47866 (2361602)	1.79	536	2	7	27.8	83	0.05	9	7.07	79.0	0.47	<0.1	15	29.5
47867 (2361603)	1.78	541	<2	7	25.1	83	0.07	9	6.50	91.6	0.28	<0.1	16	29.2
47868 (2361604)	1.66	541	<2	6	21.0	78	0.05	13	5.42	83.1	0.25	<0.1	15	29.6
47869 (2361605)	0.05	20	<2	<1	1.8	14	0.03	<5	0.56	4.6	0.12	<0.1	<5	43.6
47870 (2361606)	0.40	240	<2	7	20.2	16	0.06	17	5.37	35.9	0.22	<0.1	<5	32.8
47871 (2361607)	0.34	182	<2	5	18.0	12	0.05	15	4.70	23.2	0.12	<0.1	<5	35.5
47872 (2361608)	4.71	630	<2	7	23.7	17	0.02	8	5.45	65.2	0.16	<0.1	7	23.8
47873 (2361609)	0.58	178	<2	5	21.0	22	0.04	11	5.21	33.3	0.21	<0.1	<5	33.1
47874 (2361610)	1.51	508	<2	8	31.9	37	0.07	18	7.92	27.3	0.19	<0.1	7	29.7
47875 (2361611)	0.66	362	<2	6	30.8	31	0.07	19	7.87	42.0	0.15	<0.1	<5	33.3
47876 (2361612)	0.71	404	<2	7	37.3	18	0.09	19	9.48	39.3	0.14	<0.1	<5	31.1
47877 (2361613)	0.99	465	<2	7	40.2	37	0.08	17	9.95	54.9	0.08	<0.1	5	30.4
47878 (2361614)	1.16	557	<2	8	44.9	29	0.11	23	11.2	71.1	0.04	<0.1	7	29.1
47879 (2361615)	1.17	521	<2	7	39.7	30	0.11	16	11.1	72.7	0.11	<0.1	7	28.7
47880 (2361616)	1.21	597	<2	8	46.4	51	0.10	20	11.9	60.9	0.05	<0.1	7	28.5
47881 (2361617)	1.30	615	<2	7	48.1	29	0.12	22	12.4	50.1	0.09	<0.1	8	29.0
47882 (2361618)	1.44	688	<2	7	49.8	34	0.13	22	12.5	77.3	0.06	<0.1	9	29.2

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735086

PROJECT: 2021 Surimeau DDH BATCH 48

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
47883 (2361619)	1.30	631	<2	10	47.9	33	0.12	35	12.9	67.5	0.17	<0.1	8	28.9
47884 (2361620)	1.38	671	<2	8	54.7	37	0.13	38	13.9	72.4	0.09	<0.1	9	29.4
47885 (2361621)	1.32	708	<2	8	48.9	36	0.11	28	12.6	58.6	0.05	<0.1	8	28.6
47886 (2361622)	1.38	652	<2	7	48.0	40	0.13	25	12.8	55.6	0.05	<0.1	8	28.6
47887 (2361623)	1.38	674	<2	9	49.9	36	0.14	27	12.8	61.1	0.15	<0.1	8	29.8
47888 (2361624)	1.52	718	<2	8	51.1	40	0.13	25	13.1	68.6	0.05	<0.1	9	28.6
47889 (2361625)	1.54	745	<2	8	54.7	36	0.13	24	13.8	70.4	0.05	<0.1	10	27.9
47890 (2361626)	1.63	772	<2	8	52.9	40	0.14	24	14.2	69.4	0.05	<0.1	10	27.5
47891 (2361627)	1.65	746	<2	8	54.5	39	0.14	23	14.3	67.8	0.05	<0.1	10	27.6
47892 (2361628)	1.71	781	<2	8	55.2	45	0.13	22	14.1	70.9	0.06	<0.1	10	27.6
47893 (2361629)	1.66	669	<2	6	50.8	47	0.11	24	13.3	66.8	0.07	<0.1	9	27.7
47894 (2361630)	1.85	752	<2	7	49.7	53	0.13	25	13.0	69.7	0.08	<0.1	10	27.2
47895C-DUP (2361631)	1.69	727	<2	7	50.5	49	0.12	25	13.8	67.9	0.09	<0.1	10	27.7
47896 (2361632)	1.63	700	<2	7	46.8	50	0.14	23	12.3	69.9	0.22	<0.1	9	28.5
47897 (2361633)	1.57	715	<2	8	51.7	40	0.14	20	13.0	94.4	0.25	<0.1	9	27.0
47898 (2361634)	1.75	740	<2	8	49.3	47	0.13	16	13.0	95.3	0.35	<0.1	10	28.2
47899 (2361635)	1.71	698	<2	7	49.8	50	0.15	13	14.1	112	0.41	<0.1	10	26.8
47900 (2361636)	1.07	455	<2	7	27.9	39	0.09	90	7.31	51.2	0.22	<0.1	6	33.7

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735086

PROJECT: 2021 Surimeau DDH BATCH 48

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
47851 (2361587)	5.3	3	328	0.5	0.50	7.8	0.34	0.5	0.22	2.35	105	<1	13.5	1.6
47852 (2361588)	2.7	2	177	<0.5	0.42	1.7	0.10	<0.5	0.22	0.60	22	<1	13.9	1.6
47853 (2361589)	4.8	3	611	<0.5	0.37	6.7	0.31	0.6	0.16	2.54	91	<1	12.5	1.1
47854 (2361590)	4.8	3	375	<0.5	0.39	7.3	0.33	0.6	0.20	2.15	105	<1	14.4	1.3
47855 (2361591)	4.2	3	279	<0.5	0.50	7.7	0.35	0.6	0.18	2.48	106	<1	12.9	1.3
47856 (2361592)	5.5	2	266	<0.5	0.49	8.0	0.35	0.6	0.21	2.59	106	<1	13.3	1.6
47857 (2361593)	3.7	2	290	<0.5	0.50	8.2	0.32	<0.5	0.23	2.57	94	<1	12.8	1.2
47858 (2361594)	5.0	1	312	<0.5	0.55	7.4	0.33	<0.5	0.19	2.48	98	<1	14.5	1.4
47859 (2361595)	5.3	2	245	0.5	0.55	7.6	0.36	0.5	0.25	2.52	111	<1	14.8	1.5
47860 (2361596)	4.9	2	324	<0.5	0.40	8.2	0.33	0.6	0.21	2.52	103	<1	13.4	1.3
47861 (2361597)	5.0	3	379	0.5	0.50	8.5	0.36	0.6	0.22	2.65	112	<1	16.1	1.8
47862C-DUP (2361598)	6.0	2	371	<0.5	0.51	8.2	0.36	0.7	0.24	2.38	114	<1	14.5	1.7
47863 (2361599)	5.9	4	871	<0.5	0.54	7.8	0.39	<0.5	0.26	2.24	153	<1	20.2	2.3
47864 (2361600)	4.0	2	645	<0.5	0.51	7.4	0.31	<0.5	0.17	2.59	103	<1	13.2	1.6
47865 (2361601)	4.8	2	535	<0.5	0.47	7.8	0.31	<0.5	0.21	2.69	90	<1	13.4	1.6
47866 (2361602)	5.0	2	393	<0.5	0.49	9.3	0.34	0.5	0.20	2.71	106	<1	14.7	1.6
47867 (2361603)	4.3	3	461	<0.5	0.45	7.5	0.34	0.7	0.24	2.40	103	<1	14.0	1.5
47868 (2361604)	3.2	1	425	0.5	0.41	6.6	0.33	0.7	0.22	2.30	103	<1	12.3	1.5
47869 (2361605)	0.3	<1	48.4	<0.5	<0.05	0.4	<0.01	<0.5	<0.05	0.41	<5	<1	1.3	<0.1
47870 (2361606)	3.8	3	1210	<0.5	0.32	4.7	0.12	<0.5	0.09	1.62	20	<1	8.6	0.9
47871 (2361607)	2.7	<1	1020	<0.5	0.26	4.2	0.09	<0.5	0.10	1.24	17	<1	7.0	0.5
47872 (2361608)	5.1	2	176	<0.5	0.55	3.4	0.19	<0.5	0.31	1.38	39	<1	19.8	1.8
47873 (2361609)	3.4	2	1010	<0.5	0.31	4.7	0.12	<0.5	0.11	2.63	24	<1	8.7	0.6
47874 (2361610)	5.2	2	1440	<0.5	0.50	6.2	0.20	<0.5	0.16	2.09	43	<1	10.0	1.0
47875 (2361611)	5.2	1	1480	<0.5	0.44	6.4	0.16	<0.5	0.14	1.63	33	<1	8.9	0.7
47876 (2361612)	5.2	2	1640	<0.5	0.48	7.2	0.21	<0.5	0.14	1.56	37	<1	12.3	0.9
47877 (2361613)	6.5	3	1540	<0.5	0.51	7.9	0.23	<0.5	0.16	1.64	40	<1	12.4	1.2
47878 (2361614)	8.1	<1	1830	<0.5	0.64	9.2	0.25	0.6	0.18	2.05	49	<1	15.0	1.3
47879 (2361615)	6.6	3	1330	<0.5	0.54	8.2	0.24	0.5	0.17	1.84	48	<1	13.6	1.3
47880 (2361616)	9.2	1	1640	<0.5	0.55	8.6	0.25	0.6	0.16	1.98	54	<1	15.7	1.2
47881 (2361617)	8.3	2	1870	<0.5	0.75	9.1	0.26	<0.5	0.19	1.92	56	<1	14.8	1.3
47882 (2361618)	8.9	<1	1780	<0.5	0.69	9.2	0.28	0.8	0.22	1.90	61	<1	15.8	1.3

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735086

PROJECT: 2021 Surimeau DDH BATCH 48

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
47883 (2361619)	8.1	4	1870	<0.5	0.64	9.1	0.27	0.5	0.17	1.93	53	<1	15.7	1.4
47884 (2361620)	9.2	1	1850	<0.5	0.72	9.1	0.29	0.7	0.22	1.71	57	<1	16.5	1.6
47885 (2361621)	8.6	3	2040	<0.5	0.70	9.4	0.28	0.5	0.16	1.81	58	<1	17.0	1.4
47886 (2361622)	8.8	2	1980	0.5	0.71	8.9	0.27	0.6	0.18	1.81	60	<1	14.8	1.4
47887 (2361623)	7.1	2	1890	<0.5	0.77	8.8	0.29	<0.5	0.22	2.01	63	<1	17.9	1.5
47888 (2361624)	8.3	3	2050	<0.5	0.71	9.3	0.30	0.7	0.19	1.90	69	<1	17.0	1.4
47889 (2361625)	8.9	2	2030	<0.5	0.67	9.2	0.32	0.6	0.22	1.87	78	<1	17.7	1.6
47890 (2361626)	8.7	2	2040	<0.5	0.65	9.5	0.33	0.7	0.25	2.08	78	<1	17.5	1.5
47891 (2361627)	9.5	2	1940	<0.5	0.86	9.8	0.32	<0.5	0.25	2.47	79	<1	18.4	1.5
47892 (2361628)	9.2	2	1920	<0.5	0.69	9.6	0.32	0.6	0.23	2.41	80	<1	18.1	1.4
47893 (2361629)	9.1	1	1750	<0.5	0.72	8.7	0.29	0.7	0.24	2.20	70	<1	15.6	1.3
47894 (2361630)	9.2	2	1970	<0.5	0.63	9.1	0.30	0.6	0.18	1.76	78	<1	14.1	1.3
47895C-DUP (2361631)	8.2	1	2000	<0.5	0.64	9.1	0.30	0.7	0.19	1.73	76	<1	14.2	1.4
47896 (2361632)	8.0	1	1810	<0.5	0.70	8.5	0.28	0.6	0.18	2.14	74	<1	15.1	1.4
47897 (2361633)	9.7	1	1600	<0.5	0.81	8.8	0.29	0.9	0.22	2.20	77	<1	20.1	1.5
47898 (2361634)	9.0	3	1450	<0.5	0.69	9.3	0.30	0.9	0.19	2.71	80	<1	17.6	1.5
47899 (2361635)	9.5	1	1020	<0.5	0.70	9.3	0.29	1.1	0.24	2.59	82	3	17.7	1.5
47900 (2361636)	5.7	2	1010	<0.5	0.46	5.9	0.20	<0.5	0.14	1.73	50	<1	10.9	1.0

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735086

PROJECT: 2021 Surimeau DDH BATCH 48

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
47851 (2361587)	65	141
47852 (2361588)	20	116
47853 (2361589)	63	143
47854 (2361590)	84	136
47855 (2361591)	74	141
47856 (2361592)	86	157
47857 (2361593)	87	146
47858 (2361594)	72	145
47859 (2361595)	76	158
47860 (2361596)	95	141
47861 (2361597)	75	155
47862C-DUP (2361598)	79	148
47863 (2361599)	86	138
47864 (2361600)	53	136
47865 (2361601)	51	137
47866 (2361602)	102	155
47867 (2361603)	68	139
47868 (2361604)	102	124
47869 (2361605)	6	3.0
47870 (2361606)	27	131
47871 (2361607)	26	103
47872 (2361608)	29	174
47873 (2361609)	18	117
47874 (2361610)	70	149
47875 (2361611)	52	146
47876 (2361612)	56	170
47877 (2361613)	62	189
47878 (2361614)	72	202
47879 (2361615)	58	181
47880 (2361616)	70	194
47881 (2361617)	76	203
47882 (2361618)	82	207

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735086

PROJECT: 2021 Surimeau DDH BATCH 48

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
47883 (2361619)	93	198
47884 (2361620)	88	205
47885 (2361621)	86	211
47886 (2361622)	79	197
47887 (2361623)	80	201
47888 (2361624)	88	199
47889 (2361625)	85	207
47890 (2361626)	87	217
47891 (2361627)	79	214
47892 (2361628)	84	211
47893 (2361629)	79	195
47894 (2361630)	90	197
47895C-DUP (2361631)	93	201
47896 (2361632)	88	192
47897 (2361633)	88	190
47898 (2361634)	87	211
47899 (2361635)	70	193
47900 (2361636)	384	132

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735086

PROJECT: 2021 Surimeau DDH BATCH 48

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
47851 (2361587)	80.85
47870 (2361606)	78.35
47890 (2361626)	82.15

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735086

PROJECT: 2021 Surimeau DDH BATCH 48

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 07, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
47851 (2361587)	85.83
47869 (2361605)	87.04
47887 (2361623)	87.44

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O735086

PROJECT: 2021 Surimeau DDH BATCH 48

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2361587	< 1	< 1	0.0%	2361601	< 1	< 1	0.0%	2361612	< 1	< 1	0.0%	2361627	< 1	< 1	0.0%
Al	2361587	8.67	8.56	1.3%	2361601	8.19	7.99	2.5%	2361612	7.86	7.93	0.9%	2361627	8.48	8.52	0.5%
As	2361587	< 5	< 5	0.0%	2361601	< 5	< 5	0.0%	2361612	< 5	< 5	0.0%	2361627	< 5	< 5	0.0%
B	2361587	< 20	< 20	0.0%	2361601	< 20	< 20	0.0%	2361612	< 20	< 20	0.0%	2361627	< 20	< 20	0.0%
Ba	2361587	1300	1260	3.1%	2361601	193	193	0.0%	2361612	2830	2860	1.1%	2361627	2660	2610	1.9%
Be	2361587	< 5	< 5	0.0%	2361601	< 5	< 5	0.0%	2361612	5	4	22.2%	2361627	< 5	6	
Bi	2361587	0.2	0.2	0.0%	2361601	0.4	0.4	0.0%	2361612	< 0.1	< 0.1	0.0%	2361627	< 0.1	< 0.1	0.0%
Ca	2361587	1.13	1.14	0.9%	2361601	1.54	1.49	3.3%	2361612	1.89	1.88	0.5%	2361627	3.14	3.08	1.9%
Cd	2361587	< 0.2	< 0.2	0.0%	2361601	< 0.2	< 0.2	0.0%	2361612	< 0.2	< 0.2	0.0%	2361627	< 0.2	< 0.2	0.0%
Ce	2361587	63.2	64.1	1.4%	2361601	61.9	62.0	0.2%	2361612	78.5	75.9	3.4%	2361627	125	121	3.3%
Co	2361587	23.5	25.2	7.0%	2361601	21.1	20.7	1.9%	2361612	7.3	6.9	5.6%	2361627	15.9	16.2	1.9%
Cr	2361587	0.025	0.024	4.1%	2361601	0.025	0.025	0.0%	2361612	0.013	0.013	0.0%	2361627	0.014	0.014	0.0%
Cs	2361587	5.12	5.31	3.6%	2361601	3.5	3.8	8.2%	2361612	0.9	0.7	25.0%	2361627	0.7	0.8	13.3%
Cu	2361587	42	42	0.0%	2361601	58	58	0.0%	2361612	14	14	0.0%	2361627	< 5	< 5	0.0%
Dy	2361587	3.01	2.67	12.0%	2361601	2.27	2.81	21.3%	2361612	2.31	2.05	11.9%	2361627	3.64	3.84	5.3%
Er	2361587	1.47	1.61	9.1%	2361601	1.42	1.54	8.1%	2361612	1.04	0.98	5.9%	2361627	2.03	1.55	26.8%
Eu	2361587	0.80	0.81	1.2%	2361601	1.19	0.80		2361612	0.74	0.90	19.5%	2361627	1.36	1.37	0.7%
Fe	2361587	4.04	4.01	0.7%	2361601	3.95	3.85	2.6%	2361612	2.00	1.95	2.5%	2361627	3.59	3.53	1.7%
Ga	2361587	23.0	23.1	0.4%	2361601	21.3	21.2	0.5%	2361612	21.5	21.9	1.8%	2361627	24.6	24.8	0.8%
Gd	2361587	4.16	4.37	4.9%	2361601	3.96	3.84	3.1%	2361612	4.93	4.69	5.0%	2361627	7.47	7.45	0.3%
Ge	2361587	1	2		2361601	1	< 1		2361612	1	1	0.0%	2361627	1	1	0.0%
Hf	2361587	4	4	0.0%	2361601	4	4	0.0%	2361612	5	5	0.0%	2361627	5	6	18.2%
Ho	2361587	0.56	0.61	8.5%	2361601	0.53	0.55	3.7%	2361612	0.41	0.38	7.6%	2361627	0.738	0.682	7.9%
In	2361587	< 0.2	< 0.2	0.0%	2361601	< 0.2	< 0.2	0.0%	2361612	< 0.2	< 0.2	0.0%	2361627	< 0.2	< 0.2	0.0%
K	2361587	2.41	2.38	1.3%	2361601	1.44	1.39	3.5%	2361612	1.52	1.51	0.7%	2361627	2.45	2.45	0.0%
La	2361587	29.6	31.6	6.5%	2361601	29.1	30.2	3.7%	2361612	37.8	36.2	4.3%	2361627	60.1	61.3	2.0%
Li	2361587	33	31	6.3%	2361601	38	38	0.0%	2361612	< 10	< 10	0.0%	2361627	15	14	6.9%
Lu	2361587	0.181	0.199	9.5%	2361601	0.28	0.20		2361612	0.119	0.136	13.3%	2361627	0.24	0.24	0.0%
Mg	2361587	1.63	1.57	3.8%	2361601	1.44	1.46	1.4%	2361612	0.71	0.75	5.5%	2361627	1.65	1.60	3.1%
Mn	2361587	489	463	5.5%	2361601	534	523	2.1%	2361612	404	381	5.9%	2361627	746	734	1.6%
Mo	2361587	3	< 2		2361601	< 2	< 2	0.0%	2361612	< 2	< 2	0.0%	2361627	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2361587	6	6	0.0%	2361601	7	6	15.4%	2361612	7	7	0.0%	2361627	8	9	11.8%
Nd	2361587	29.5	29.0	1.7%	2361601	27.6	27.1	1.8%	2361612	37.3	39.2	5.0%	2361627	54.5	54.1	0.7%
Ni	2361587	86	80	7.2%	2361601	80	78	2.5%	2361612	18	20	10.5%	2361627	39	45	14.3%
P	2361587	0.07	0.07	0.0%	2361601	0.07	0.07	0.0%	2361612	0.09	0.09	0.0%	2361627	0.136	0.135	0.7%
Pb	2361587	8	8	0.0%	2361601	8	8	0.0%	2361612	19	19	0.0%	2361627	23	22	4.4%
Pr	2361587	7.46	7.51	0.7%	2361601	7.35	6.83	7.3%	2361612	9.48	8.73	8.2%	2361627	14.3	14.7	2.8%
Rb	2361587	77.2	86.4	11.2%	2361601	53.5	52.4	2.1%	2361612	39.3	35.4	10.4%	2361627	67.8	70.1	3.3%
S	2361587	0.277	0.273	1.5%	2361601	0.89	0.89	0.0%	2361612	0.136	0.124	9.2%	2361627	0.05	0.05	0.0%
Sb	2361587	< 0.1	< 0.1	0.0%	2361601	< 0.1	< 0.1	0.0%	2361612	< 0.1	< 0.1	0.0%	2361627	< 0.1	< 0.1	0.0%
Sc	2361587	15	14	6.9%	2361601	14	14	0.0%	2361612	< 5	< 5	0.0%	2361627	10	10	0.0%
Si	2361587	29.4	29.1	1.0%	2361601	30.1	29.3	2.7%	2361612	31.1	31.8	2.2%	2361627	27.6	27.4	0.7%
Sm	2361587	5.3	4.7	12.0%	2361601	4.8	4.3	11.0%	2361612	5.2	6.1	15.9%	2361627	9.5	10.3	8.1%
Sn	2361587	3	3	0.0%	2361601	2	2	0.0%	2361612	2	3		2361627	2	2	0.0%
Sr	2361587	328	320	2.5%	2361601	535	524	2.1%	2361612	1640	1630	0.6%	2361627	1940	1970	1.5%
Ta	2361587	0.53	0.43	20.8%	2361601	< 0.5	< 0.5	0.0%	2361612	< 0.5	< 0.5	0.0%	2361627	< 0.5	< 0.5	0.0%
Tb	2361587	0.50	0.47	6.2%	2361601	0.469	0.463	1.3%	2361612	0.48	0.50	4.1%	2361627	0.855	0.786	8.4%
Th	2361587	7.8	8.2	5.0%	2361601	7.8	7.8	0.0%	2361612	7.17	6.83	4.9%	2361627	9.8	9.5	3.1%
Ti	2361587	0.34	0.34	0.0%	2361601	0.31	0.31	0.0%	2361612	0.205	0.199	3.0%	2361627	0.32	0.32	0.0%
Tl	2361587	0.55	0.61	10.3%	2361601	< 0.5	< 0.5	0.0%	2361612	< 0.5	< 0.5	0.0%	2361627	< 0.5	0.6	
Tm	2361587	0.22	0.22	0.0%	2361601	0.21	0.23	9.1%	2361612	0.14	0.13	7.4%	2361627	0.255	0.245	4.0%
U	2361587	2.35	2.55	8.2%	2361601	2.69	2.79	3.6%	2361612	1.56	1.55	0.6%	2361627	2.47	2.56	3.6%
V	2361587	105	99	5.9%	2361601	90	89	1.1%	2361612	37	34	8.5%	2361627	79	79	0.0%
W	2361587	< 1	< 1	0.0%	2361601	< 1	< 1	0.0%	2361612	< 1	< 1	0.0%	2361627	< 1	< 1	0.0%
Y	2361587	13.5	15.7	15.1%	2361601	13.4	13.8	2.9%	2361612	12.3	11.5	6.7%	2361627	18.4	18.1	1.6%
Yb	2361587	1.56	1.52	2.6%	2361601	1.6	1.5	6.5%	2361612	0.94	1.07	12.9%	2361627	1.5	1.6	6.5%
Zn	2361587	65	54	18.5%	2361601	51	57	11.1%	2361612	56	55	1.8%	2361627	79	78	1.3%
Zr	2361587	141	145	2.8%	2361601	137	137	0.0%	2361612	170	167	1.8%	2361627	214	210	1.9%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O735086

PROJECT: 2021 Surimeau DDH BATCH 48

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.57	101%	90% - 110%					6.94	7.06	102%	90% - 110%	13.0	13.1	101%	90% - 110%
As	26	30	115%	90% - 110%												
Ba	540	489	91%	90% - 110%									1310	1253	96%	90% - 110%
Ca	0.907	0.908	100%	90% - 110%					4.01	4.06	101%	90% - 110%	1.42	1.35	95%	90% - 110%
Ce	98	108	110%	90% - 110%	58.2	67.1	115%	90% - 110%								
Co	15	14	92%	90% - 110%												
Cu	150	155	103%	90% - 110%									6.4	6.1	95%	90% - 110%
Er	3.7	4	108%	90% - 110%												
Fe	3.77	3.9	103%	90% - 110%					7.56	7.9	104%	90% - 110%	3.27	3.25	100%	90% - 110%
Ga					22.6	25.7	114%	90% - 110%								
Hf	11	11	101%	90% - 110%												
K	2.55	2.69	106%	90% - 110%					2.02	2.15	106%	90% - 110%	3.68	3.98	108%	90% - 110%
La	44	47	107%	90% - 110%	27.5	31.5	114%	90% - 110%								
Li	47	48	103%	90% - 110%									65.0	69.6	107%	90% - 110%
Lu	0.6	0.6	96%	90% - 110%												
Mg	1.1	1.1	96%	90% - 110%					2.41	2.35	98%	90% - 110%				
Mn	780	777	100%	90% - 110%												
Mo	14	15	109%	90% - 110%												
Nb	20	20	100%	90% - 110%	22.6	24.3	107%	90% - 110%								
Nd					27.3	30.5	112%	90% - 110%								
Ni	32	36	113%	90% - 110%												
P													0.061	0.063	103%	90% - 110%
Pb	31	33	107%	90% - 110%												
Rb	144	147	102%	90% - 110%	85.4	95.9	112%	90% - 110%								
Sb	0.8	0.8	95%	90% - 110%												
Sc	12	12	100%	90% - 110%												
Si	28.4	28.5	100%	90% - 110%					23.65	23.66	100%	90% - 110%	24.4	24	98%	90% - 110%
Sm	7.4	8.6	116%	90% - 110%												
Sr	144	154	107%	90% - 110%									310	319	103%	90% - 110%
Ta	1.9	1.9	100%	90% - 110%												
Tb	1.2	1.4	115%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Th	18.4	19.7	107%	90% - 110%												
Ti	0.527	0.521	99%	90% - 110%									0.222	0.209	94%	90% - 110%
U	5.7	5.8	102%	90% - 110%												
V	77	76	99%	90% - 110%												
W	5	5	103%	90% - 110%												
Y	40	40	101%	90% - 110%	25.3	27.9	110%	90% - 110%								
Yb					2.66	2.9	109%	90% - 110%								
Zn	130	125	96%	90% - 110%									75.4	70.3	93%	90% - 110%
Zr	390	383	98%	90% - 110%	157	163	104%	90% - 110%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O735086

PROJECT: 2021 Surimeau DDH BATCH 48

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC
AGAT WORK ORDER: 21O735086
PROJECT: 2021 Surimeau DDH BATCH 48
ATTENTION TO: Francis Newton
SAMPLING SITE:
SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O735086

PROJECT: 2021 Surimeau DDH BATCH 48

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton
PROJECT: 2021 Surimeau DDH Batch 49
AGAT WORK ORDER: 21O735087
SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician
DATE REPORTED: Sep 21, 2021
PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735087

PROJECT: 2021 Surimeau DDH Batch 49

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
47901 (2361637)	2.93
47902 (2361638)	0.81
47903 (2361639)	3.04
47904 (2361640)	4.34
47905 (2361641)	0.06
47906 (2361642)	2.15
47907 (2361643)	3.68
47908 (2361644)	2.44
47909 (2361645)	2.33
47910 (2361646)	3.74
47911 (2361647)	3.45
47912C-DUP (2361648)	-
47913 (2361649)	2.70
47914 (2361650)	2.50
47915 (2361651)	1.97
47916 (2361652)	3.04
47917 (2361653)	3.31
47918 (2361654)	3.42
47919 (2361655)	3.83
47920 (2361656)	3.79
47921 (2361657)	2.90
47922 (2361658)	0.78
47923 (2361659)	2.48
47924 (2361660)	3.16
47925 (2361661)	4.52
47926 (2361662)	4.29
47927 (2361663)	3.22
47928 (2361664)	3.50
47929 (2361665)	4.56
47930 (2361666)	4.73
47931 (2361667)	3.78

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735087

PROJECT: 2021 Surimeau DDH Batch 49

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
47932 (2361668)	4.82
47933 (2361669)	4.46
47934 (2361670)	4.98
47935 (2361671)	4.65
47936 (2361672)	4.67
47937 (2361673)	5.07
47938 (2361674)	3.27
47939 (2361675)	4.92
47940 (2361676)	5.19
47941 (2361677)	2.87
47942 (2361678)	2.13
47943 (2361679)	3.50
47944 (2361680)	3.00
47945C-DUP (2361681)	-
47946 (2361682)	2.97
47947 (2361683)	3.22
47948 (2361684)	2.99
47949 (2361685)	2.66
47950 (2361686)	2.75

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735087

PROJECT: 2021 Surimeau DDH Batch 49

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
47901 (2361637)	<1	8.27	<5	<20	2870	<5	<0.1	2.77	0.3	97.5	13.4	0.017	2.0	32
47902 (2361638)	<1	4.02	<5	67	395	<5	<0.1	7.02	<0.2	71.6	6.6	0.021	1.2	8
47903 (2361639)	<1	7.59	<5	<20	2580	<5	<0.1	2.58	<0.2	85.8	11.7	0.022	1.8	23
47904 (2361640)	<1	8.44	<5	<20	2930	<5	0.1	3.00	<0.2	101	13.3	0.019	2.2	35
47905 (2361641)	5	1.02	23	85	62.3	<5	0.7	2.38	1.1	10.8	1220	0.023	0.8	15082
47906 (2361642)	<1	8.14	<5	<20	2610	<5	0.1	2.68	<0.2	90.9	12.8	0.020	1.7	48
47907 (2361643)	1	8.93	<5	<20	1050	<5	0.1	0.94	<0.2	54.2	23.7	0.026	10.2	46
47908 (2361644)	<1	7.84	<5	<20	952	<5	0.2	2.93	<0.2	58.1	25.4	0.028	7.0	54
47909 (2361645)	<1	8.00	<5	<20	847	<5	0.1	2.08	<0.2	53.7	23.5	0.031	7.1	59
47910 (2361646)	<1	7.76	<5	<20	2390	<5	<0.1	1.87	<0.2	69.1	6.5	0.016	0.7	32
47911 (2361647)	<1	8.29	<5	<20	2570	<5	<0.1	2.10	<0.2	75.1	6.6	0.015	1.1	16
47912C-DUP (2361648)	1	8.31	<5	<20	2630	<5	<0.1	2.08	<0.2	72.9	6.9	0.017	1.1	18
47913 (2361649)	1	9.01	<5	<20	1360	<5	0.1	1.78	<0.2	81.1	16.1	0.022	6.1	34
47914 (2361650)	4	8.54	<5	<20	816	<5	0.1	1.57	<0.2	57.9	22.3	0.029	7.9	51
47915 (2361651)	<1	8.19	<5	<20	904	<5	<0.1	1.26	<0.2	52.6	17.9	0.025	6.7	39
47916 (2361652)	<1	8.32	<5	<20	885	<5	0.1	1.33	<0.2	60.0	23.7	0.029	8.0	47
47917 (2361653)	<1	8.62	<5	<20	1220	<5	0.1	1.42	<0.2	64.0	23.4	0.027	7.8	50
47918 (2361654)	2	7.96	<5	<20	1130	<5	0.2	2.85	<0.2	63.8	23.8	0.028	5.1	49
47919 (2361655)	<1	8.09	<5	<20	2180	<5	<0.1	2.14	<0.2	51.0	9.1	0.019	1.3	21
47920 (2361656)	2	8.11	<5	<20	2100	<5	0.1	1.93	<0.2	51.9	7.4	0.016	1.2	32
47921 (2361657)	1	8.39	<5	<20	888	<5	0.1	1.22	<0.2	61.1	22.7	0.028	6.1	45
47922 (2361658)	2	2.83	<5	23	326	<5	<0.1	13.1	<0.2	36.6	7.8	0.016	0.7	7
47923 (2361659)	1	8.00	<5	<20	914	<5	0.2	1.66	<0.2	68.7	17.9	0.025	6.0	45
47924 (2361660)	<1	7.85	<5	<20	622	<5	0.2	1.06	0.6	53.3	18.9	0.026	3.7	40
47925 (2361661)	<1	8.65	<5	<20	1140	<5	0.2	0.87	0.8	60.2	23.3	0.028	5.2	32
47926 (2361662)	<1	7.75	<5	<20	581	<5	0.3	1.33	1.2	63.8	25.2	0.034	5.4	18
47927 (2361663)	<1	9.30	<5	<20	982	<5	0.2	0.99	0.4	68.6	25.2	0.032	6.3	42
47928 (2361664)	<1	7.50	<5	<20	495	<5	0.2	5.21	1.0	143	37.0	0.051	3.6	30
47929 (2361665)	<1	8.78	<5	<20	1040	<5	0.2	1.10	1.8	61.5	24.7	0.031	5.6	55
47930 (2361666)	<1	8.37	<5	<20	661	<5	0.2	1.20	0.3	57.0	20.3	0.027	4.7	56
47931 (2361667)	<1	8.92	<5	<20	830	<5	0.7	1.05	<0.2	60.8	18.8	0.027	4.6	40
47932 (2361668)	<1	8.77	<5	<20	1390	<5	0.2	2.00	0.4	79.8	21.5	0.022	5.1	53

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735087

PROJECT: 2021 Surimeau DDH Batch 49

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
47933 (2361669)	<1	8.60	<5	<20	1680	<5	0.2	2.41	<0.2	92.1	23.0	0.022	4.6	179
47934 (2361670)	<1	8.74	<5	<20	633	<5	0.5	1.03	0.2	60.2	22.9	0.025	7.2	51
47935 (2361671)	<1	9.42	<5	<20	869	<5	0.3	1.03	0.2	61.3	27.5	0.030	8.2	73
47936 (2361672)	<1	9.44	<5	<20	782	<5	0.4	0.98	<0.2	65.7	27.3	0.027	7.7	65
47937 (2361673)	<1	8.91	<5	<20	493	<5	0.3	1.36	<0.2	59.9	24.0	0.029	7.3	67
47938 (2361674)	<1	8.98	<5	<20	631	<5	0.4	1.16	<0.2	61.6	24.1	0.029	5.9	60
47939 (2361675)	<1	8.88	<5	<20	566	<5	0.5	1.24	0.3	59.3	25.4	0.026	4.9	71
47940 (2361676)	<1	8.94	<5	<20	659	<5	0.7	0.93	1.6	73.6	33.0	0.029	3.5	185
47941 (2361677)	<1	9.13	<5	<20	806	<5	0.5	0.98	0.6	58.4	27.3	0.025	2.9	152
47942 (2361678)	<1	8.89	<5	<20	848	<5	0.5	0.87	0.5	57.0	26.0	0.027	2.7	146
47943 (2361679)	<1	7.53	<5	<20	487	<5	0.6	1.63	2.4	50.5	31.0	0.047	2.2	235
47944 (2361680)	<1	7.52	<5	<20	778	<5	2.0	1.42	15.2	45.7	51.8	0.025	2.3	714
47945C-DUP (2361681)	<1	7.40	<5	<20	791	<5	2.0	1.38	14.1	45.5	49.7	0.025	2.3	650
47946 (2361682)	<1	6.00	5	<20	890	<5	2.0	1.40	12.6	37.7	68.4	0.016	1.9	774
47947 (2361683)	<1	6.06	7	<20	937	<5	1.6	1.76	5.7	34.5	55.1	0.018	1.9	413
47948 (2361684)	<1	6.22	7	<20	307	<5	1.8	2.85	9.8	61.5	68.1	0.025	1.9	748
47949 (2361685)	<1	5.69	5	<20	446	<5	1.2	1.96	12.7	56.2	71.0	0.042	4.2	818
47950 (2361686)	<1	6.65	8	<20	778	<5	0.8	1.94	8.6	52.5	66.0	0.020	2.6	657

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735087

PROJECT: 2021 Surimeau DDH Batch 49

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
47901 (2361637)	3.37	1.55	2.13	3.25	23.4	6.88	1	5	0.49	<0.2	2.45	48.0	<10	0.20
47902 (2361638)	4.46	3.00	1.32	1.56	10.5	5.27	1	5	0.82	<0.2	2.49	35.8	52	0.40
47903 (2361639)	2.75	1.37	1.76	3.09	20.6	5.72	1	4	0.40	<0.2	2.14	42.3	<10	0.16
47904 (2361640)	3.50	1.61	2.12	3.42	23.1	7.21	1	5	0.51	<0.2	2.54	49.2	<10	0.22
47905 (2361641)	1.02	0.62	0.26	33.8	3.47	1.27	1	1	0.16	<0.2	0.11	5.4	<10	0.09
47906 (2361642)	3.19	1.52	1.88	3.17	23.5	6.32	1	5	0.46	<0.2	2.11	45.2	21	0.19
47907 (2361643)	2.81	1.58	1.30	4.62	23.3	4.29	1	3	0.47	<0.2	3.63	26.0	157	0.22
47908 (2361644)	3.76	2.26	1.53	5.18	20.7	5.23	2	3	0.63	<0.2	2.45	27.2	113	0.30
47909 (2361645)	2.92	1.59	1.45	4.72	21.5	4.34	1	4	0.46	<0.2	2.15	25.5	101	0.22
47910 (2361646)	2.34	1.07	1.45	1.96	22.9	4.65	1	4	0.34	<0.2	1.72	34.3	14	0.15
47911 (2361647)	2.61	1.13	1.49	2.21	23.2	5.05	1	5	0.36	<0.2	2.29	37.0	16	0.15
47912C-DUP (2361648)	2.48	1.15	1.58	2.20	23.4	4.85	1	5	0.36	<0.2	2.30	36.1	16	0.16
47913 (2361649)	2.60	1.11	1.75	4.06	24.9	5.41	1	5	0.35	<0.2	2.36	39.5	71	0.13
47914 (2361650)	2.93	1.49	1.27	4.37	22.9	4.33	2	4	0.47	<0.2	2.64	28.0	78	0.21
47915 (2361651)	2.58	1.34	1.19	3.69	22.2	3.92	1	4	0.40	<0.2	2.59	25.4	66	0.19
47916 (2361652)	3.12	1.62	1.32	4.51	22.3	4.45	1	3	0.48	<0.2	2.66	30.3	79	0.22
47917 (2361653)	3.02	1.66	1.52	4.46	24.1	4.80	1	4	0.49	<0.2	2.93	31.0	78	0.23
47918 (2361654)	3.43	1.95	1.59	4.52	21.9	5.31	1	4	0.54	<0.2	2.36	31.0	52	0.25
47919 (2361655)	1.91	1.04	1.15	2.28	21.8	3.51	1	4	0.30	<0.2	2.21	25.6	16	0.14
47920 (2361656)	2.05	1.06	1.16	2.06	22.9	3.54	1	4	0.31	<0.2	1.23	25.9	17	0.15
47921 (2361657)	3.02	1.61	1.36	4.37	22.4	4.54	1	4	0.47	<0.2	2.58	30.4	75	0.21
47922 (2361658)	2.50	1.63	0.69	1.87	7.78	3.14	1	3	0.44	<0.2	1.37	16.9	33	0.20
47923 (2361659)	2.88	1.55	1.51	3.96	21.3	4.85	1	4	0.47	<0.2	2.02	34.4	56	0.21
47924 (2361660)	2.62	1.47	1.29	3.56	20.0	3.79	1	4	0.42	<0.2	1.52	26.1	39	0.19
47925 (2361661)	2.80	1.58	1.36	4.27	23.0	4.45	1	4	0.47	<0.2	2.56	29.3	43	0.21
47926 (2361662)	2.71	1.44	1.31	4.19	19.6	4.52	1	5	0.44	<0.2	1.80	32.0	35	0.19
47927 (2361663)	3.19	1.66	1.52	4.77	24.2	5.18	1	4	0.51	<0.2	2.80	33.6	46	0.24
47928 (2361664)	5.79	2.33	3.83	6.12	22.0	12.2	3	5	0.78	<0.2	1.52	64.6	31	0.26
47929 (2361665)	2.85	1.47	1.36	4.50	22.3	4.42	1	4	0.48	<0.2	2.48	30.3	48	0.22
47930 (2361666)	2.54	1.43	1.22	3.92	20.4	4.01	1	4	0.41	<0.2	1.84	28.0	39	0.20
47931 (2361667)	3.27	1.76	1.27	4.09	23.0	4.62	1	5	0.53	<0.2	2.42	29.5	34	0.24
47932 (2361668)	4.25	2.00	2.12	4.54	23.6	7.42	2	4	0.62	<0.2	2.39	36.5	37	0.22

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735087

PROJECT: 2021 Surimeau DDH Batch 49

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
47933 (2361669)	4.94	2.20	2.76	4.95	24.1	9.29	2	5	0.70	<0.2	2.24	42.1	37	0.24
47934 (2361670)	3.30	1.76	1.46	4.38	23.7	4.54	1	3	0.55	<0.2	2.75	28.9	42	0.24
47935 (2361671)	3.23	1.78	1.55	5.00	26.0	4.94	2	4	0.55	<0.2	3.16	29.7	50	0.24
47936 (2361672)	3.35	1.76	1.46	4.79	27.4	4.98	1	4	0.52	<0.2	3.07	31.8	46	0.23
47937 (2361673)	2.93	1.73	1.44	4.58	24.7	4.54	2	4	0.48	<0.2	2.16	29.3	48	0.22
47938 (2361674)	3.16	1.71	1.34	4.72	24.7	4.70	2	4	0.53	<0.2	2.58	29.7	51	0.22
47939 (2361675)	3.02	1.67	1.40	4.58	24.3	4.68	2	4	0.48	<0.2	2.38	28.8	54	0.22
47940 (2361676)	3.64	1.91	1.85	5.36	26.2	5.81	3	4	0.57	<0.2	2.54	34.2	52	0.25
47941 (2361677)	3.13	1.68	1.56	5.14	26.5	4.67	2	4	0.52	<0.2	1.93	28.2	58	0.24
47942 (2361678)	3.23	1.70	1.50	4.75	24.8	4.28	2	4	0.49	<0.2	2.04	27.8	59	0.23
47943 (2361679)	2.72	1.54	1.50	3.95	21.4	3.89	3	3	0.45	0.3	1.31	24.8	34	0.21
47944 (2361680)	3.18	2.09	1.75	5.55	23.1	3.96	2	4	0.55	2.1	2.15	21.8	23	0.28
47945C-DUP (2361681)	3.31	1.94	1.70	5.26	23.1	3.97	2	4	0.57	1.9	2.12	21.6	22	0.27
47946 (2361682)	3.91	2.28	2.40	7.50	20.6	4.75	2	4	0.64	1.4	1.79	16.5	21	0.34
47947 (2361683)	3.64	2.04	2.06	7.32	21.2	4.56	2	3	0.60	0.7	1.82	13.6	24	0.32
47948 (2361684)	3.90	2.25	2.68	6.84	25.7	5.42	3	3	0.66	1.1	1.41	27.6	26	0.35
47949 (2361685)	3.53	2.00	2.28	7.33	22.9	4.81	2	3	0.61	1.4	1.51	27.2	46	0.29
47950 (2361686)	3.29	1.89	2.58	5.40	21.6	4.31	2	3	0.58	0.9	1.51	24.1	22	0.29

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735087

PROJECT: 2021 Surimeau DDH Batch 49

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
47901 (2361637)	1.58	710	<2	8	47.9	51	0.13	59	11.8	77.2	0.25	<0.1	9	29.4
47902 (2361638)	2.61	553	<2	5	25.4	22	0.09	6	6.85	58.0	0.08	<0.1	7	28.2
47903 (2361639)	1.47	648	<2	6	41.6	48	0.10	50	10.4	66.8	0.23	<0.1	9	31.5
47904 (2361640)	1.60	736	<2	8	49.0	54	0.13	25	12.3	74.0	0.26	<0.1	10	29.9
47905 (2361641)	1.74	580	<2	1	5.3	21813	<0.01	43	1.31	4.2	21.1	0.5	7	7.47
47906 (2361642)	1.51	658	<2	8	44.0	56	0.12	24	11.1	65.0	0.32	<0.1	9	29.0
47907 (2361643)	1.89	555	<2	6	26.2	111	0.04	16	6.57	134	0.11	<0.1	18	28.6
47908 (2361644)	2.60	851	<2	6	29.6	74	0.10	10	7.20	105	0.20	<0.1	23	28.2
47909 (2361645)	2.17	738	<2	8	25.8	98	0.06	13	6.45	94.7	0.28	<0.1	18	29.0
47910 (2361646)	0.72	437	<2	8	33.6	25	0.07	25	8.37	40.4	0.18	<0.1	<5	31.7
47911 (2361647)	0.79	511	<2	7	36.1	26	0.07	28	9.06	55.2	0.14	<0.1	5	31.6
47912C-DUP (2361648)	0.80	499	<2	7	35.3	30	0.07	27	8.86	56.5	0.14	<0.1	5	31.7
47913 (2361649)	1.54	590	<2	7	40.2	67	0.09	19	9.92	101	0.21	<0.1	12	30.2
47914 (2361650)	1.84	644	<2	7	27.1	93	0.05	17	6.92	116	0.18	<0.1	17	29.7
47915 (2361651)	1.47	559	<2	7	24.9	80	0.05	20	6.23	106	0.12	<0.1	13	29.9
47916 (2361652)	1.89	608	<2	6	28.5	92	0.06	11	7.07	108	0.18	<0.1	18	29.1
47917 (2361653)	1.86	595	<2	6	30.7	93	0.06	17	7.70	118	0.18	<0.1	16	29.2
47918 (2361654)	2.29	776	<2	6	31.4	69	0.10	27	7.88	88.9	0.21	<0.1	19	28.7
47919 (2361655)	1.09	504	<2	6	23.2	39	0.04	34	6.05	69.2	0.12	<0.1	7	31.1
47920 (2361656)	0.91	483	<2	7	24.5	33	0.06	25	6.19	38.7	0.17	<0.1	6	32.1
47921 (2361657)	1.74	624	<2	6	28.0	92	0.06	13	7.31	98.6	0.17	<0.1	16	30.0
47922 (2361658)	5.85	854	<2	4	17.2	21	0.01	<5	4.37	38.8	0.20	<0.1	8	18.3
47923 (2361659)	1.59	658	<2	6	32.1	68	0.08	12	8.17	81.6	0.17	<0.1	13	30.3
47924 (2361660)	1.48	596	<2	5	24.9	87	0.06	8	6.38	61.5	0.19	<0.1	13	31.7
47925 (2361661)	1.78	576	<2	6	27.9	103	0.05	5	7.04	98.0	0.22	<0.1	17	31.5
47926 (2361662)	1.72	635	<2	5	29.0	85	0.06	5	7.52	72.3	0.31	<0.1	19	32.1
47927 (2361663)	2.06	571	3	7	32.7	119	0.06	8	8.34	110	0.20	<0.1	20	30.9
47928 (2361664)	5.10	1110	26	7	80.6	229	0.25	7	18.5	58.7	0.21	<0.1	24	27.7
47929 (2361665)	1.99	527	7	6	28.9	139	0.05	8	7.39	102	0.36	<0.1	18	31.6
47930 (2361666)	1.71	519	<2	6	25.9	101	0.05	7	6.77	71.5	0.21	<0.1	14	33.3
47931 (2361667)	1.81	524	3	7	27.8	92	0.06	10	7.34	88.0	0.16	<0.1	16	33.1
47932 (2361668)	2.12	713	3	8	42.2	85	0.10	14	10.1	90.9	0.26	<0.1	19	31.4

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735087

PROJECT: 2021 Surimeau DDH Batch 49

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
47933 (2361669)	2.45	735	6	10	51.1	76	0.15	17	11.9	87.9	0.51	<0.1	20	29.9
47934 (2361670)	1.86	533	5	6	28.4	108	0.05	15	7.20	113	0.21	<0.1	18	29.5
47935 (2361671)	2.17	564	12	7	29.8	125	0.04	18	7.48	130	0.59	<0.1	21	28.8
47936 (2361672)	2.03	494	12	7	30.5	115	0.05	32	7.95	120	0.66	<0.1	20	28.9
47937 (2361673)	1.96	547	15	6	27.7	105	0.05	27	7.22	101	0.47	<0.1	18	30.4
47938 (2361674)	2.06	571	8	6	28.5	112	0.06	21	7.35	117	0.63	<0.1	20	28.2
47939 (2361675)	2.01	576	3	6	27.6	117	0.05	21	7.20	103	1.14	<0.1	19	28.8
47940 (2361676)	2.32	627	48	7	35.2	153	0.07	32	8.79	100	2.34	<0.1	21	28.2
47941 (2361677)	2.02	633	2	7	27.7	130	0.05	47	7.10	71.4	2.14	<0.1	19	29.1
47942 (2361678)	2.07	655	<2	6	26.3	131	0.06	69	6.74	76.8	1.81	<0.1	19	28.6
47943 (2361679)	1.31	510	13	5	23.3	220	0.04	61	5.99	66.5	2.15	<0.1	16	28.5
47944 (2361680)	0.79	442	94	6	21.0	269	0.04	136	5.50	83.7	3.63	<0.1	14	29.0
47945C-DUP (2361681)	0.77	429	82	6	21.7	253	0.04	134	5.38	85.5	3.46	<0.1	14	28.4
47946 (2361682)	0.79	329	11	6	20.1	285	0.02	95	4.85	74.8	4.61	<0.1	16	23.6
47947 (2361683)	0.95	407	9	5	19.9	242	0.03	68	4.65	84.7	4.58	<0.1	17	25.9
47948 (2361684)	1.84	625	11	8	31.0	282	0.06	95	7.80	86.4	4.54	<0.1	19	24.4
47949 (2361685)	2.13	692	11	5	27.3	308	0.06	37	6.80	91.7	4.76	<0.1	18	23.8
47950 (2361686)	0.79	448	10	6	24.5	235	0.04	31	6.33	75.5	3.54	<0.1	18	22.4

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735087

PROJECT: 2021 Surimeau DDH Batch 49

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
47901 (2361637)	8.4	2	1650	<0.5	0.69	8.0	0.30	0.8	0.17	2.25	81	<1	15.8	1.4
47902 (2361638)	4.6	1	128	<0.5	0.67	4.6	0.25	<0.5	0.37	1.11	42	<1	26.5	2.8
47903 (2361639)	7.2	2	1530	<0.5	0.60	7.0	0.26	<0.5	0.14	1.94	73	<1	12.4	1.2
47904 (2361640)	8.9	2	1960	<0.5	0.76	8.3	0.30	0.5	0.18	2.39	84	<1	16.4	1.4
47905 (2361641)	1.3	2	33.9	<0.5	0.15	0.9	0.11	<0.5	0.07	0.20	59	4	5.1	0.5
47906 (2361642)	7.7	2	1700	<0.5	0.64	7.6	0.28	<0.5	0.16	2.66	77	<1	15.0	1.3
47907 (2361643)	4.7	2	248	<0.5	0.50	7.4	0.36	0.7	0.19	2.18	128	<1	14.7	1.5
47908 (2361644)	5.6	1	560	<0.5	0.61	6.4	0.38	<0.5	0.28	1.96	159	<1	19.5	2.2
47909 (2361645)	4.7	2	495	<0.5	0.50	6.4	0.37	0.6	0.18	2.24	127	<1	14.5	1.5
47910 (2361646)	5.7	2	1590	<0.5	0.49	6.2	0.20	<0.5	0.12	2.56	40	<1	11.6	1.0
47911 (2361647)	6.4	1	1760	<0.5	0.51	6.6	0.21	<0.5	0.13	2.32	47	<1	12.2	1.1
47912C-DUP (2361648)	6.2	1	1760	<0.5	0.52	6.5	0.21	<0.5	0.13	3.06	46	<1	12.2	1.1
47913 (2361649)	6.9	1	1050	<0.5	0.56	7.6	0.38	0.6	0.13	3.64	97	<1	11.1	0.9
47914 (2361650)	5.0	1	399	<0.5	0.51	7.1	0.34	0.6	0.18	2.37	122	<1	14.6	1.4
47915 (2361651)	4.2	1	427	<0.5	0.46	6.4	0.30	0.6	0.16	2.79	92	<1	13.3	1.3
47916 (2361652)	5.0	1	362	<0.5	0.55	7.0	0.36	0.5	0.21	2.23	127	<1	15.4	1.5
47917 (2361653)	5.4	2	544	<0.5	0.54	7.4	0.35	0.6	0.21	2.19	120	<1	15.1	1.5
47918 (2361654)	5.9	1	696	<0.5	0.62	6.9	0.36	0.8	0.22	2.52	131	<1	17.8	1.9
47919 (2361655)	4.1	1	1600	<0.5	0.38	5.3	0.20	0.5	0.12	2.57	54	<1	10.3	1.0
47920 (2361656)	4.3	1	1470	<0.5	0.40	5.6	0.19	<0.5	0.13	2.63	46	<1	10.6	1.0
47921 (2361657)	4.9	1	347	<0.5	0.51	7.6	0.36	0.5	0.18	2.34	118	<1	14.6	1.5
47922 (2361658)	3.0	<1	163	<0.5	0.39	3.1	0.17	<0.5	0.19	0.77	52	<1	14.7	1.4
47923 (2361659)	5.6	1	653	<0.5	0.54	7.6	0.33	<0.5	0.20	2.26	99	<1	14.7	1.5
47924 (2361660)	4.5	1	310	<0.5	0.46	6.6	0.31	<0.5	0.16	2.04	94	<1	13.8	1.4
47925 (2361661)	5.1	1	244	<0.5	0.50	7.3	0.35	<0.5	0.18	2.20	120	<1	14.6	1.4
47926 (2361662)	5.1	1	316	<0.5	0.54	8.0	0.33	<0.5	0.17	2.53	104	<1	14.3	1.4
47927 (2361663)	5.8	2	284	<0.5	0.57	7.5	0.39	<0.5	0.19	2.18	138	27	16.5	1.6
47928 (2361664)	14.7	2	628	<0.5	1.19	8.1	0.49	<0.5	0.25	2.37	187	<1	25.7	1.9
47929 (2361665)	5.2	1	375	<0.5	0.53	7.6	0.38	<0.5	0.17	2.36	126	<1	14.8	1.5
47930 (2361666)	4.6	1	318	<0.5	0.46	7.2	0.34	<0.5	0.17	2.30	107	<1	13.1	1.3
47931 (2361667)	5.3	2	262	0.5	0.56	10.4	0.34	<0.5	0.22	3.70	111	<1	16.8	1.7
47932 (2361668)	8.4	2	662	0.5	0.78	8.5	0.37	<0.5	0.24	2.91	126	<1	19.9	1.7

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735087

PROJECT: 2021 Surimeau DDH Batch 49

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
47933 (2361669)	10.6	2	911	0.5	1.02	8.2	0.40	<0.5	0.23	2.92	135	<1	23.1	1.7
47934 (2361670)	5.3	1	241	<0.5	0.53	7.2	0.36	0.6	0.21	2.08	128	<1	17.2	1.8
47935 (2361671)	5.8	3	218	<0.5	0.57	7.5	0.40	0.9	0.21	2.26	147	<1	17.3	1.7
47936 (2361672)	5.6	2	261	0.5	0.61	7.4	0.39	1.3	0.21	2.20	144	1	17.3	1.6
47937 (2361673)	5.1	1	302	<0.5	0.53	7.0	0.37	1.1	0.19	2.71	138	<1	15.4	1.6
47938 (2361674)	5.3	2	206	<0.5	0.56	7.3	0.37	1.3	0.22	2.19	138	<1	16.2	1.6
47939 (2361675)	5.1	2	255	<0.5	0.53	6.7	0.37	1.5	0.19	2.08	132	1	15.7	1.6
47940 (2361676)	6.3	3	243	<0.5	0.63	7.2	0.39	1.5	0.23	2.05	149	2	18.5	1.8
47941 (2361677)	5.3	5	261	<0.5	0.55	7.6	0.38	1.6	0.20	2.17	135	1	16.2	1.6
47942 (2361678)	4.7	5	257	<0.5	0.53	6.8	0.38	1.7	0.20	2.00	136	1	16.2	1.6
47943 (2361679)	4.1	6	244	<0.5	0.46	6.2	0.32	1.6	0.20	2.14	111	1	14.9	1.4
47944 (2361680)	4.1	11	208	<0.5	0.52	6.6	0.30	2.6	0.23	3.00	90	6	18.3	2.0
47945C-DUP (2361681)	4.3	11	206	<0.5	0.53	6.8	0.30	2.6	0.24	2.81	88	5	18.4	1.9
47946 (2361682)	4.8	9	147	<0.5	0.63	6.8	0.22	2.1	0.29	2.03	70	2	21.2	2.3
47947 (2361683)	4.7	8	139	<0.5	0.61	6.8	0.20	2.3	0.25	1.96	71	2	19.6	2.0
47948 (2361684)	6.0	11	112	<0.5	0.64	6.9	0.28	2.2	0.28	2.07	84	2	20.7	2.2
47949 (2361685)	5.2	7	120	<0.5	0.60	7.4	0.24	4.7	0.25	2.19	100	3	19.1	2.0
47950 (2361686)	4.7	6	193	<0.5	0.56	7.0	0.24	2.6	0.24	2.00	76	2	18.0	1.9

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735087

PROJECT: 2021 Surimeau DDH Batch 49

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
47901 (2361637)	260	201
47902 (2361638)	9	212
47903 (2361639)	121	168
47904 (2361640)	94	200
47905 (2361641)	86	38.1
47906 (2361642)	78	185
47907 (2361643)	74	124
47908 (2361644)	85	118
47909 (2361645)	101	128
47910 (2361646)	55	169
47911 (2361647)	72	175
47912C-DUP (2361648)	64	174
47913 (2361649)	91	161
47914 (2361650)	88	133
47915 (2361651)	85	128
47916 (2361652)	88	134
47917 (2361653)	86	145
47918 (2361654)	83	144
47919 (2361655)	55	150
47920 (2361656)	59	142
47921 (2361657)	96	146
47922 (2361658)	19	121
47923 (2361659)	97	159
47924 (2361660)	288	154
47925 (2361661)	322	148
47926 (2361662)	363	189
47927 (2361663)	301	143
47928 (2361664)	233	195
47929 (2361665)	479	156
47930 (2361666)	255	164
47931 (2361667)	119	179
47932 (2361668)	146	176

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735087

PROJECT: 2021 Surimeau DDH Batch 49

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
47933 (2361669)	197	180
47934 (2361670)	157	132
47935 (2361671)	195	140
47936 (2361672)	135	145
47937 (2361673)	135	146
47938 (2361674)	131	140
47939 (2361675)	202	140
47940 (2361676)	690	137
47941 (2361677)	377	137
47942 (2361678)	303	136
47943 (2361679)	1160	131
47944 (2361680)	7390	147
47945C-DUP (2361681)	6870	146
47946 (2361682)	6140	133
47947 (2361683)	2970	118
47948 (2361684)	5160	125
47949 (2361685)	6710	117
47950 (2361686)	4590	121

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735087

PROJECT: 2021 Surimeau DDH Batch 49

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
47901 (2361637)	86.90
47920 (2361656)	82.23
47940 (2361676)	79.93

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O735087

PROJECT: 2021 Surimeau DDH Batch 49

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 17, 2021 | DATE RECEIVED: Apr 17, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
47901 (2361637)	88.85
47919 (2361655)	87.17
47938 (2361674)	85.18

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O735087

PROJECT: 2021 Surimeau DDH Batch 49

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2361637	< 1	< 1	0.0%	2361651	< 1	< 1	0.0%	2361662	< 1	< 1	0.0%	2361677	< 1	< 1	0.0%
Al	2361637	8.27	8.07	2.4%	2361651	8.19	8.44	3.0%	2361662	7.75	8.09	4.3%	2361677	9.13	9.14	0.1%
As	2361637	< 5	< 5	0.0%	2361651	< 5	< 5	0.0%	2361662	< 5	< 5	0.0%	2361677	< 5	< 5	0.0%
B	2361637	< 20	< 20	0.0%	2361651	< 20	< 20	0.0%	2361662	< 20	< 20	0.0%	2361677	< 20	< 20	0.0%
Ba	2361637	2870	2880	0.3%	2361651	904	922	2.0%	2361662	581	602	3.6%	2361677	806	806	0.0%
Be	2361637	< 5	< 5	0.0%	2361651	< 5	< 5	0.0%	2361662	< 5	< 5	0.0%	2361677	< 5	< 5	0.0%
Bi	2361637	< 0.1	< 0.1	0.0%	2361651	< 0.1	0.1		2361662	0.3	0.3	0.0%	2361677	0.5	0.5	0.0%
Ca	2361637	2.77	2.72	1.8%	2361651	1.26	1.31	3.9%	2361662	1.33	1.37	3.0%	2361677	0.976	0.958	1.9%
Cd	2361637	0.33	0.25	27.6%	2361651	< 0.2	< 0.2	0.0%	2361662	1.2	1.2	0.0%	2361677	0.62	0.54	13.8%
Ce	2361637	97.5	94.6	3.0%	2361651	52.6	52.9	0.6%	2361662	63.8	62.8	1.6%	2361677	58.4	57.9	0.9%
Co	2361637	13.4	13.0	3.0%	2361651	17.9	18.6	3.8%	2361662	25.2	24.7	2.0%	2361677	27.3	26.1	4.5%
Cr	2361637	0.017	0.019	11.1%	2361651	0.025	0.026	3.9%	2361662	0.034	0.034	0.0%	2361677	0.025	0.025	0.0%
Cs	2361637	2.00	2.16	7.7%	2361651	6.73	6.83	1.5%	2361662	5.4	5.4	0.0%	2361677	2.9	2.9	0.0%
Cu	2361637	32	33	3.1%	2361651	39	41	5.0%	2361662	18	19	5.4%	2361677	152	142	6.8%
Dy	2361637	3.37	3.11	8.0%	2361651	2.58	2.63	1.9%	2361662	2.71	2.81	3.6%	2361677	3.13	3.16	1.0%
Er	2361637	1.55	1.44	7.4%	2361651	1.34	1.41	5.1%	2361662	1.44	1.56	8.0%	2361677	1.68	1.88	11.2%
Eu	2361637	2.13	2.01	5.8%	2361651	1.19	1.30	8.8%	2361662	1.31	1.34	2.3%	2361677	1.56	1.58	1.3%
Fe	2361637	3.25	3.22	0.9%	2361651	3.69	3.79	2.7%	2361662	4.19	4.38	4.4%	2361677	5.14	5.06	1.6%
Ga	2361637	23.4	22.5	3.9%	2361651	22.2	23.0	3.5%	2361662	19.6	20.1	2.5%	2361677	26.5	25.6	3.5%
Gd	2361637	6.88	6.54	5.1%	2361651	3.92	3.96	1.0%	2361662	4.52	4.39	2.9%	2361677	4.67	4.55	2.6%
Ge	2361637	1	1	0.0%	2361651	1	1	0.0%	2361662	1	1	0.0%	2361677	2	2	0.0%
Hf	2361637	5	5	0.0%	2361651	4	4	0.0%	2361662	5	4	22.2%	2361677	4	3	28.6%
Ho	2361637	0.490	0.471	4.0%	2361651	0.405	0.411	1.5%	2361662	0.442	0.470	6.1%	2361677	0.52	0.52	0.0%
In	2361637	< 0.2	< 0.2	0.0%	2361651	< 0.2	< 0.2	0.0%	2361662	< 0.2	< 0.2	0.0%	2361677	< 0.2	< 0.2	0.0%
K	2361637	2.45	2.40	2.1%	2361651	2.59	2.68	3.4%	2361662	1.80	1.87	3.8%	2361677	1.93	1.95	1.0%
La	2361637	48.0	46.2	3.8%	2361651	25.4	25.7	1.2%	2361662	32.0	31.7	0.9%	2361677	28.2	27.9	1.1%
Li	2361637	< 10	< 10	0.0%	2361651	66	68	3.0%	2361662	35	37	5.6%	2361677	58	58	0.0%
Lu	2361637	0.198	0.191	3.6%	2361651	0.185	0.177	4.4%	2361662	0.190	0.199	4.6%	2361677	0.238	0.221	7.4%
Mg	2361637	1.58	1.57	0.6%	2361651	1.47	1.51	2.7%	2361662	1.72	1.79	4.0%	2361677	2.02	2.01	0.5%
Mn	2361637	710	700	1.4%	2361651	559	571	2.1%	2361662	635	671	5.5%	2361677	633	630	0.5%
Mo	2361637	< 2	< 2	0.0%	2361651	< 2	< 2	0.0%	2361662	< 2	< 2	0.0%	2361677	2	3	

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2361637	8	7	13.3%	2361651	7	7	0.0%	2361662	5	6	18.2%	2361677	7	6	15.4%
Nd	2361637	47.9	46.9	2.1%	2361651	24.9	25.0	0.4%	2361662	29.0	28.4	2.1%	2361677	27.7	27.2	1.8%
Ni	2361637	51	49	4.0%	2361651	80	85	6.1%	2361662	85	88	3.5%	2361677	130	126	3.1%
P	2361637	0.13	0.11	16.7%	2361651	0.05	0.05	0.0%	2361662	0.06	0.06	0.0%	2361677	0.05	0.05	0.0%
Pb	2361637	59	56	5.2%	2361651	20	21	4.9%	2361662	5	5	0.0%	2361677	47	53	12.0%
Pr	2361637	11.8	11.5	2.6%	2361651	6.23	6.30	1.1%	2361662	7.52	7.34	2.4%	2361677	7.10	6.84	3.7%
Rb	2361637	77.2	75.3	2.5%	2361651	106	107	0.9%	2361662	72.3	73.2	1.2%	2361677	71.4	70.1	1.8%
S	2361637	0.25	0.26	3.9%	2361651	0.12	0.13	8.0%	2361662	0.310	0.335	7.8%	2361677	2.14	2.05	4.3%
Sb	2361637	< 0.1	< 0.1	0.0%	2361651	< 0.1	< 0.1	0.0%	2361662	< 0.1	< 0.1	0.0%	2361677	< 0.1	< 0.1	0.0%
Sc	2361637	9	9	0.0%	2361651	13	13	0.0%	2361662	19	14		2361677	19	19	0.0%
Si	2361637	29.4	28.9	1.7%	2361651	29.9	30.9	3.3%	2361662	32.1	33.9	5.5%	2361677	29.1	28.5	2.1%
Sm	2361637	8.36	7.78	7.2%	2361651	4.24	4.59	7.9%	2361662	5.1	4.9	4.0%	2361677	5.3	5.2	1.9%
Sn	2361637	2	2	0.0%	2361651	1	2		2361662	1	1	0.0%	2361677	5	6	18.2%
Sr	2361637	1650	1660	0.6%	2361651	427	437	2.3%	2361662	316	328	3.7%	2361677	261	262	0.4%
Ta	2361637	< 0.5	< 0.5	0.0%	2361651	< 0.5	< 0.5	0.0%	2361662	< 0.5	< 0.5	0.0%	2361677	< 0.5	< 0.5	0.0%
Tb	2361637	0.69	0.65	6.0%	2361651	0.462	0.452	2.2%	2361662	0.536	0.525	2.1%	2361677	0.55	0.56	1.8%
Th	2361637	8.0	8.0	0.0%	2361651	6.4	6.4	0.0%	2361662	8.0	8.0	0.0%	2361677	7.6	6.9	9.7%
Ti	2361637	0.302	0.292	3.4%	2361651	0.30	0.30	0.0%	2361662	0.334	0.349	4.4%	2361677	0.38	0.38	0.0%
Tl	2361637	0.8	0.7	13.3%	2361651	0.6	0.6	0.0%	2361662	< 0.5	< 0.5	0.0%	2361677	1.6	1.6	0.0%
Tm	2361637	0.17	0.16	6.1%	2361651	0.16	0.16	0.0%	2361662	0.171	0.187	8.9%	2361677	0.20	0.21	4.9%
U	2361637	2.25	2.24	0.4%	2361651	2.79	2.69	3.6%	2361662	2.53	2.63	3.9%	2361677	2.17	2.10	3.3%
V	2361637	81	82	1.2%	2361651	92	95	3.2%	2361662	104	108	3.8%	2361677	135	135	0.0%
W	2361637	< 1	< 1	0.0%	2361651	< 1	< 1	0.0%	2361662	< 1	< 1	0.0%	2361677	1	1	0.0%
Y	2361637	15.8	14.9	5.9%	2361651	13.3	13.5	1.5%	2361662	14.3	15.5	8.1%	2361677	16.2	16.5	1.8%
Yb	2361637	1.39	1.33	4.4%	2361651	1.3	1.3	0.0%	2361662	1.37	1.46	6.4%	2361677	1.6	1.7	6.1%
Zn	2361637	260	240	8.0%	2361651	85	81	4.8%	2361662	363	385	5.9%	2361677	377	358	5.2%
Zr	2361637	201	192	4.6%	2361651	128	143	11.1%	2361662	189	176	7.1%	2361677	137	135	1.5%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O735087

PROJECT: 2021 Surimeau DDH Batch 49

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.19	97%	90% - 110%					6.94	6.88	99%	90% - 110%	13.0	12.2	94%	90% - 110%
As	26	28	108%	90% - 110%												
Ba	540	545	101%	90% - 110%									1310	1326	101%	90% - 110%
Be	4.0	3.9	96%	90% - 110%												
Ca	0.907	0.885	98%	90% - 110%					4.01	3.96	99%	90% - 110%	1.42	1.3	92%	90% - 110%
Ce	98	96	98%	90% - 110%	58.2	62.1	107%	90% - 110%								
Co	15	14	94%	90% - 110%												
Cu	150	163	108%	90% - 110%									6.4	5	79%	90% - 110%
Er	3.7	3.9	106%	90% - 110%												
Fe	3.77	3.83	102%	90% - 110%					7.56	7.67	101%	90% - 110%	3.27	3.18	97%	90% - 110%
Ga					22.6	24.6	109%	90% - 110%								
Hf	11	10	94%	90% - 110%												
K	2.55	2.41	95%	90% - 110%					2.02	1.94	96%	90% - 110%	3.68	3.44	94%	90% - 110%
La	44	42	96%	90% - 110%	27.5	29.8	108%	90% - 110%								
Li	47	48	103%	90% - 110%									65.0	67.6	104%	90% - 110%
Lu	0.6	0.5	89%	90% - 110%												
Mg	1.1	1	95%	90% - 110%					2.41	2.33	97%	90% - 110%				
Mn	780	765	98%	90% - 110%												
Mo	14	12	89%	90% - 110%												
Nb	20	19	94%	90% - 110%	22.6	22.7	100%	90% - 110%								
Nd					27.3	29.2	107%	90% - 110%								
P													0.061	0.046	75%	90% - 110%
Pb	31	33	107%	90% - 110%												
Rb	144	143	99%	90% - 110%	85.4	91.4	107%	90% - 110%								
Sb	0.8	0.7	93%	90% - 110%												
Sc	12	13	111%	90% - 110%												
Si	28.4	29.8	105%	90% - 110%					23.65	24.86	105%	90% - 110%	24.4	24.4	100%	90% - 110%
Sm	7.4	8.2	110%	90% - 110%												
Sr	144	156	108%	90% - 110%									310	317	102%	90% - 110%
Ta	1.9	1.7	92%	90% - 110%												
Tb	1.2	1.1	90%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Th	18.4	17	93%	90% - 110%												
Ti	0.527	0.52	99%	90% - 110%									0.222	0.207	93%	90% - 110%
U	5.7	4.9	86%	90% - 110%												
V	77	83	108%	90% - 110%												
W	5	5	106%	90% - 110%												
Y	40	35	89%	90% - 110%	25.3	26.7	106%	90% - 110%								
Yb					2.66	2.89	109%	90% - 110%								
Zn	130	125	96%	90% - 110%									75.4	79.2	105%	90% - 110%
Zr	390	390	100%	90% - 110%	157	169	108%	90% - 110%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O735087

PROJECT: 2021 Surimeau DDH Batch 49

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O735087

PROJECT: 2021 Surimeau DDH Batch 49

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O735087

PROJECT: 2021 Surimeau DDH Batch 49

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton
PROJECT: 2021 Surimeau DDh Batch 50
AGAT WORK ORDER: 21O736559
SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician
DATE REPORTED: Sep 21, 2021
PAGES (INCLUDING COVER): 21

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736559

PROJECT: 2021 Surimeau DDh Batch 50

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
47951 (2374620)	3.12
47952 (2374621)	0.84
47953 (2374622)	2.48
47954 (2374623)	2.71
47955 (2374624)	2.87
47956 (2374625)	3.30
47957 (2374626)	2.52
47958 (2374627)	2.73
47959 (2374628)	2.35
47960 (2374629)	2.68
47961 (2374630)	2.83
47962 C-DUP (2374631)	-
47963 (2374632)	2.51
47964 (2374633)	1.36
47965 (2374634)	1.39
47966 (2374635)	1.50
47967 (2374636)	2.95
47968 (2374637)	2.76
47969 (2374638)	3.59
47970 (2374639)	4.11
47971 (2374640)	3.24
47972 (2374641)	1.13
47973 (2374642)	2.90
47974 (2374643)	1.00
47975 (2374644)	3.65
47976 (2374645)	3.57
47977 (2374646)	3.00
47978 (2374647)	2.93
47979 (2374648)	3.30
47980 (2374649)	2.51
47981 (2374650)	2.70

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736559

PROJECT: 2021 Surimeau DDh Batch 50

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
47982 (2374651)	3.21
47983 (2374652)	4.55
47984 (2374653)	3.95
47985 (2374654)	4.80
47986 (2374655)	4.86
47987 (2374656)	4.32
47988 (2374657)	4.55
47989 (2374658)	2.95
47990 (2374659)	3.52
47991 (2374660)	1.99
47992 (2374661)	1.97
47993 (2374662)	3.28
47994 (2374663)	2.92
47995 C-DUP (2374664)	-
47996 (2374665)	4.46
47997 (2374666)	2.93
47998 (2374667)	3.67
47999 (2374668)	3.21
48000 (2374669)	3.14

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736559

PROJECT: 2021 Surimeau DDh Batch 50

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
47951 (2374620)	<1	5.28	9	<20	676	<5	1.2	1.63	11.7	43.5	100	0.022	1.7	755
47952 (2374621)	<1	3.43	<5	65	440	<5	<0.1	9.17	<0.2	44.3	5.9	0.019	0.4	<5
47953 (2374622)	<1	6.87	<5	<20	855	<5	1.0	2.06	4.7	51.8	48.8	0.024	2.7	555
47954 (2374623)	3	4.68	16	23	1060	<5	4.6	1.20	8.0	42.8	122	0.014	1.8	833
47955 (2374624)	3	4.35	31	23	703	<5	7.3	1.53	14.8	63.0	223	0.018	1.4	1070
47956 (2374625)	<1	5.80	18	<20	522	<5	1.7	2.36	7.7	48.2	118	0.031	1.5	740
47957 (2374626)	<1	7.02	6	<20	609	<5	0.6	2.50	5.2	55.8	64.1	0.026	2.5	271
47958 (2374627)	<1	5.13	12	<20	340	<5	2.3	2.08	11.0	46.3	111	0.024	2.2	497
47959 (2374628)	<1	5.24	<5	<20	211	<5	2.9	2.54	10.0	54.8	100	0.017	2.3	520
47960 (2374629)	<1	5.60	6	<20	855	<5	2.2	1.88	11.1	50.1	88.6	0.020	2.2	521
47961 (2374630)	<1	5.12	<5	<20	539	<5	1.6	1.89	8.9	49.1	72.1	0.014	2.1	456
47962 C-DUP (2374631)	<1	5.16	<5	<20	569	<5	1.6	1.92	9.2	51.3	77.2	0.016	2.0	470
47963 (2374632)	<1	5.95	8	<20	734	<5	1.8	2.02	6.8	52.5	72.9	0.016	2.9	475
47964 (2374633)	<1	5.69	7	<20	222	<5	1.3	1.90	8.6	52.3	77.6	0.038	2.6	571
47965 (2374634)	1	5.57	7	<20	220	<5	1.1	1.84	7.0	80.0	57.6	0.016	2.5	438
47966 (2374635)	<1	5.98	5	<20	473	<5	1.4	1.47	11.0	39.7	69.8	0.014	2.1	654
47967 (2374636)	<1	7.88	13	<20	923	<5	0.4	1.39	<0.2	54.6	25.1	0.041	2.8	201
47968 (2374637)	<1	7.09	5	<20	477	<5	0.8	2.01	11.8	55.1	110	0.028	1.5	768
47969 (2374638)	<1	7.25	<5	<20	1730	<5	0.2	3.94	3.1	101	32.3	0.029	3.2	114
47970 (2374639)	<1	7.13	<5	<20	1680	<5	0.2	4.12	<0.2	109	26.5	0.026	1.8	51
47971 (2374640)	<1	7.13	<5	<20	1750	<5	0.1	3.89	<0.2	106	24.8	0.021	1.8	44
47972 (2374641)	<1	3.59	<5	<20	267	<5	<0.1	7.52	<0.2	79.7	5.7	0.018	0.7	8
47973 (2374642)	1	6.43	<5	<20	651	<5	0.5	2.63	7.9	46.4	79.7	0.036	0.4	587
47974 (2374643)	<1	5.57	<5	<20	528	<5	1.2	4.36	<0.2	7.2	162	0.338	2.3	252
47975 (2374644)	<1	5.03	<5	<20	71.8	<5	0.7	6.45	<0.2	3.5	144	0.367	1.2	83
47976 (2374645)	<1	5.77	<5	<20	36.8	<5	1.0	6.30	<0.2	3.5	136	0.448	1.2	135
47977 (2374646)	<1	3.71	<5	<20	30.6	<5	1.0	12.3	<0.2	3.2	107	0.249	0.2	28
47978 (2374647)	<1	3.41	<5	<20	83.3	<5	0.9	7.15	<0.2	1.5	100	0.242	8.0	16
47979 (2374648)	<1	3.71	<5	<20	26.4	<5	1.0	8.95	<0.2	2.0	111	0.274	3.1	49
47980 (2374649)	<1	5.23	<5	<20	24.6	<5	0.8	15.2	<0.2	2.9	147	0.381	1.2	54
47981 (2374650)	<1	5.46	<5	<20	83.3	<5	0.6	10.0	<0.2	3.3	151	0.358	3.7	23
47982 (2374651)	<1	2.49	<5	<20	0.7	<5	0.6	5.93	<0.2	1.4	90.7	0.206	0.1	75

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736559

PROJECT: 2021 Surimeau DDh Batch 50

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
47983 (2374652)	<1	2.53	<5	<20	<0.5	<5	1.4	4.87	<0.2	1.2	89.3	0.190	0.1	11
47984 (2374653)	<1	3.14	<5	<20	151	<5	1.2	9.40	<0.2	1.7	95.0	0.214	2.8	49
47985 (2374654)	<1	2.69	<5	<20	0.8	<5	0.8	5.44	<0.2	1.0	87.1	0.198	0.1	44
47986 (2374655)	<1	3.14	<5	<20	<0.5	<5	0.8	4.12	<0.2	1.3	95.1	0.224	<0.1	25
47987 (2374656)	<1	3.06	<5	<20	<0.5	<5	0.9	5.00	<0.2	1.5	96.7	0.220	0.2	50
47988 (2374657)	<1	2.87	<5	<20	<0.5	<5	0.9	5.11	<0.2	1.7	88.5	0.197	0.1	31
47989 (2374658)	<1	2.56	<5	<20	<0.5	<5	0.5	6.12	<0.2	1.6	85.4	0.192	<0.1	54
47990 (2374659)	<1	3.28	<5	<20	2.8	<5	0.7	5.83	<0.2	1.4	109	0.234	0.3	48
47991 (2374660)	<1	6.36	<5	<20	114	<5	2.0	7.72	<0.2	3.4	200	0.495	1.1	63
47992 (2374661)	<1	6.17	<5	<20	111	<5	1.7	7.94	<0.2	3.1	176	0.469	1.1	58
47993 (2374662)	<1	3.73	<5	<20	28.3	<5	0.8	12.1	<0.2	2.3	101	0.267	0.6	19
47994 (2374663)	<1	3.62	<5	<20	193	<5	0.7	5.29	<0.2	2.2	91.6	0.234	10.9	57
47995 C-DUP (2374664)	<1	3.68	<5	<20	194	<5	0.8	5.40	<0.2	2.2	97.6	0.236	11.7	70
47996 (2374665)	<1	2.86	<5	<20	40.5	<5	0.9	4.44	<0.2	1.9	96.3	0.219	3.4	63
47997 (2374666)	<1	3.99	<5	<20	236	<5	1.0	3.45	<0.2	4.7	101	0.229	15.3	93
47998 (2374667)	<1	9.27	<5	<20	628	<5	0.2	2.40	<0.2	117	8.6	0.010	0.7	112
47999 (2374668)	<1	8.25	<5	<20	1180	<5	0.1	1.93	<0.2	97.0	7.4	0.007	1.1	48
48000 (2374669)	1	9.17	<5	<20	999	<5	0.2	2.12	<0.2	116	7.2	0.009	1.3	102

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736559

PROJECT: 2021 Surimeau DDh Batch 50

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
47951 (2374620)	3.06	1.50	1.70	6.75	17.9	3.31	1	3	0.57	1.5	1.25	20.2	16	0.30
47952 (2374621)	2.97	1.64	1.11	1.33	11.5	3.89	1	4	0.58	<0.2	2.14	21.3	23	0.25
47953 (2374622)	3.17	1.80	2.53	4.43	21.8	4.02	2	3	0.68	0.5	1.76	24.9	19	0.31
47954 (2374623)	2.98	1.60	1.59	12.3	15.7	3.58	2	3	0.61	1.2	1.82	20.0	23	0.29
47955 (2374624)	4.00	2.19	1.92	13.2	16.6	4.63	1	3	0.87	1.8	1.26	28.9	15	0.41
47956 (2374625)	2.93	1.47	1.89	6.82	18.9	3.60	2	3	0.56	1.0	1.19	23.5	16	0.26
47957 (2374626)	3.32	1.90	2.12	4.61	22.4	4.00	1	4	0.66	0.6	1.59	26.6	18	0.34
47958 (2374627)	2.90	1.64	1.95	7.19	21.0	3.47	1	3	0.63	1.1	1.07	21.9	19	0.32
47959 (2374628)	3.53	1.83	2.10	6.94	20.5	3.96	2	3	0.73	1.0	0.91	25.5	20	0.35
47960 (2374629)	3.29	1.81	2.04	6.92	19.8	3.59	1	3	0.63	1.2	1.55	24.0	21	0.37
47961 (2374630)	3.21	2.07	1.98	6.28	16.8	3.80	2	3	0.67	1.0	1.20	23.2	20	0.35
47962 C-DUP (2374631)	3.37	1.88	1.80	6.36	17.2	3.94	2	3	0.71	1.0	1.22	24.1	20	0.30
47963 (2374632)	3.36	1.89	2.27	5.91	20.7	4.14	2	3	0.63	0.7	1.54	25.2	28	0.36
47964 (2374633)	3.37	2.08	2.05	6.95	19.0	4.01	1	3	0.67	0.9	1.12	24.8	37	0.33
47965 (2374634)	3.41	1.97	2.24	6.19	23.1	4.66	3	3	0.72	0.7	1.05	39.9	33	0.34
47966 (2374635)	3.41	2.14	1.85	7.01	18.5	3.13	1	4	0.73	1.2	1.29	17.8	27	0.37
47967 (2374636)	2.58	1.28	1.31	4.08	25.1	3.59	2	4	0.50	<0.2	2.98	27.4	41	0.21
47968 (2374637)	2.84	1.56	1.48	7.87	26.3	3.75	3	3	0.60	2.2	1.64	26.0	26	0.25
47969 (2374638)	3.77	1.60	2.22	4.94	26.8	6.70	3	4	0.68	0.7	2.18	47.3	45	0.23
47970 (2374639)	4.05	1.81	2.51	4.83	26.2	7.49	4	5	0.77	<0.2	1.88	50.8	34	0.21
47971 (2374640)	3.49	1.46	2.47	4.60	27.0	6.81	2	5	0.67	<0.2	2.07	50.2	39	0.19
47972 (2374641)	3.59	1.77	1.52	1.51	15.4	5.72	2	4	0.72	<0.2	1.96	38.3	27	0.25
47973 (2374642)	2.88	1.82	1.12	7.13	19.4	3.33	2	3	0.60	1.0	0.75	21.8	<10	0.26
47974 (2374643)	2.61	1.45	0.62	8.76	12.6	2.04	3	1	0.55	<0.2	0.98	3.5	32	0.24
47975 (2374644)	2.32	1.49	0.51	8.92	12.6	1.78	5	<1	0.55	<0.2	0.45	1.4	15	0.24
47976 (2374645)	2.73	1.79	0.51	9.03	13.6	2.14	3	1	0.64	<0.2	0.36	1.2	20	0.29
47977 (2374646)	1.70	1.05	0.33	6.49	8.96	1.53	2	<1	0.41	<0.2	0.20	1.7	<10	0.16
47978 (2374647)	1.49	0.89	0.20	6.53	7.33	1.08	3	<1	0.31	<0.2	1.11	0.5	33	0.12
47979 (2374648)	1.85	1.11	0.48	7.05	9.67	1.37	2	<1	0.39	<0.2	0.52	0.7	20	0.18
47980 (2374649)	2.39	1.58	0.80	9.44	9.87	1.77	1	<1	0.50	<0.2	0.25	1.2	34	0.25
47981 (2374650)	2.45	1.67	0.76	10.0	11.9	2.19	2	1	0.57	<0.2	0.52	1.2	35	0.22
47982 (2374651)	1.26	0.90	0.08	6.31	5.99	1.01	2	<1	0.34	<0.2	<0.05	0.4	<10	0.12

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736559

PROJECT: 2021 Surimeau DDh Batch 50

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
47983 (2374652)	1.08	0.72	0.09	6.09	5.98	0.85	2	<1	0.24	<0.2	<0.05	0.4	<10	0.08
47984 (2374653)	1.53	1.05	0.86	6.56	6.49	1.32	2	<1	0.33	<0.2	0.42	0.7	20	0.16
47985 (2374654)	1.17	0.78	0.15	6.41	6.17	1.00	2	<1	0.26	<0.2	<0.05	0.3	<10	0.13
47986 (2374655)	1.12	0.69	0.10	7.04	7.08	0.82	2	<1	0.27	<0.2	<0.05	0.4	<10	0.11
47987 (2374656)	1.20	0.77	0.12	7.00	6.77	1.00	2	<1	0.28	<0.2	<0.05	0.5	<10	0.14
47988 (2374657)	1.19	0.76	0.10	6.92	6.70	1.11	2	<1	0.30	<0.2	<0.05	0.6	<10	0.12
47989 (2374658)	1.30	0.70	0.10	6.39	5.64	1.04	3	<1	0.31	<0.2	<0.05	0.6	<10	0.13
47990 (2374659)	1.27	0.85	0.19	6.88	7.35	1.04	2	<1	0.29	<0.2	<0.05	0.5	<10	0.13
47991 (2374660)	2.90	1.77	0.80	8.52	10.1	2.36	2	1	0.68	<0.2	0.41	1.3	21	0.27
47992 (2374661)	2.59	1.70	0.64	8.33	11.3	2.00	2	<1	0.57	<0.2	0.37	1.2	19	0.25
47993 (2374662)	1.76	1.09	0.44	6.45	7.88	1.44	3	<1	0.38	<0.2	0.23	1.1	12	0.18
47994 (2374663)	1.30	0.93	0.34	6.91	7.08	1.23	5	<1	0.32	<0.2	1.44	0.7	49	0.14
47995 C-DUP (2374664)	1.42	1.00	0.41	7.02	8.24	1.25	5	<1	0.36	<0.2	1.47	0.7	49	0.17
47996 (2374665)	1.31	0.80	0.16	6.88	7.27	0.92	8	<1	0.30	<0.2	0.37	0.7	12	0.13
47997 (2374666)	1.40	0.84	0.19	7.57	12.3	1.23	6	<1	0.35	<0.2	1.87	1.9	54	0.13
47998 (2374667)	2.02	0.70	2.20	2.29	31.6	5.29	2	6	0.31	<0.2	0.24	55.9	<10	<0.05
47999 (2374668)	1.51	0.49	1.93	1.98	29.6	4.56	1	5	0.25	<0.2	1.05	45.1	20	0.06
48000 (2374669)	2.00	0.62	2.14	2.07	31.1	5.11	2	6	0.30	<0.2	0.63	56.3	16	0.07

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736559

PROJECT: 2021 Surimeau DDh Batch 50

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
47951 (2374620)	0.58	362	26	4	19.9	266	0.03	39	5.62	49.1	4.79	<0.1	15	22.3
47952 (2374621)	3.33	488	15	5	20.2	6	0.03	5	5.61	43.0	<0.01	<0.1	<5	23.2
47953 (2374622)	0.72	326	16	7	23.3	157	0.04	34	6.64	76.2	2.83	0.4	16	20.7
47954 (2374623)	0.77	340	19	4	20.2	339	0.01	224	5.41	59.6	8.96	0.3	14	17.9
47955 (2374624)	0.45	302	27	5	29.4	442	0.02	395	8.13	44.1	9.56	0.2	13	18.4
47956 (2374625)	0.72	356	26	5	22.8	234	0.03	96	6.33	49.1	5.11	0.1	14	22.9
47957 (2374626)	0.78	318	18	7	25.4	172	0.03	25	7.41	71.1	3.01	0.1	15	23.4
47958 (2374627)	0.77	440	28	5	22.5	279	0.02	94	6.09	52.4	4.85	<0.1	15	21.0
47959 (2374628)	0.73	386	23	5	25.7	271	0.02	192	7.32	49.4	4.57	0.1	15	20.4
47960 (2374629)	0.80	366	27	5	23.4	284	0.03	117	6.59	59.5	4.70	0.1	17	20.3
47961 (2374630)	0.72	335	24	5	23.9	253	0.03	50	6.52	54.5	4.04	<0.1	15	20.6
47962 C-DUP (2374631)	0.76	344	25	5	23.5	268	0.03	50	6.66	53.2	4.35	0.3	16	21.0
47963 (2374632)	0.87	333	17	6	24.8	216	0.03	119	6.81	70.5	3.90	0.2	18	20.9
47964 (2374633)	1.01	396	21	5	25.2	343	0.02	64	6.65	57.6	4.63	<0.1	15	22.0
47965 (2374634)	0.96	385	20	5	37.0	203	0.02	58	10.1	54.1	4.06	<0.1	15	21.6
47966 (2374635)	0.82	303	18	6	19.2	236	0.03	55	5.00	57.4	4.84	<0.1	16	20.7
47967 (2374636)	0.85	201	22	6	25.3	88	0.05	31	7.01	107	2.79	0.2	14	27.8
47968 (2374637)	0.79	965	17	6	25.8	241	0.04	32	6.91	67.0	5.38	<0.1	12	25.4
47969 (2374638)	2.89	881	14	6	53.5	58	0.16	26	13.6	81.2	1.31	<0.1	17	25.2
47970 (2374639)	3.15	857	6	5	57.8	50	0.16	25	14.6	57.0	0.98	<0.1	17	23.3
47971 (2374640)	2.88	815	3	6	54.1	51	0.14	25	14.4	69.1	0.49	<0.1	16	24.9
47972 (2374641)	3.47	434	15	7	38.2	7	0.03	6	10.4	53.6	<0.01	<0.1	<5	24.4
47973 (2374642)	0.61	804	27	6	22.1	487	0.03	18	6.11	28.0	4.43	0.1	12	26.6
47974 (2374643)	4.05	2990	10	1	4.7	1820	<0.01	10	1.06	57.6	4.39	<0.1	34	23.6
47975 (2374644)	4.33	3850	13	1	3.2	1890	<0.01	7	0.63	15.9	1.03	<0.1	34	23.6
47976 (2374645)	5.69	3380	7	1	3.7	1880	<0.01	8	0.65	11.3	0.61	<0.1	44	22.4
47977 (2374646)	7.27	2110	7	<1	2.5	1290	<0.01	8	0.53	5.0	0.09	<0.1	24	19.5
47978 (2374647)	10.6	1480	3	<1	1.6	1270	<0.01	<5	0.27	45.9	0.05	<0.1	24	22.8
47979 (2374648)	8.91	2010	<2	<1	2.2	1260	<0.01	<5	0.42	18.7	0.26	<0.1	27	20.9
47980 (2374649)	6.84	3360	<2	<1	2.8	1740	<0.01	10	0.49	9.8	0.68	<0.1	38	10.9
47981 (2374650)	8.96	2720	<2	<1	3.3	1160	<0.01	7	0.54	21.6	0.31	<0.1	39	13.7
47982 (2374651)	13.2	995	<2	<1	1.5	1130	<0.01	<5	0.24	0.6	0.45	<0.1	20	20.5

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736559

PROJECT: 2021 Surimeau DDh Batch 50

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
47983 (2374652)	14.0	1010	<2	<1	1.3	1320	<0.01	<5	0.21	0.5	0.12	<0.1	18	20.2
47984 (2374653)	10.7	1700	<2	<1	1.8	1130	<0.01	6	0.34	20.0	0.43	<0.1	22	17.0
47985 (2374654)	13.6	1020	<2	<1	1.5	1160	<0.01	<5	0.21	0.4	0.49	<0.1	19	20.7
47986 (2374655)	14.3	1100	<2	<1	1.5	1190	<0.01	<5	0.27	0.6	0.28	<0.1	21	18.7
47987 (2374656)	14.0	1130	<2	<1	1.3	1180	<0.01	<5	0.29	0.6	0.38	<0.1	21	19.3
47988 (2374657)	13.8	1150	<2	<1	1.6	1050	<0.01	<5	0.31	0.4	0.28	<0.1	21	18.8
47989 (2374658)	13.2	995	<2	<1	1.5	1060	<0.01	<5	0.31	0.5	0.50	<0.1	19	20.7
47990 (2374659)	12.4	1290	<2	<1	1.6	1270	<0.01	<5	0.27	1.3	0.49	0.1	22	20.7
47991 (2374660)	6.18	2110	<2	1	3.2	2180	<0.01	13	0.70	11.0	0.21	<0.1	46	19.8
47992 (2374661)	6.45	2050	<2	<1	2.9	2040	<0.01	13	0.61	10.6	0.18	0.1	44	20.2
47993 (2374662)	7.59	1780	<2	<1	2.3	1170	<0.01	7	0.46	5.2	0.08	<0.1	27	18.7
47994 (2374663)	11.5	1410	<2	<1	2.0	1030	<0.01	<5	0.38	60.6	1.11	<0.1	24	20.4
47995 C-DUP (2374664)	11.8	1430	2	<1	2.1	1020	<0.01	<5	0.40	62.7	1.11	0.7	24	20.9
47996 (2374665)	13.5	1220	<2	<1	1.8	1090	<0.01	<5	0.35	19.8	1.25	0.2	20	21.4
47997 (2374666)	13.1	1110	<2	1	3.3	1070	<0.01	<5	0.76	87.1	1.53	<0.1	23	20.3
47998 (2374667)	1.01	279	5	7	56.7	24	0.10	25	15.2	9.2	0.28	0.1	<5	27.2
47999 (2374668)	0.81	242	3	4	46.7	16	0.09	22	13.1	31.3	0.18	<0.1	<5	29.2
48000 (2374669)	0.71	218	18	7	54.7	6	0.10	26	15.5	21.7	0.35	0.2	<5	28.4

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736559

PROJECT: 2021 Surimeau DDh Batch 50

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
47951 (2374620)	3.7	5	134	<0.5	0.50	5.7	0.18	2.6	0.24	1.99	68	3	14.4	1.7
47952 (2374621)	3.8	<1	177	<0.5	0.53	2.7	0.17	<0.5	0.26	0.87	28	<1	17.0	1.7
47953 (2374622)	4.8	7	156	0.5	0.59	7.3	0.26	3.0	0.32	2.60	71	2	17.6	2.1
47954 (2374623)	3.6	6	94.6	<0.5	0.51	8.2	0.15	3.8	0.26	2.02	94	3	15.0	1.8
47955 (2374624)	5.4	7	99.5	0.6	0.70	10.9	0.15	2.9	0.34	2.66	66	4	18.6	2.4
47956 (2374625)	4.6	5	108	<0.5	0.48	6.8	0.21	2.8	0.22	2.06	84	2	14.7	1.7
47957 (2374626)	4.1	4	128	<0.5	0.49	7.4	0.26	3.6	0.25	2.26	75	2	16.9	1.8
47958 (2374627)	3.9	4	94.3	<0.5	0.59	6.9	0.17	2.7	0.28	1.87	58	3	14.9	1.7
47959 (2374628)	5.3	5	112	<0.5	0.60	7.7	0.17	2.8	0.33	2.37	54	3	18.1	2.2
47960 (2374629)	4.6	5	103	<0.5	0.55	7.0	0.19	3.9	0.28	2.16	72	4	16.8	2.1
47961 (2374630)	4.6	4	85.3	<0.5	0.60	6.8	0.18	3.1	0.30	1.96	66	4	16.9	2.2
47962 C-DUP (2374631)	4.5	5	86.5	<0.5	0.56	7.0	0.18	3.2	0.29	2.16	68	4	17.7	2.0
47963 (2374632)	4.7	5	104	<0.5	0.58	7.8	0.20	3.7	0.30	2.25	61	2	18.2	2.1
47964 (2374633)	4.6	5	99.5	<0.5	0.62	7.8	0.19	2.4	0.32	2.46	58	3	18.0	2.1
47965 (2374634)	5.9	5	92.5	<0.5	0.59	7.5	0.18	2.2	0.32	2.26	58	2	17.1	2.0
47966 (2374635)	3.7	5	104	0.6	0.56	8.5	0.22	2.7	0.33	2.46	67	2	18.3	2.3
47967 (2374636)	4.6	7	93.4	0.5	0.47	7.1	0.32	6.3	0.19	2.32	112	<1	12.6	1.3
47968 (2374637)	4.4	10	174	0.5	0.55	7.2	0.30	4.4	0.25	2.56	91	1	14.0	1.6
47969 (2374638)	9.1	3	1160	<0.5	0.79	8.0	0.39	2.8	0.24	2.27	136	<1	17.5	1.5
47970 (2374639)	9.8	3	1290	<0.5	0.86	9.0	0.39	1.1	0.25	2.47	141	<1	19.0	1.4
47971 (2374640)	9.4	3	1180	<0.5	0.75	8.7	0.37	1.4	0.23	2.44	136	<1	17.4	1.3
47972 (2374641)	6.6	<1	172	<0.5	0.74	4.9	0.19	<0.5	0.25	1.25	39	<1	18.4	1.6
47973 (2374642)	3.6	3	229	<0.5	0.52	6.2	0.26	0.8	0.29	2.65	82	<1	14.8	1.8
47974 (2374643)	1.4	1	144	<0.5	0.40	0.6	0.30	2.6	0.25	0.23	223	<1	14.6	1.5
47975 (2374644)	1.0	2	146	<0.5	0.40	0.1	0.27	<0.5	0.24	0.10	221	<1	13.1	1.6
47976 (2374645)	1.3	1	179	<0.5	0.40	0.1	0.35	<0.5	0.28	0.06	280	<1	16.0	1.8
47977 (2374646)	1.0	2	189	<0.5	0.27	<0.1	0.20	<0.5	0.17	<0.05	155	<1	10.2	1.1
47978 (2374647)	0.7	<1	58.7	<0.5	0.22	<0.1	0.18	0.6	0.15	<0.05	145	<1	8.5	0.9
47979 (2374648)	0.9	<1	111	<0.5	0.27	<0.1	0.22	<0.5	0.19	0.06	173	<1	10.6	1.2
47980 (2374649)	1.1	<1	553	<0.5	0.32	<0.1	0.31	<0.5	0.24	0.09	246	<1	13.9	1.6
47981 (2374650)	1.3	<1	364	<0.5	0.38	0.1	0.34	<0.5	0.24	0.05	267	<1	14.4	1.6
47982 (2374651)	0.7	<1	86.2	<0.5	0.19	<0.1	0.16	<0.5	0.14	<0.05	115	<1	7.5	0.8

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736559

PROJECT: 2021 Surimeau DDh Batch 50

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
47983 (2374652)	0.5	<1	104	<0.5	0.14	<0.1	0.14	<0.5	0.11	<0.05	112	<1	6.0	0.7
47984 (2374653)	0.7	<1	320	<0.5	0.22	<0.1	0.17	<0.5	0.14	<0.05	143	<1	9.2	0.9
47985 (2374654)	0.5	<1	69.5	<0.5	0.16	<0.1	0.16	<0.5	0.11	<0.05	121	<1	7.1	0.8
47986 (2374655)	0.6	<1	117	<0.5	0.16	<0.1	0.18	<0.5	0.09	<0.05	135	<1	6.5	0.8
47987 (2374656)	0.8	<1	118	<0.5	0.17	<0.1	0.18	<0.5	0.12	<0.05	135	<1	6.8	0.8
47988 (2374657)	0.6	<1	139	<0.5	0.18	<0.1	0.16	<0.5	0.12	<0.05	123	<1	7.2	0.8
47989 (2374658)	0.6	<1	77.3	<0.5	0.17	<0.1	0.14	<0.5	0.11	<0.05	116	<1	6.7	0.7
47990 (2374659)	0.6	<1	38.0	<0.5	0.19	<0.1	0.18	<0.5	0.13	<0.05	136	<1	7.6	0.9
47991 (2374660)	1.4	1	394	<0.5	0.42	0.1	0.37	<0.5	0.26	<0.05	283	<1	16.3	1.9
47992 (2374661)	1.4	<1	395	<0.5	0.39	0.1	0.35	<0.5	0.23	<0.05	274	<1	14.6	1.7
47993 (2374662)	0.9	3	227	<0.5	0.26	<0.1	0.22	<0.5	0.17	<0.05	164	<1	9.4	1.0
47994 (2374663)	0.8	3	35.7	<0.5	0.21	<0.1	0.20	1.0	0.12	<0.05	155	<1	8.2	0.9
47995 C-DUP (2374664)	0.8	3	36.6	<0.5	0.21	0.1	0.21	1.0	0.15	<0.05	158	<1	9.0	1.0
47996 (2374665)	0.6	<1	22.8	<0.5	0.18	<0.1	0.17	<0.5	0.11	<0.05	127	<1	6.6	0.9
47997 (2374666)	0.8	<1	36.8	<0.5	0.19	0.5	0.21	1.4	0.12	0.13	152	<1	7.8	0.9
47998 (2374667)	8.6	2	1710	<0.5	0.51	9.0	0.33	<0.5	0.08	2.45	44	<1	7.6	0.5
47999 (2374668)	7.4	<1	1470	<0.5	0.43	7.5	0.28	<0.5	0.08	2.10	40	<1	6.5	0.4
48000 (2374669)	8.6	3	1660	<0.5	0.51	8.9	0.31	<0.5	0.08	2.77	43	<1	8.2	0.5

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736559

PROJECT: 2021 Surimeau DDh Batch 50

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
47951 (2374620)	7110	94.0
47952 (2374621)	17	142
47953 (2374622)	2360	128
47954 (2374623)	4650	86.9
47955 (2374624)	8530	114
47956 (2374625)	4380	112
47957 (2374626)	2940	127
47958 (2374627)	6120	94.1
47959 (2374628)	5470	126
47960 (2374629)	5770	102
47961 (2374630)	4960	99.9
47962 C-DUP (2374631)	5130	103
47963 (2374632)	3780	117
47964 (2374633)	4900	113
47965 (2374634)	3580	107
47966 (2374635)	6230	123
47967 (2374636)	150	125
47968 (2374637)	6390	120
47969 (2374638)	1580	159
47970 (2374639)	135	176
47971 (2374640)	124	169
47972 (2374641)	19	164
47973 (2374642)	4070	128
47974 (2374643)	134	36.5
47975 (2374644)	116	26.3
47976 (2374645)	95	32.1
47977 (2374646)	87	17.2
47978 (2374647)	66	16.4
47979 (2374648)	64	20.6
47980 (2374649)	81	27.2
47981 (2374650)	97	32.9
47982 (2374651)	43	16.2

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736559

PROJECT: 2021 Surimeau DDh Batch 50

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
47983 (2374652)	43	13.2
47984 (2374653)	69	15.7
47985 (2374654)	45	13.7
47986 (2374655)	51	15.1
47987 (2374656)	47	14.8
47988 (2374657)	45	15.1
47989 (2374658)	44	14.4
47990 (2374659)	49	19.3
47991 (2374660)	80	34.7
47992 (2374661)	76	31.4
47993 (2374662)	54	18.9
47994 (2374663)	55	17.5
47995 C-DUP (2374664)	55	19.5
47996 (2374665)	64	16.5
47997 (2374666)	92	26.7
47998 (2374667)	68	230
47999 (2374668)	77	196
48000 (2374669)	57	226

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736559

PROJECT: 2021 Surimeau DDh Batch 50

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
47951 (2374620)	76.56
47970 (2374639)	82.57
47990 (2374659)	75.93

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736559

PROJECT: 2021 Surimeau DDh Batch 50

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
47951 (2374620)	89.29
47985 (2374654)	86.92
48000 (2374669)	88.26

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O736559

PROJECT: 2021 Surimeau DDh Batch 50

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2374620	< 1	< 1	0.0%	2374634	1	< 1		2374645	< 1	< 1	0.0%	2374660	< 1	< 1	0.0%
Al	2374620	5.28	5.22	1.1%	2374634	5.57	5.64	1.2%	2374645	5.77	5.76	0.2%	2374660	6.36	6.36	0.0%
As	2374620	9	10	10.5%	2374634	7	8	13.3%	2374645	< 5	< 5	0.0%	2374660	< 5	< 5	0.0%
B	2374620	< 20	< 20	0.0%	2374634	< 20	< 20	0.0%	2374645	< 20	< 20	0.0%	2374660	< 20	< 20	0.0%
Ba	2374620	676	677	0.1%	2374634	220	217	1.4%	2374645	36.8	37.2	1.1%	2374660	114	116	1.7%
Be	2374620	< 5	< 5	0.0%	2374634	< 5	< 5	0.0%	2374645	< 5	< 5	0.0%	2374660	< 5	< 5	0.0%
Bi	2374620	1.24	1.34	7.8%	2374634	1.08	1.17	8.0%	2374645	0.95	0.89	6.5%	2374660	2.0	2.0	0.0%
Ca	2374620	1.63	1.62	0.6%	2374634	1.84	1.86	1.1%	2374645	6.30	6.30	0.0%	2374660	7.72	7.72	0.0%
Cd	2374620	11.7	12.5	6.6%	2374634	7.0	6.0	15.4%	2374645	< 0.2	< 0.2	0.0%	2374660	< 0.2	< 0.2	0.0%
Ce	2374620	43.5	42.7	1.9%	2374634	80.0	78.5	1.9%	2374645	3.5	3.5	0.0%	2374660	3.41	3.56	4.3%
Co	2374620	100	103	3.0%	2374634	57.6	57.0	1.0%	2374645	136	141	3.6%	2374660	200	191	4.6%
Cr	2374620	0.022	0.022	0.0%	2374634	0.0156	0.0150	3.9%	2374645	0.448	0.447	0.2%	2374660	0.495	0.498	0.6%
Cs	2374620	1.66	1.32	22.8%	2374634	2.5	2.4	4.1%	2374645	1.22	1.38	12.3%	2374660	1.07	1.01	5.8%
Cu	2374620	755	750	0.7%	2374634	438	441	0.7%	2374645	135	130	3.8%	2374660	63	60	4.9%
Dy	2374620	3.06	2.73	11.4%	2374634	3.41	3.22	5.7%	2374645	2.73	2.75	0.7%	2374660	2.90	2.60	10.9%
Er	2374620	1.50	1.59	5.8%	2374634	1.97	1.97	0.0%	2374645	1.79	1.90	6.0%	2374660	1.77	1.87	5.5%
Eu	2374620	1.70	1.70	0.0%	2374634	2.24	2.04	9.3%	2374645	0.51	0.62	19.5%	2374660	0.798	0.805	0.9%
Fe	2374620	6.75	6.79	0.6%	2374634	6.19	6.29	1.6%	2374645	9.03	9.04	0.1%	2374660	8.52	8.53	0.1%
Ga	2374620	17.9	17.2	4.0%	2374634	23.1	22.9	0.9%	2374645	13.6	11.7	15.0%	2374660	10.1	10.8	6.7%
Gd	2374620	3.31	3.29	0.6%	2374634	4.66	4.75	1.9%	2374645	2.14	2.11	1.4%	2374660	2.36	2.29	3.0%
Ge	2374620	1	1	0.0%	2374634	3	2		2374645	3	3	0.0%	2374660	2	2	0.0%
Hf	2374620	3	3	0.0%	2374634	3	3	0.0%	2374645	1	1	0.0%	2374660	1	1	0.0%
Ho	2374620	0.57	0.58	1.7%	2374634	0.72	0.65	10.2%	2374645	0.64	0.67	4.6%	2374660	0.68	0.66	3.0%
In	2374620	1.5	1.6	6.5%	2374634	0.74	0.80	7.8%	2374645	< 0.2	< 0.2	0.0%	2374660	< 0.2	< 0.2	0.0%
K	2374620	1.25	1.24	0.8%	2374634	1.05	1.05	0.0%	2374645	0.365	0.375	2.7%	2374660	0.415	0.422	1.7%
La	2374620	20.2	19.5	3.5%	2374634	39.9	39.0	2.3%	2374645	1.24	1.34	7.8%	2374660	1.3	1.6	20.7%
Li	2374620	16	16	0.0%	2374634	33	34	3.0%	2374645	20	20	0.0%	2374660	21	21	0.0%
Lu	2374620	0.303	0.284	6.5%	2374634	0.344	0.356	3.4%	2374645	0.292	0.308	5.3%	2374660	0.27	0.27	0.0%
Mg	2374620	0.58	0.58	0.0%	2374634	0.958	0.943	1.6%	2374645	5.69	5.65	0.7%	2374660	6.18	6.15	0.5%
Mn	2374620	362	359	0.8%	2374634	385	388	0.8%	2374645	3380	3380	0.0%	2374660	2110	2110	0.0%
Mo	2374620	26	27	3.8%	2374634	20	20	0.0%	2374645	7	5		2374660	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2374620	4	5	22.2%	2374634	5	5	0.0%	2374645	1	1	0.0%	2374660	1	< 1	
Nd	2374620	19.9	20.6	3.5%	2374634	37.0	36.0	2.7%	2374645	3.75	3.81	1.6%	2374660	3.23	3.43	6.0%
Ni	2374620	266	276	3.7%	2374634	203	205	1.0%	2374645	1880	1860	1.1%	2374660	2180	2170	0.5%
P	2374620	0.03	0.03	0.0%	2374634	0.020	0.027	29.8%	2374645	< 0.01	< 0.01	0.0%	2374660	< 0.01	< 0.01	0.0%
Pb	2374620	39	38	2.6%	2374634	58	58	0.0%	2374645	8	8	0.0%	2374660	13	13	0.0%
Pr	2374620	5.62	5.29	6.0%	2374634	10.1	10.0	1.0%	2374645	0.65	0.69	6.0%	2374660	0.702	0.674	4.1%
Rb	2374620	49.1	50.4	2.6%	2374634	54.1	56.3	4.0%	2374645	11.3	11.0	2.7%	2374660	11.0	12.1	9.5%
S	2374620	4.79	4.95	3.3%	2374634	4.06	4.01	1.2%	2374645	0.611	0.603	1.3%	2374660	0.21	0.20	4.9%
Sb	2374620	< 0.1	0.1		2374634	< 0.1	0.2		2374645	< 0.1	< 0.1	0.0%	2374660	< 0.1	< 0.1	0.0%
Sc	2374620	15	14	6.9%	2374634	15	15	0.0%	2374645	44	44	0.0%	2374660	46	46	0.0%
Si	2374620	22.3	22.2	0.4%	2374634	21.6	21.8	0.9%	2374645	22.4	22.4	0.0%	2374660	19.8	19.7	0.5%
Sm	2374620	3.7	3.8	2.7%	2374634	5.89	6.17	4.6%	2374645	1.3	1.1	16.7%	2374660	1.4	1.3	7.4%
Sn	2374620	5	5	0.0%	2374634	5	4	22.2%	2374645	1	1	0.0%	2374660	1	1	0.0%
Sr	2374620	134	132	1.5%	2374634	92.5	94.2	1.8%	2374645	179	178	0.6%	2374660	394	395	0.3%
Ta	2374620	< 0.5	< 0.5	0.0%	2374634	< 0.5	< 0.5	0.0%	2374645	< 0.5	< 0.5	0.0%	2374660	< 0.5	< 0.5	0.0%
Tb	2374620	0.50	0.45	10.5%	2374634	0.593	0.628	5.7%	2374645	0.404	0.430	6.2%	2374660	0.42	0.39	7.4%
Th	2374620	5.73	6.03	5.1%	2374634	7.54	7.81	3.5%	2374645	0.1	< 0.1		2374660	0.1	0.1	0.0%
Ti	2374620	0.18	0.18	0.0%	2374634	0.184	0.188	2.2%	2374645	0.35	0.35	0.0%	2374660	0.37	0.37	0.0%
Tl	2374620	2.61	2.51	3.9%	2374634	2.15	2.10	2.4%	2374645	< 0.5	< 0.5	0.0%	2374660	< 0.5	< 0.5	0.0%
Tm	2374620	0.245	0.251	2.4%	2374634	0.315	0.301	4.5%	2374645	0.283	0.274	3.2%	2374660	0.257	0.275	6.8%
U	2374620	1.99	2.18	9.1%	2374634	2.26	2.20	2.7%	2374645	0.06	< 0.05		2374660	< 0.05	< 0.05	0.0%
V	2374620	68	68	0.0%	2374634	58	58	0.0%	2374645	280	275	1.8%	2374660	283	284	0.4%
W	2374620	3	3	0.0%	2374634	2	2	0.0%	2374645	< 1	< 1	0.0%	2374660	< 1	< 1	0.0%
Y	2374620	14.4	13.8	4.3%	2374634	17.1	17.2	0.6%	2374645	16.0	15.4	3.8%	2374660	16.3	15.4	5.7%
Yb	2374620	1.7	1.8	5.7%	2374634	2.01	2.17	7.7%	2374645	1.8	1.8	0.0%	2374660	1.85	1.68	9.6%
Zn	2374620	7110	7160	0.7%	2374634	3580	3620	1.1%	2374645	95	95	0.0%	2374660	80	74	7.8%
Zr	2374620	94.0	100	6.2%	2374634	107	108	0.9%	2374645	32.1	31.7	1.3%	2374660	34.7	33.6	3.2%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O736559

PROJECT: 2021 Surimeau DDh Batch 50

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.CGL-015)				CRM #2 (ref.GTS-2a)				CRM #3 (ref.CGL-015)				CRM #4 (ref.GTS-2a)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al					6.94	6.71	97%	90% - 110%	13.0	12.2	94%	90% - 110%	6.94	6.48	93%	90% - 110%
Ba									1310	1233	94%	90% - 110%				
Ca					4.01	3.95	98%	90% - 110%	1.42	1.33	94%	90% - 110%	4.01	3.78	94%	90% - 110%
Ce	58.2	61.7	106%	90% - 110%												
Cu									6.4	7.9	123%	90% - 110%				
Fe					7.56	7.58	100%	90% - 110%	3.27	3.21	98%	90% - 110%	7.56	7.34	97%	90% - 110%
Ga	22.6	23.8	105%	90% - 110%												
K					2.02	1.96	97%	90% - 110%	3.68	3.51	95%	90% - 110%	2.02	1.9	94%	90% - 110%
La	27.5	28.7	104%	90% - 110%												
Li									65.0	64.6	99%	90% - 110%				
Mg					2.41	2.33	97%	90% - 110%					2.41	2.25	93%	90% - 110%
Nb	22.6	24.8	110%	90% - 110%												
Nd	27.3	27.8	102%	90% - 110%												
P									0.061	0.048	79%	90% - 110%				
Rb	85.4	85.8	100%	90% - 110%												
Si					23.65	23.36	99%	90% - 110%	24.4	23.8	98%	90% - 110%	23.65	22.79	96%	90% - 110%
Sr									310	310	100%	90% - 110%				
Ti									0.222	0.203	91%	90% - 110%				
Y	25.3	26.6	105%	90% - 110%												
Yb	2.66	3.21	121%	90% - 110%												
Zn									75.4	75.5	100%	90% - 110%				
Zr	157	164	105%	90% - 110%												

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O736559

PROJECT: 2021 Surimeau DDh Batch 50

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O736559

PROJECT: 2021 Surimeau DDh Batch 50

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O736559

PROJECT: 2021 Surimeau DDh Batch 50

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton
PROJECT: 2021 Surimeau DDH Batch 51
AGAT WORK ORDER: 21O736564
SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician
DATE REPORTED: Sep 21, 2021
PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736564

PROJECT: 2021 Surimeau DDH Batch 51

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
48001 (2374678)	1.95
48002 (2374679)	0.61
48003 (2374680)	3.19
48004 (2374681)	3.06
48005 (2374682)	3.04
48006 (2374683)	2.21
48007 (2374684)	2.26
48008 (2374685)	3.54
48009 (2374686)	3.70
48010 (2374687)	1.97
48011 (2374688)	4.07
48012C-DUP (2374689)	-
48013 (2374690)	2.14
48014 (2374691)	2.36
48015 (2374692)	1.58
48016 (2374693)	4.96
48017 (2374694)	2.61
48018 (2374695)	2.82
48019 (2374696)	5.42
48020 (2374697)	4.84
48021 (2374698)	5.03
48022 (2374699)	0.66
48023 (2374700)	5.33
48024 (2374701)	5.12
48025 (2374702)	4.68
48026 (2374703)	5.54
48027 (2374704)	4.94
48028 (2374705)	5.45
48029 (2374706)	4.92
48030 (2374707)	5.02
48031 (2374708)	5.08

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736564

PROJECT: 2021 Surimeau DDH Batch 51

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
48032 (2374709)	5.15
48033 (2374710)	5.14
48034 (2374711)	5.02
48035 (2374712)	5.04
48036 (2374713)	5.17
48037 (2374714)	5.14
48038 (2374715)	5.40
48039 (2374716)	5.17
48040 (2374717)	5.83
48041 (2374718)	2.87
48042 (2374719)	2.37
48043 (2374720)	4.58
48044 (2374721)	5.23
48045C-DUP (2374722)	-
48046 (2374723)	5.26
48047 (2374724)	5.74
48048 (2374725)	4.91
48049 (2374726)	4.71
48050 (2374727)	4.74

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736564

PROJECT: 2021 Surimeau DDH Batch 51

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
48001 (2374678)	<1	7.27	<5	<20	1620	<5	0.5	3.53	4.7	77.6	67.1	>30	7.6	1000
48002 (2374679)	<1	3.95	<5	<20	352	<5	<0.1	10.0	<0.2	47.4	7.6	>30	0.9	8
48003 (2374680)	<1	8.13	<5	<20	222	<5	0.5	2.53	10.9	55.9	92.2	0.013	0.1	890
48004 (2374681)	<1	8.18	<5	<20	221	6	1.0	3.55	9.8	72.6	89.1	0.016	<0.1	1270
48005 (2374682)	<1	10.2	<5	<20	187	6	0.9	3.17	7.1	71.4	54.6	0.025	0.1	509
48006 (2374683)	<1	10.5	<5	<20	155	8	0.5	4.31	<0.2	83.3	24.8	0.030	0.1	257
48007 (2374684)	<1	6.44	<5	49	137	<5	4.6	6.30	37.5	42.7	262	0.011	0.1	1300
48008 (2374685)	2	7.06	<5	<20	203	<5	1.5	8.04	<0.2	14.3	127	0.382	0.4	1260
48009 (2374686)	<1	6.48	<5	26	192	<5	1.8	7.39	<0.2	5.4	141	0.459	0.2	549
48010 (2374687)	<1	5.91	<5	<20	210	<5	1.9	6.66	<0.2	5.4	112	0.396	0.3	536
48011 (2374688)	<1	5.90	<5	42	116	<5	4.1	5.34	21.2	30.3	252	0.060	0.1	1270
48012C-DUP (2374689)	<1	6.03	<5	48	119	<5	4.0	5.53	21.1	29.9	253	0.065	0.2	1320
48013 (2374690)	<1	6.72	<5	<20	942	<5	2.1	5.30	0.2	5.4	202	0.464	4.1	752
48014 (2374691)	<1	6.50	<5	<20	136	10	1.3	7.59	0.3	4.7	149	0.445	0.1	220
48015 (2374692)	<1	6.70	<5	<20	153	10	1.5	7.63	0.3	5.2	147	0.448	0.2	212
48016 (2374693)	<1	6.47	<5	<20	130	<5	1.4	7.24	<0.2	3.8	145	0.447	2.1	113
48017 (2374694)	<1	5.66	<5	<20	46.9	<5	0.3	5.75	<0.2	3.4	125	0.407	0.3	73
48018 (2374695)	<1	5.59	<5	<20	79.3	<5	0.8	9.02	<0.2	3.3	146	0.418	0.4	289
48019 (2374696)	<1	3.23	<5	<20	1.0	<5	0.3	7.04	<0.2	1.6	91.6	0.232	0.3	83
48020 (2374697)	<1	3.64	<5	<20	4.6	<5	0.3	7.04	<0.2	2.3	95.8	0.272	0.4	85
48021 (2374698)	<1	4.20	<5	<20	22.6	<5	0.3	5.74	<0.2	11.4	89.6	0.228	0.9	51
48022 (2374699)	<1	2.97	<5	58	298	<5	<0.1	10.7	<0.2	48.9	4.3	0.014	0.7	<5
48023 (2374700)	<1	3.46	<5	<20	1.1	<5	0.4	4.51	<0.2	1.6	93.2	0.238	0.4	16
48024 (2374701)	<1	3.79	<5	<20	0.9	<5	0.3	4.71	<0.2	1.6	95.9	0.271	0.3	90
48025 (2374702)	1	3.07	<5	<20	1.2	<5	0.4	4.85	<0.2	1.6	88.6	0.224	0.5	<5
48026 (2374703)	<1	3.42	<5	<20	1.0	<5	0.4	4.93	<0.2	1.4	91.4	0.243	0.5	11
48027 (2374704)	1	3.56	<5	<20	1.4	<5	0.3	5.55	<0.2	1.4	88.1	0.260	0.3	28
48028 (2374705)	4	3.48	<5	<20	1.4	<5	0.4	4.67	<0.2	1.6	92.2	0.240	0.4	29
48029 (2374706)	<1	2.89	<5	<20	1.3	<5	0.3	4.28	<0.2	1.4	88.4	0.212	0.5	<5
48030 (2374707)	<1	4.18	<5	<20	1.3	<5	0.2	4.57	0.2	1.6	94.2	0.296	0.4	93
48031 (2374708)	<1	3.24	<5	<20	1.9	<5	0.5	5.43	<0.2	1.6	89.2	0.240	0.4	25
48032 (2374709)	2	3.32	<5	<20	1.8	<5	0.3	4.35	<0.2	1.5	91.8	0.246	0.4	38

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736564

PROJECT: 2021 Surimeau DDH Batch 51

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
48033 (2374710)	2	3.30	<5	<20	1.9	<5	0.4	4.74	<0.2	1.5	93.7	0.240	0.7	12
48034 (2374711)	<1	3.51	<5	<20	2.2	<5	0.2	4.62	<0.2	1.5	87.6	0.261	0.6	8
48035 (2374712)	<1	3.30	<5	<20	1.8	<5	0.4	5.17	<0.2	1.4	89.0	0.272	0.5	28
48036 (2374713)	<1	3.26	<5	<20	1.3	<5	0.3	5.09	<0.2	1.4	89.0	0.241	0.5	21
48037 (2374714)	<1	3.73	<5	<20	1.3	<5	0.3	4.26	<0.2	1.5	94.0	0.269	0.4	55
48038 (2374715)	<1	3.23	<5	<20	1.7	<5	0.3	4.14	<0.2	1.4	93.4	0.239	0.4	5
48039 (2374716)	<1	3.54	<5	<20	1.7	<5	0.3	4.58	<0.2	1.5	96.6	0.264	0.5	79
48040 (2374717)	<1	3.50	<5	<20	2.9	<5	0.3	5.97	<0.2	2.2	85.1	0.243	0.5	66
48041 (2374718)	<1	4.28	<5	<20	1.9	<5	0.2	3.70	<0.2	1.7	90.5	0.286	0.5	66
48042 (2374719)	<1	3.98	<5	<20	1.7	<5	0.2	3.74	<0.2	1.8	89.1	0.274	0.5	57
48043 (2374720)	<1	3.37	<5	<20	2.6	<5	0.1	3.02	<0.2	1.5	93.1	0.246	0.5	6
48044 (2374721)	<1	3.63	<5	<20	1.6	<5	0.2	3.36	<0.2	1.8	97.9	0.263	0.6	5
48045C-DUP (2374722)	<1	3.62	<5	<20	2.1	<5	0.2	3.40	<0.2	1.7	94.4	0.269	0.8	7
48046 (2374723)	<1	3.55	<5	<20	2.6	<5	0.2	3.64	<0.2	1.6	89.0	0.238	0.8	15
48047 (2374724)	<1	3.54	<5	<20	1.9	<5	0.1	3.67	<0.2	1.7	89.2	0.244	0.7	15
48048 (2374725)	<1	2.76	<5	<20	2.1	<5	0.3	4.52	<0.2	2.0	86.4	0.201	0.5	15
48049 (2374726)	<1	2.76	<5	<20	0.7	<5	<0.1	3.19	<0.2	1.4	90.3	0.214	0.5	<5
48050 (2374727)	<1	3.57	<5	<20	3.7	<5	0.3	4.29	<0.2	2.1	92.3	0.247	0.5	9

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736564

PROJECT: 2021 Surimeau DDH Batch 51

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
48001 (2374678)	4.89	2.81	2.23	8.03	31.3	5.85	3	3	0.94	0.6	2.62	37.2	120	0.41
48002 (2374679)	3.37	2.15	0.80	2.01	10.3	3.62	1	5	0.64	<0.2	2.84	19.5	22	0.31
48003 (2374680)	3.12	1.70	1.66	8.64	33.8	3.50	1	3	0.62	1.9	0.17	27.5	<10	0.32
48004 (2374681)	3.78	2.40	2.20	9.60	28.9	4.74	1	4	0.78	1.5	0.13	36.5	<10	0.42
48005 (2374682)	3.18	1.85	1.92	6.42	24.0	4.13	4	5	0.63	1.0	0.14	35.1	13	0.27
48006 (2374683)	2.80	1.62	1.21	3.76	30.7	4.31	5	4	0.57	0.2	0.14	42.5	17	0.22
48007 (2374684)	3.36	2.19	1.82	20.0	27.3	4.08	3	3	0.72	6.7	0.07	20.1	<10	0.33
48008 (2374685)	3.09	1.95	1.07	9.74	19.3	3.04	4	1	0.64	0.3	0.17	6.8	17	0.27
48009 (2374686)	2.29	1.44	0.66	12.5	18.6	1.64	10	<1	0.51	0.2	0.35	2.5	38	0.24
48010 (2374687)	2.17	1.50	0.76	10.4	18.7	1.60	15	<1	0.47	<0.2	0.31	2.5	37	0.21
48011 (2374688)	3.87	2.55	1.22	19.8	18.3	3.35	4	3	0.82	1.8	0.09	12.9	<10	0.41
48012C-DUP (2374689)	3.78	2.50	1.30	19.9	19.1	3.76	4	3	0.86	2.0	0.10	12.8	<10	0.40
48013 (2374690)	2.92	2.03	0.57	11.5	17.7	2.16	6	1	0.60	<0.2	1.01	2.2	56	0.30
48014 (2374691)	2.77	1.89	0.59	11.8	21.6	2.37	4	<1	0.62	0.4	0.28	2.2	22	0.32
48015 (2374692)	2.91	1.87	0.59	11.4	19.5	2.27	5	<1	0.60	0.3	0.29	2.4	23	0.26
48016 (2374693)	2.64	1.55	0.49	10.6	18.6	2.10	3	<1	0.59	<0.2	0.45	1.5	36	0.28
48017 (2374694)	2.21	1.58	0.41	8.82	14.2	1.83	2	<1	0.45	<0.2	0.15	1.3	12	0.22
48018 (2374695)	2.39	1.75	0.51	10.8	15.9	1.82	1	<1	0.55	<0.2	0.24	1.3	14	0.29
48019 (2374696)	1.29	0.88	0.16	7.32	7.27	0.76	1	<1	0.28	<0.2	<0.05	0.5	<10	0.13
48020 (2374697)	1.49	1.09	0.33	7.72	9.64	1.30	2	<1	0.30	<0.2	<0.05	0.8	<10	0.15
48021 (2374698)	1.80	1.00	0.38	8.05	9.97	1.71	2	<1	0.38	<0.2	0.08	4.9	<10	0.13
48022 (2374699)	2.29	1.25	0.64	1.55	7.57	2.97	1	4	0.45	<0.2	2.25	23.7	27	0.18
48023 (2374700)	1.31	0.72	0.21	7.81	9.07	0.93	2	<1	0.26	<0.2	<0.05	0.6	<10	0.10
48024 (2374701)	1.36	1.02	0.13	8.14	9.26	1.08	1	<1	0.31	<0.2	<0.05	0.5	<10	0.12
48025 (2374702)	1.10	0.62	0.17	7.38	7.48	0.85	2	<1	0.24	<0.2	<0.05	0.5	<10	0.08
48026 (2374703)	1.12	0.71	0.25	7.68	7.21	0.80	2	<1	0.27	<0.2	<0.05	0.5	<10	0.10
48027 (2374704)	1.19	0.73	0.27	7.68	7.69	0.86	2	<1	0.28	<0.2	<0.05	0.5	<10	0.10
48028 (2374705)	1.39	0.82	0.20	7.68	8.18	1.09	2	<1	0.30	<0.2	<0.05	0.4	<10	0.12
48029 (2374706)	1.16	0.68	0.23	6.96	6.87	0.94	1	<1	0.25	<0.2	<0.05	0.5	<10	0.11
48030 (2374707)	1.43	0.90	0.22	8.51	7.92	1.09	2	<1	0.32	<0.2	<0.05	0.5	<10	0.17
48031 (2374708)	1.00	0.71	0.21	7.69	6.94	0.91	2	<1	0.24	<0.2	<0.05	0.5	<10	0.12
48032 (2374709)	1.47	0.83	0.16	7.75	7.66	0.95	2	<1	0.26	<0.2	<0.05	0.6	<10	0.09

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736564

PROJECT: 2021 Surimeau DDH Batch 51

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
48033 (2374710)	1.26	0.82	0.19	7.55	7.77	0.86	2	<1	0.23	<0.2	<0.05	0.5	<10	0.09
48034 (2374711)	1.24	0.74	0.19	7.51	7.22	0.98	2	<1	0.27	<0.2	<0.05	0.5	<10	0.10
48035 (2374712)	1.31	0.84	0.22	7.70	7.10	0.87	2	<1	0.28	<0.2	<0.05	0.4	<10	0.13
48036 (2374713)	1.24	0.83	0.21	7.41	7.12	0.92	1	<1	0.30	<0.2	<0.05	0.4	<10	0.12
48037 (2374714)	1.41	0.90	0.20	8.19	7.35	1.16	2	<1	0.31	<0.2	<0.05	0.5	<10	0.16
48038 (2374715)	1.12	0.77	0.24	7.36	7.00	0.85	2	<1	0.26	<0.2	<0.05	0.4	<10	0.11
48039 (2374716)	1.40	0.71	0.29	7.70	8.06	1.02	2	<1	0.25	<0.2	<0.05	0.5	<10	0.13
48040 (2374717)	1.30	0.95	0.26	7.79	7.48	1.12	2	<1	0.29	<0.2	<0.05	0.7	<10	0.16
48041 (2374718)	1.38	0.82	0.18	8.30	8.72	1.00	2	<1	0.30	<0.2	<0.05	0.6	<10	0.11
48042 (2374719)	1.25	0.82	0.18	7.90	8.96	1.06	1	<1	0.26	<0.2	<0.05	0.5	<10	0.12
48043 (2374720)	1.33	0.76	0.20	7.51	7.64	0.84	1	<1	0.30	<0.2	<0.05	0.5	<10	0.12
48044 (2374721)	1.33	0.83	0.17	7.86	8.10	0.94	2	<1	0.27	<0.2	<0.05	0.7	<10	0.14
48045C-DUP (2374722)	1.27	0.71	0.19	7.87	8.26	0.96	2	<1	0.25	<0.2	<0.05	0.6	<10	0.11
48046 (2374723)	1.37	0.81	0.17	7.67	7.61	0.97	2	<1	0.30	<0.2	<0.05	0.6	<10	0.11
48047 (2374724)	1.29	0.78	0.17	8.10	8.09	1.04	2	<1	0.27	<0.2	<0.05	0.7	<10	0.10
48048 (2374725)	1.28	0.79	0.29	7.18	6.35	0.96	2	<1	0.32	<0.2	<0.05	0.7	<10	0.11
48049 (2374726)	0.72	0.63	0.46	6.78	6.34	0.65	2	<1	0.21	<0.2	<0.05	0.5	<10	0.11
48050 (2374727)	1.02	0.93	0.20	8.20	6.83	0.81	3	<1	0.23	<0.2	<0.05	0.8	<10	0.12

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736564

PROJECT: 2021 Surimeau DDH Batch 51

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
48001 (2374678)	5.28	1310	51	5	36.1	277	0.13	15	9.47	151	2.34	<0.1	30	26.4
48002 (2374679)	4.65	867	<2	6	20.3	15	0.06	10	5.34	62.3	0.29	0.1	7	25.2
48003 (2374680)	0.92	809	67	11	23.8	330	0.04	16	6.20	1.4	4.54	0.2	19	30.1
48004 (2374681)	1.03	949	52	13	31.9	320	0.14	15	8.53	0.8	5.19	<0.1	20	27.8
48005 (2374682)	0.92	658	24	10	30.8	218	0.05	26	7.94	0.9	3.19	<0.1	19	30.2
48006 (2374683)	1.13	1060	48	9	32.9	103	0.09	20	8.73	1.3	1.04	0.1	17	29.8
48007 (2374684)	0.54	1630	66	6	20.8	1990	0.04	19	5.02	0.5	12.9	0.2	15	18.6
48008 (2374685)	2.52	4460	9	4	8.6	1060	0.03	18	1.99	4.5	4.39	<0.1	46	24.0
48009 (2374686)	6.00	7210	30	2	3.3	2160	<0.01	10	0.76	5.1	3.32	0.1	45	27.9
48010 (2374687)	5.22	7550	10	<1	3.6	1660	<0.01	15	0.78	8.6	3.65	<0.1	39	24.8
48011 (2374688)	1.65	3340	33	4	16.2	1980	0.02	22	3.81	1.4	11.6	<0.1	18	21.5
48012C-DUP (2374689)	1.71	3400	33	4	14.9	2030	0.01	23	3.85	1.1	12.0	<0.1	18	22.0
48013 (2374690)	5.06	5610	7	1	3.8	2970	0.01	19	0.79	47.8	3.81	<0.1	45	25.7
48014 (2374691)	5.29	6130	46	2	3.9	2290	0.06	8	0.82	2.6	1.09	<0.1	43	25.8
48015 (2374692)	5.14	6250	16	2	4.0	2360	0.03	13	0.85	3.0	1.09	<0.1	43	25.3
48016 (2374693)	5.49	5410	13	1	3.1	2180	0.02	7	0.57	10.5	0.76	<0.1	44	26.5
48017 (2374694)	4.18	3820	<2	<1	3.0	1790	0.02	<5	0.53	2.3	0.24	<0.1	39	30.2
48018 (2374695)	5.14	4020	<2	<1	3.1	1640	<0.01	5	0.54	4.6	0.21	<0.1	41	25.1
48019 (2374696)	14.5	1430	<2	<1	1.4	1360	0.01	<5	0.27	0.5	0.40	<0.1	23	22.9
48020 (2374697)	14.4	1460	<2	<1	2.1	1360	0.01	<5	0.35	1.0	0.35	<0.1	26	22.5
48021 (2374698)	15.8	1510	<2	1	6.4	1190	0.04	<5	1.50	2.9	0.26	<0.1	27	21.8
48022 (2374699)	4.75	593	<2	5	20.7	16	0.04	6	5.65	50.1	0.23	<0.1	5	28.9
48023 (2374700)	16.5	1430	<2	<1	1.4	1420	<0.01	<5	0.27	1.0	0.15	<0.1	23	22.5
48024 (2374701)	16.2	1270	<2	<1	1.6	1210	0.03	<5	0.27	0.9	0.26	<0.1	27	23.0
48025 (2374702)	16.9	1330	<2	<1	1.4	1440	<0.01	<5	0.25	1.1	0.12	<0.1	22	22.8
48026 (2374703)	16.9	1340	<2	<1	1.4	1420	<0.01	<5	0.24	1.0	0.14	<0.1	23	22.9
48027 (2374704)	16.5	1310	<2	<1	1.2	1310	0.01	<5	0.26	0.5	0.19	0.1	25	22.6
48028 (2374705)	15.1	1280	<2	<1	1.5	1200	<0.01	<5	0.25	0.6	0.20	<0.1	25	22.0
48029 (2374706)	15.6	1280	<2	<1	1.3	1300	<0.01	<5	0.30	1.2	0.11	<0.1	22	22.1
48030 (2374707)	15.6	1270	<2	<1	1.8	1170	0.01	<5	0.30	0.6	0.32	<0.1	30	22.1
48031 (2374708)	17.1	1450	<2	<1	1.4	1460	<0.01	<5	0.28	0.8	0.19	<0.1	23	23.0
48032 (2374709)	16.6	1270	<2	<1	1.7	1300	<0.01	<5	0.31	0.6	0.16	<0.1	25	22.3

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736564

PROJECT: 2021 Surimeau DDH Batch 51

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
48033 (2374710)	17.1	1310	<2	<1	1.6	1510	<0.01	<5	0.26	1.1	0.14	0.1	23	22.5
48034 (2374711)	16.9	1230	<2	<1	1.5	1260	<0.01	<5	0.23	0.9	0.12	<0.1	26	22.1
48035 (2374712)	17.1	1310	<2	<1	1.5	1430	0.01	<5	0.18	0.7	0.20	<0.1	26	24.3
48036 (2374713)	16.2	1270	<2	<1	1.3	1310	<0.01	<5	0.29	0.5	0.18	0.1	24	23.7
48037 (2374714)	16.2	1310	<2	<1	1.7	1240	<0.01	<5	0.25	0.8	0.23	<0.1	27	22.9
48038 (2374715)	15.9	1280	<2	<1	1.5	1360	<0.01	<5	0.26	1.1	0.13	<0.1	23	21.9
48039 (2374716)	15.9	1210	<2	<1	1.3	1430	<0.01	<5	0.29	0.9	0.27	<0.1	25	22.1
48040 (2374717)	16.7	1420	<2	<1	2.0	1290	0.01	<5	0.41	1.0	0.24	<0.1	25	22.9
48041 (2374718)	17.0	1360	<2	<1	1.5	1230	0.01	<5	0.27	1.0	0.17	<0.1	31	22.3
48042 (2374719)	16.3	1330	<2	<1	1.6	1150	<0.01	<5	0.28	1.0	0.15	<0.1	29	21.1
48043 (2374720)	16.9	1280	<2	<1	1.3	1290	<0.01	<5	0.31	1.1	0.09	0.1	27	22.3
48044 (2374721)	16.9	1280	<2	<1	1.7	1410	<0.01	<5	0.32	1.0	0.10	<0.1	25	21.6
48045C-DUP (2374722)	17.2	1290	<2	<1	1.7	1400	<0.01	<5	0.27	0.9	0.10	<0.1	25	22.0
48046 (2374723)	16.5	1290	<2	<1	1.4	1310	<0.01	<5	0.32	1.5	0.11	0.1	24	22.2
48047 (2374724)	16.6	1340	<2	<1	1.9	1180	<0.01	<5	0.29	1.1	0.11	<0.1	26	22.2
48048 (2374725)	16.0	1370	<2	<1	1.8	1290	<0.01	<5	0.33	0.6	0.12	0.2	21	21.3
48049 (2374726)	17.3	1150	<2	<1	1.2	1590	<0.01	<5	0.22	0.6	0.07	<0.1	19	23.1
48050 (2374727)	18.8	1490	<2	<1	1.7	1540	0.01	<5	0.29	0.8	0.12	<0.1	25	24.8

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736564

PROJECT: 2021 Surimeau DDH Batch 51

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
48001 (2374678)	6.5	6	301	<0.5	0.82	7.6	0.41	7.5	0.40	2.63	204	<1	23.8	2.7
48002 (2374679)	4.1	<1	207	<0.5	0.53	4.5	0.19	<0.5	0.34	1.29	39	<1	18.7	2.0
48003 (2374680)	4.1	4	399	<0.5	0.51	8.0	0.21	<0.5	0.27	12.2	265	<1	15.4	1.9
48004 (2374681)	5.5	7	472	<0.5	0.69	9.9	0.28	<0.5	0.38	5.27	171	<1	20.1	2.4
48005 (2374682)	5.0	8	637	<0.5	0.59	9.2	0.40	<0.5	0.25	3.48	144	<1	17.2	1.8
48006 (2374683)	5.3	8	358	<0.5	0.54	8.9	0.41	<0.5	0.23	3.16	141	<1	16.4	1.6
48007 (2374684)	4.5	9	253	<0.5	0.58	3.8	0.30	<0.5	0.34	1.47	73	<1	20.7	2.3
48008 (2374685)	2.4	10	224	<0.5	0.47	1.0	0.41	<0.5	0.30	0.77	269	<1	18.6	1.9
48009 (2374686)	1.3	7	153	<0.5	0.34	0.3	0.36	<0.5	0.23	2.65	319	<1	13.1	1.6
48010 (2374687)	1.0	10	128	<0.5	0.35	<0.1	0.32	<0.5	0.20	0.11	231	<1	12.8	1.4
48011 (2374688)	3.5	8	166	<0.5	0.59	2.3	0.27	<0.5	0.41	0.78	87	<1	23.5	2.7
48012C-DUP (2374689)	3.7	7	170	<0.5	0.60	2.3	0.27	<0.5	0.38	0.69	90	<1	23.4	2.7
48013 (2374690)	1.8	5	252	<0.5	0.44	<0.1	0.37	2.2	0.30	0.12	273	<1	15.1	1.9
48014 (2374691)	1.5	7	237	<0.5	0.35	<0.1	0.35	<0.5	0.24	0.40	293	<1	15.7	1.7
48015 (2374692)	2.0	7	248	<0.5	0.43	<0.1	0.36	<0.5	0.26	0.40	291	<1	15.5	1.8
48016 (2374693)	1.2	3	186	<0.5	0.38	<0.1	0.35	<0.5	0.25	0.17	273	<1	15.0	1.7
48017 (2374694)	0.9	<1	105	<0.5	0.30	<0.1	0.31	<0.5	0.25	<0.05	230	<1	12.0	1.5
48018 (2374695)	1.2	<1	186	<0.5	0.32	<0.1	0.34	<0.5	0.26	<0.05	257	<1	14.8	1.8
48019 (2374696)	0.5	<1	78.2	<0.5	0.15	<0.1	0.18	<0.5	0.12	<0.05	136	<1	7.1	0.7
48020 (2374697)	0.6	<1	96.1	<0.5	0.24	<0.1	0.21	<0.5	0.14	0.08	152	<1	8.3	1.1
48021 (2374698)	1.7	<1	112	<0.5	0.29	0.8	0.25	<0.5	0.14	0.20	168	<1	10.0	1.1
48022 (2374699)	3.9	<1	169	<0.5	0.40	6.9	0.17	<0.5	0.21	1.31	27	<1	11.7	1.3
48023 (2374700)	0.7	<1	104	<0.5	0.18	<0.1	0.19	<0.5	0.11	<0.05	143	<1	6.9	0.7
48024 (2374701)	0.7	<1	77.2	<0.5	0.19	<0.1	0.22	<0.5	0.15	<0.05	163	<1	7.5	0.8
48025 (2374702)	0.5	<1	141	<0.5	0.17	<0.1	0.17	<0.5	0.10	<0.05	130	<1	6.2	0.6
48026 (2374703)	0.7	<1	143	<0.5	0.19	<0.1	0.19	<0.5	0.14	<0.05	143	<1	7.0	0.8
48027 (2374704)	0.6	<1	138	<0.5	0.14	<0.1	0.21	<0.5	0.11	<0.05	151	<1	6.4	0.8
48028 (2374705)	0.7	<1	94.6	<0.5	0.19	<0.1	0.20	<0.5	0.11	<0.05	150	<1	8.2	0.8
48029 (2374706)	0.6	<1	103	<0.5	0.15	<0.1	0.16	<0.5	0.10	<0.05	123	<1	6.3	0.7
48030 (2374707)	0.6	<1	83.6	<0.5	0.23	<0.1	0.24	<0.5	0.13	<0.05	183	<1	8.0	1.0
48031 (2374708)	0.6	<1	176	<0.5	0.19	<0.1	0.18	<0.5	0.11	<0.05	139	<1	6.6	0.7
48032 (2374709)	0.7	<1	112	<0.5	0.17	<0.1	0.19	<0.5	0.15	<0.05	148	<1	7.5	0.9

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736564

PROJECT: 2021 Surimeau DDH Batch 51

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
48033 (2374710)	0.6	<1	151	<0.5	0.14	<0.1	0.18	<0.5	0.13	<0.05	141	<1	6.4	0.8
48034 (2374711)	0.6	<1	126	<0.5	0.15	<0.1	0.20	<0.5	0.12	<0.05	154	<1	7.5	0.8
48035 (2374712)	0.4	<1	95.3	<0.5	0.18	<0.1	0.20	<0.5	0.12	<0.05	152	<1	7.1	0.8
48036 (2374713)	0.5	<1	95.6	<0.5	0.18	<0.1	0.18	<0.5	0.10	<0.05	140	<1	7.0	0.8
48037 (2374714)	0.6	<1	77.9	<0.5	0.20	<0.1	0.21	<0.5	0.13	<0.05	167	<1	7.4	0.8
48038 (2374715)	0.6	<1	109	<0.5	0.13	<0.1	0.18	<0.5	0.10	<0.05	139	<1	6.3	0.8
48039 (2374716)	0.6	<1	94.1	<0.5	0.18	<0.1	0.20	<0.5	0.12	<0.05	158	<1	7.0	0.8
48040 (2374717)	1.0	3	163	<0.5	0.18	<0.1	0.21	<0.5	0.13	<0.05	150	<1	7.5	0.8
48041 (2374718)	0.7	<1	96.3	<0.5	0.18	<0.1	0.25	<0.5	0.15	<0.05	186	<1	7.4	0.9
48042 (2374719)	0.6	<1	105	<0.5	0.18	<0.1	0.24	<0.5	0.12	<0.05	178	<1	7.4	0.8
48043 (2374720)	0.7	<1	70.7	<0.5	0.18	<0.1	0.19	<0.5	0.11	<0.05	154	<1	7.6	0.8
48044 (2374721)	0.6	<1	99.4	<0.5	0.18	<0.1	0.21	<0.5	0.13	<0.05	156	<1	7.1	0.8
48045C-DUP (2374722)	0.6	<1	98.5	<0.5	0.18	<0.1	0.21	<0.5	0.11	<0.05	157	<1	7.1	0.8
48046 (2374723)	0.5	<1	95.7	<0.5	0.19	<0.1	0.20	<0.5	0.13	<0.05	150	<1	6.9	0.8
48047 (2374724)	0.7	<1	77.7	<0.5	0.21	<0.1	0.21	<0.5	0.13	<0.05	154	<1	7.0	0.8
48048 (2374725)	0.7	<1	133	<0.5	0.23	<0.1	0.17	<0.5	0.12	<0.05	119	<1	8.0	0.9
48049 (2374726)	0.5	<1	81.4	<0.5	0.14	<0.1	0.15	<0.5	0.08	<0.05	121	<1	5.1	0.6
48050 (2374727)	0.6	<1	112	<0.5	0.17	<0.1	0.20	<0.5	0.11	<0.05	151	<1	6.4	0.7

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736564

PROJECT: 2021 Surimeau DDH Batch 51

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
48001 (2374678)	2690	122
48002 (2374679)	29	180
48003 (2374680)	5970	108
48004 (2374681)	5700	136
48005 (2374682)	4000	166
48006 (2374683)	268	149
48007 (2374684)	20500	125
48008 (2374685)	488	42.3
48009 (2374686)	542	25.9
48010 (2374687)	328	26.4
48011 (2374688)	11000	103
48012C-DUP (2374689)	11300	103
48013 (2374690)	425	30.7
48014 (2374691)	633	27.7
48015 (2374692)	562	25.5
48016 (2374693)	330	27.1
48017 (2374694)	102	23.7
48018 (2374695)	127	26.7
48019 (2374696)	65	17.2
48020 (2374697)	69	18.2
48021 (2374698)	91	28.0
48022 (2374699)	48	159
48023 (2374700)	75	13.6
48024 (2374701)	69	18.9
48025 (2374702)	69	10.7
48026 (2374703)	66	12.0
48027 (2374704)	68	16.5
48028 (2374705)	68	15.6
48029 (2374706)	69	13.6
48030 (2374707)	68	19.6
48031 (2374708)	70	14.3
48032 (2374709)	67	14.1

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736564

PROJECT: 2021 Surimeau DDH Batch 51

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
48033 (2374710)	60	18.6
48034 (2374711)	69	17.1
48035 (2374712)	67	16.2
48036 (2374713)	68	15.0
48037 (2374714)	75	13.7
48038 (2374715)	64	14.7
48039 (2374716)	64	17.7
48040 (2374717)	66	12.5
48041 (2374718)	77	18.6
48042 (2374719)	62	15.1
48043 (2374720)	70	14.3
48044 (2374721)	71	17.3
48045C-DUP (2374722)	65	16.5
48046 (2374723)	72	15.0
48047 (2374724)	62	14.3
48048 (2374725)	67	15.0
48049 (2374726)	58	12.9
48050 (2374727)	67	13.4

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736564

PROJECT: 2021 Surimeau DDH Batch 51

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
48001 (2374678)	80.41
48020 (2374697)	75.74
48040 (2374717)	75.61

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736564

PROJECT: 2021 Surimeau DDH Batch 51

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
48001 (2374678)	88.21
48021 (2374698)	87.70
48041 (2374718)	87.10

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2374678	< 1	< 1	0.0%	2374692	< 1	< 1	0.0%	2374703	< 1	< 1	0.0%	2374718	< 1	< 1	0.0%
Al	2374678	7.27	7.23	0.6%	2374692	6.70	6.68	0.3%	2374703	3.42	3.35	2.1%	2374718	4.28	4.08	4.8%
As	2374678	< 5	< 5	0.0%	2374692	< 5	< 5	0.0%	2374703	< 5	< 5	0.0%	2374718	< 5	< 5	0.0%
B	2374678	< 20	< 20	0.0%	2374692	< 20	< 20	0.0%	2374703	< 20	< 20	0.0%	2374718	< 20	< 20	0.0%
Ba	2374678	1620	1700	4.8%	2374692	153	150	2.0%	2374703	1.0	2.0		2374718	1.87	1.40	28.7%
Be	2374678	< 5	< 5	0.0%	2374692	10	10	0.0%	2374703	< 5	< 5	0.0%	2374718	< 5	< 5	0.0%
Bi	2374678	0.50	0.43	15.1%	2374692	1.5	1.5	0.0%	2374703	0.4	0.4	0.0%	2374718	0.15	0.15	0.0%
Ca	2374678	3.53	3.51	0.6%	2374692	7.63	7.62	0.1%	2374703	4.93	4.89	0.8%	2374718	3.70	3.60	2.7%
Cd	2374678	4.68	4.49	4.1%	2374692	0.3	0.3	0.0%	2374703	< 0.2	< 0.2	0.0%	2374718	< 0.2	< 0.2	0.0%
Ce	2374678	77.6	75.7	2.5%	2374692	5.24	5.35	2.1%	2374703	1.4	1.46	4.2%	2374718	1.7	1.7	0.0%
Co	2374678	67.1	63.0	6.3%	2374692	147	150	2.0%	2374703	91.4	88.2	3.6%	2374718	90.5	89.0	1.7%
Cr	2374678	550	539	2.0%	2374692	0.448	0.448	0.0%	2374703	0.243	0.238	2.1%	2374718	0.286	0.284	0.7%
Cs	2374678	7.56	7.49	0.9%	2374692	0.17	0.13	26.7%	2374703	0.5	0.5	0.0%	2374718	0.5	0.5	0.0%
Cu	2374678	1000	983	1.7%	2374692	212	207	2.4%	2374703	11	9	20.0%	2374718	66	60	9.5%
Dy	2374678	4.89	4.86	0.6%	2374692	2.91	2.79	4.2%	2374703	1.12	1.14	1.8%	2374718	1.38	1.13	19.9%
Er	2374678	2.81	2.58	8.5%	2374692	1.87	1.75	6.6%	2374703	0.71	0.772	8.4%	2374718	0.823	0.910	10.0%
Eu	2374678	2.23	2.15	3.7%	2374692	0.59	0.58	1.7%	2374703	0.25	0.30	18.2%	2374718	0.185	0.192	3.7%
Fe	2374678	8.03	8.02	0.1%	2374692	11.4	11.4	0.0%	2374703	7.68	7.57	1.4%	2374718	8.30	8.10	2.4%
Ga	2374678	31.3	30.8	1.6%	2374692	19.5	20.6	5.5%	2374703	7.21	7.24	0.4%	2374718	8.72	8.26	5.4%
Gd	2374678	5.85	5.99	2.4%	2374692	2.27	2.45	7.6%	2374703	0.80	0.965	18.7%	2374718	0.997	0.970	2.7%
Ge	2374678	3	2		2374692	5	5	0.0%	2374703	2	1	66.7%	2374718	2	1	
Hf	2374678	3	3	0.0%	2374692	< 1	< 1	0.0%	2374703	< 1	< 1	0.0%	2374718	< 1	< 1	0.0%
Ho	2374678	0.94	0.95	1.1%	2374692	0.604	0.665	9.6%	2374703	0.27	0.26	3.8%	2374718	0.302	0.293	3.0%
In	2374678	0.6	0.5	18.2%	2374692	0.3	0.3	0.0%	2374703	< 0.2	< 0.2	0.0%	2374718	< 0.2	< 0.2	0.0%
K	2374678	2.62	2.67	1.9%	2374692	0.288	0.297	3.1%	2374703	< 0.05	< 0.05	0.0%	2374718	< 0.05	< 0.05	0.0%
La	2374678	37.2	36.0	3.3%	2374692	2.41	2.58	6.8%	2374703	0.5	0.44	12.8%	2374718	0.59	0.53	10.7%
Li	2374678	120	122	1.7%	2374692	23	22	4.4%	2374703	< 10	< 10	0.0%	2374718	< 10	< 10	0.0%
Lu	2374678	0.41	0.41	0.0%	2374692	0.262	0.244	7.1%	2374703	0.10	0.126	23.0%	2374718	0.11	0.12	8.7%
Mg	2374678	5.28	5.37	1.7%	2374692	5.14	5.13	0.2%	2374703	16.9	16.8	0.6%	2374718	17.0	16.9	0.6%
Mn	2374678	1310	1280	2.3%	2374692	6250	6220	0.5%	2374703	1340	1320	1.5%	2374718	1360	1330	2.2%
Mo	2374678	51	46	10.3%	2374692	16	14	13.3%	2374703	< 2	< 2	0.0%	2374718	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2374678	5	5	0.0%	2374692	2	2	0.0%	2374703	< 1	< 1	0.0%	2374718	< 1	< 1	0.0%
Nd	2374678	36.1	36.6	1.4%	2374692	3.99	4.06	1.7%	2374703	1.4	1.3	7.4%	2374718	1.5	1.5	0.0%
Ni	2374678	277	271	2.2%	2374692	2360	2310	2.1%	2374703	1420	1400	1.4%	2374718	1230	1200	2.5%
P	2374678	0.126	0.120	4.9%	2374692	0.033	0.040	19.2%	2374703	< 0.01	< 0.01	0.0%	2374718	0.01	0.01	0.0%
Pb	2374678	15	15	0.0%	2374692	13	11	16.7%	2374703	< 5	< 5	0.0%	2374718	< 5	< 5	0.0%
Pr	2374678	9.47	9.09	4.1%	2374692	0.85	0.82	3.6%	2374703	0.24	0.24	0.0%	2374718	0.27	0.26	3.8%
Rb	2374678	151	144	4.7%	2374692	3.05	3.29	7.6%	2374703	1.0	0.81	21.0%	2374718	1.0	1.0	0.0%
S	2374678	2.34	2.38	1.7%	2374692	1.09	1.07	1.9%	2374703	0.14	0.14	0.0%	2374718	0.166	0.147	12.1%
Sb	2374678	< 0.1	< 0.1	0.0%	2374692	< 0.1	< 0.1	0.0%	2374703	< 0.1	< 0.1	0.0%	2374718	< 0.1	< 0.1	0.0%
Sc	2374678	30	30	0.0%	2374692	43	42	2.4%	2374703	23	23	0.0%	2374718	31	30	3.3%
Si	2374678	26.4	26.1	1.1%	2374692	25.3	25.5	0.8%	2374703	22.9	22.5	1.8%	2374718	22.3	21.8	2.3%
Sm	2374678	6.51	6.78	4.1%	2374692	2.0	1.3		2374703	0.7	0.76	8.2%	2374718	0.7	0.7	0.0%
Sn	2374678	6	6	0.0%	2374692	7	6	15.4%	2374703	< 1	< 1	0.0%	2374718	< 1	< 1	0.0%
Sr	2374678	301	299	0.7%	2374692	248	246	0.8%	2374703	143	143	0.0%	2374718	96.3	94.1	2.3%
Ta	2374678	< 0.5	< 0.5	0.0%	2374692	< 0.5	< 0.5	0.0%	2374703	< 0.5	< 0.5	0.0%	2374718	< 0.5	< 0.5	0.0%
Tb	2374678	0.817	0.743	9.5%	2374692	0.425	0.392	8.1%	2374703	0.19	0.17	11.1%	2374718	0.18	0.18	0.0%
Th	2374678	7.55	7.14	5.6%	2374692	< 0.1	< 0.1	0.0%	2374703	< 0.1	< 0.1	0.0%	2374718	< 0.1	< 0.1	0.0%
Ti	2374678	0.41	0.41	0.0%	2374692	0.36	0.36	0.0%	2374703	0.19	0.19	0.0%	2374718	0.25	0.25	0.0%
Tl	2374678	7.5	7.3	2.7%	2374692	< 0.5	< 0.5	0.0%	2374703	< 0.5	< 0.5	0.0%	2374718	< 0.5	< 0.5	0.0%
Tm	2374678	0.400	0.407	1.7%	2374692	0.26	0.26	0.0%	2374703	0.14	0.10		2374718	0.15	0.13	14.3%
U	2374678	2.63	2.35	11.2%	2374692	0.398	0.381	4.4%	2374703	< 0.05	< 0.05	0.0%	2374718	< 0.05	< 0.05	0.0%
V	2374678	204	209	2.4%	2374692	291	285	2.1%	2374703	143	142	0.7%	2374718	186	186	0.0%
W	2374678	< 1	< 1	0.0%	2374692	< 1	< 1	0.0%	2374703	< 1	< 1	0.0%	2374718	< 1	< 1	0.0%
Y	2374678	23.8	23.9	0.4%	2374692	15.5	16.2	4.4%	2374703	7.0	6.25	11.3%	2374718	7.4	7.5	1.3%
Yb	2374678	2.7	2.7	0.0%	2374692	1.8	1.8	0.0%	2374703	0.8	0.70	13.3%	2374718	0.87	0.80	8.4%
Zn	2374678	2690	2650	1.5%	2374692	562	555	1.3%	2374703	66	66	0.0%	2374718	77	70	9.5%
Zr	2374678	122	120	1.7%	2374692	25.5	27.1	6.1%	2374703	12.0	11.6	3.4%	2374718	18.6	22.8	20.3%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O736564

PROJECT: 2021 Surimeau DDH Batch 51

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.55	101%	90% - 110%					6.94	7.28	105%	90% - 110%	13.0	13.6	105%	90% - 110%
As	26	26	101%	90% - 110%												
Ba	540	554	103%	90% - 110%	1310	1422	109%	90% - 110%					1310	1422	109%	90% - 110%
Be	4.0	4	100%	90% - 110%												
Ca	0.907	0.927	102%	90% - 110%					4.01	4.15	104%	90% - 110%	1.42	1.47	103%	90% - 110%
Ce	98	112	115%	90% - 110%	58.2	64.4	111%	90% - 110%								
Co	15	14	96%	90% - 110%												
Cu	150	165	110%	90% - 110%												
Er	3.7	3.9	105%	90% - 110%												
Fe	3.77	3.97	105%	90% - 110%					7.56	8.07	107%	90% - 110%	3.27	3.49	107%	90% - 110%
Ga					22.6	24	106%	90% - 110%								
Hf	11	10	93%	90% - 110%												
K	2.55	2.75	108%	90% - 110%					2.02	2.25	111%	90% - 110%	3.68	4.21	114%	90% - 110%
La	44	49	112%	90% - 110%	27.5	29.8	108%	90% - 110%								
Li	47	52	110%	90% - 110%	65.0	75.8	117%	90% - 110%					65.0	75.8	117%	90% - 110%
Lu	0.6	0.5	88%	90% - 110%												
Mg	1.1	1.1	101%	90% - 110%					2.41	2.5	104%	90% - 110%				
Mn	780	803	103%	90% - 110%												
Mo	14	15	105%	90% - 110%												
Nb	20	19	95%	90% - 110%	22.6	22.1	98%	90% - 110%								
Nd					27.3	28.6	105%	90% - 110%								
Ni	32	37	115%	90% - 110%												
P					0.061	0.067	109%	90% - 110%					0.061	0.067	109%	90% - 110%
Pb	31	33	106%	90% - 110%												
Rb	144	146	101%	90% - 110%	85.4	88.3	103%	90% - 110%								
Sb	0.8	0.6	79%	90% - 110%												
Sc	12	13	110%	90% - 110%												
Si	28.4	31.3	110%	90% - 110%					23.65	26.47	112%	90% - 110%	24.4	27.5	113%	90% - 110%
Sm	7.4	8.5	115%	90% - 110%												
Sr	144	164	114%	90% - 110%	310	353	114%	90% - 110%					310	353	114%	90% - 110%
Ta	1.9	1.6	86%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Tb	1.2	1.2	98%	90% - 110%												
Th	18.4	20.6	112%	90% - 110%												
Ti	0.527	0.547	104%	90% - 110%	0.222	0.232	104%	90% - 110%					0.222	0.232	104%	90% - 110%
U	5.7	5.8	101%	90% - 110%												
V	77	83	107%	90% - 110%												
W	5	6	112%	90% - 110%												
Y	40	35	87%	90% - 110%	25.3	24.8	98%	90% - 110%								
Yb					2.66	2.91	110%	90% - 110%								
Zn	130	131	101%	90% - 110%	75.4	93.7	124%	90% - 110%					75.4	93.7	124%	90% - 110%
Zr	390	359	92%	90% - 110%	157	148	94%	90% - 110%								

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O736564

PROJECT: 2021 Surimeau DDH Batch 51

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O736564

PROJECT: 2021 Surimeau DDH Batch 51

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O736564

PROJECT: 2021 Surimeau DDH Batch 51

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 52

AGAT WORK ORDER: 21O736565

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Sep 27, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736565

PROJECT: 2021 Surimeau DDH Batch 52

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
48101 (2374732)	3.25
48102 (2374733)	0.76
48103 (2374734)	5.33
48104 (2374735)	4.71
48105 (2374736)	0.06
48106 (2374737)	5.17
48107 (2374738)	4.88
48108 (2374739)	5.05
48109 (2374740)	5.07
48110 (2374741)	4.89
48111 (2374742)	4.65
48112C-DUP (2374743)	-
48113 (2374744)	4.69
48114 (2374745)	2.70
48115 (2374746)	2.39
48116 (2374747)	3.71
48117 (2374748)	3.22
48118 (2374749)	2.38
48119 (2374750)	4.70
48120 (2374751)	5.17
48121 (2374752)	4.07
48122 (2374753)	0.68
48123 (2374754)	2.69
48124 (2374755)	4.00
48125 (2374756)	3.23
48126 (2374757)	4.07
48127 (2374758)	3.25
48128 (2374759)	3.81
48129 (2374760)	2.54
48130 (2374761)	5.06
48131 (2374762)	4.87

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736565

PROJECT: 2021 Surimeau DDH Batch 52

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
48132 (2374763)	4.75
48133 (2374764)	3.27
48134 (2374765)	3.09
48135 (2374766)	2.93
48136 (2374767)	3.71
48137 (2374768)	4.92
48138 (2374769)	3.17
48139 (2374770)	5.26
48140 (2374771)	4.51
48141 (2374772)	2.54
48142 (2374773)	2.32
48143 (2374774)	4.53
48144 (2374775)	5.05
48145C-DUP (2374776)	-
48146 (2374777)	5.52
48147 (2374778)	5.43
48148 (2374779)	4.24
48149 (2374780)	4.77
48150 (2374781)	4.53

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736565

PROJECT: 2021 Surimeau DDH Batch 52

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
48101 (2374732)	<1	3.02	<5	<20	3.2	<5	<0.1	4.88	0.2	1.4	87.9	0.192	0.4	96
48102 (2374733)	<1	3.55	<5	42	373	<5	<0.1	8.88	<0.2	39.7	6.7	0.008	0.8	16
48103 (2374734)	<1	3.77	<5	<20	2.4	<5	<0.1	4.31	<0.2	1.4	88.3	0.225	0.4	114
48104 (2374735)	<1	3.01	<5	<20	1.0	<5	<0.1	4.42	<0.2	1.1	91.8	0.212	0.5	77
48105 (2374736)	3	1.06	24	121	58.7	<5	0.1	2.45	1.0	11.0	1140	0.021	0.6	14700
48106 (2374737)	<1	2.97	<5	<20	1.3	<5	<0.1	4.41	<0.2	1.1	85.8	0.199	0.4	69
48107 (2374738)	<1	3.67	<5	<20	2.2	<5	<0.1	4.22	<0.2	1.2	86.3	0.223	0.4	122
48108 (2374739)	<1	2.71	<5	<20	4.0	<5	<0.1	4.17	<0.2	1.6	84.8	0.194	0.4	41
48109 (2374740)	<1	2.86	<5	<20	1.0	<5	<0.1	4.50	<0.2	1.2	84.3	0.199	0.5	63
48110 (2374741)	<1	3.30	<5	<20	1.7	<5	<0.1	4.67	<0.2	1.6	88.4	0.216	0.3	125
48111 (2374742)	<1	3.82	<5	<20	2.5	<5	<0.1	3.76	<0.2	1.4	91.9	0.231	0.5	70
48112C-DUP (2374743)	<1	3.80	<5	<20	2.6	<5	<0.1	3.74	<0.2	1.4	89.6	0.230	0.6	68
48113 (2374744)	<1	3.19	<5	<20	2.8	<5	<0.1	4.49	<0.2	1.7	92.1	0.203	0.5	86
48114 (2374745)	<1	3.45	<5	<20	1.7	<5	<0.1	5.05	<0.2	2.1	87.0	0.198	0.3	103
48115 (2374746)	<1	3.43	<5	<20	2.1	<5	<0.1	5.01	<0.2	2.3	82.0	0.200	0.3	88
48116 (2374747)	<1	2.91	<5	<20	1.5	<5	<0.1	6.00	<0.2	2.0	77.4	0.178	0.2	66
48117 (2374748)	<1	3.83	<5	<20	14.8	<5	<0.1	5.88	<0.2	2.4	83.9	0.217	0.8	48
48118 (2374749)	2	4.50	<5	<20	137	<5	<0.1	4.62	<0.2	1.3	82.4	0.242	5.9	65
48119 (2374750)	<1	4.71	<5	<20	842	<5	<0.1	4.20	<0.2	1.7	72.7	0.172	39.0	<5
48120 (2374751)	<1	3.40	<5	<20	520	<5	<0.1	6.11	0.2	2.7	60.3	0.128	20.6	<5
48121 (2374752)	<1	4.70	<5	<20	476	<5	<0.1	7.93	<0.2	20.8	58.6	0.109	10.2	8
48122 (2374753)	<1	3.48	<5	324	319	<5	<0.1	9.37	<0.2	42.8	6.0	0.019	0.6	11
48123 (2374754)	<1	4.00	<5	<20	327	<5	<0.1	6.63	0.2	5.3	76.0	0.179	16.6	33
48124 (2374755)	<1	6.95	<5	<20	1550	<5	<0.1	1.38	<0.2	35.8	73.8	0.114	56.2	43
48125 (2374756)	<1	3.03	<5	<20	573	<5	<0.1	5.46	<0.2	3.2	75.1	0.187	23.7	29
48126 (2374757)	<1	3.65	<5	<20	687	<5	<0.1	4.68	<0.2	4.8	82.8	0.181	31.4	52
48127 (2374758)	<1	4.02	<5	<20	643	<5	<0.1	4.01	<0.2	4.7	77.6	0.197	31.9	56
48128 (2374759)	<1	3.15	<5	<20	20.6	<5	<0.1	5.34	<0.2	2.2	80.7	0.194	1.6	71
48129 (2374760)	<1	3.18	<5	<20	5.3	<5	<0.1	5.22	<0.2	2.3	87.3	0.210	0.5	62
48130 (2374761)	<1	3.26	<5	<20	0.9	<5	<0.1	5.12	<0.2	2.0	85.5	0.203	0.4	69
48131 (2374762)	<1	3.96	<5	<20	3.1	<5	<0.1	4.40	<0.2	8.9	90.1	0.215	0.6	70
48132 (2374763)	<1	3.59	<5	<20	4.3	<5	<0.1	4.62	<0.2	3.5	85.7	0.223	0.7	76

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736565

PROJECT: 2021 Surimeau DDH Batch 52

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
48133 (2374764)	<1	2.60	<5	<20	3.0	<5	<0.1	5.10	<0.2	2.1	85.9	0.184	0.7	67
48134 (2374765)	<1	3.28	<5	<20	140	<5	<0.1	4.79	<0.2	2.2	71.3	0.184	6.7	58
48135 (2374766)	1	4.39	<5	<20	981	<5	<0.1	4.18	<0.2	2.1	72.8	0.172	31.3	<5
48136 (2374767)	<1	5.25	<5	<20	901	<5	<0.1	4.79	<0.2	46.1	64.8	0.141	27.3	<5
48137 (2374768)	3	4.27	<5	<20	756	<5	<0.1	3.91	<0.2	1.6	73.6	0.178	32.6	24
48138 (2374769)	1	3.23	<5	<20	9.4	<5	<0.1	4.79	<0.2	1.1	84.8	0.214	0.8	103
48139 (2374770)	<1	3.34	<5	<20	8.6	<5	<0.1	4.64	<0.2	1.5	85.0	0.207	0.8	77
48140 (2374771)	2	3.00	<5	<20	2.1	<5	<0.1	4.88	<0.2	1.6	87.5	0.210	0.5	80
48141 (2374772)	3	2.89	<5	<20	1.1	<5	<0.1	3.76	<0.2	1.3	90.0	0.199	0.5	27
48142 (2374773)	1	2.68	<5	<20	1.1	<5	<0.1	4.10	<0.2	1.3	88.7	0.193	0.5	23
48143 (2374774)	<1	2.47	<5	<20	1.1	<5	<0.1	3.80	<0.2	1.7	76.9	0.179	0.4	16
48144 (2374775)	2	2.92	<5	<20	0.5	<5	<0.1	3.06	<0.2	1.9	81.6	0.205	0.5	22
48145C-DUP (2374776)	<1	2.93	<5	<20	0.9	<5	<0.1	3.12	<0.2	1.9	86.6	0.207	0.5	23
48146 (2374777)	2	2.85	<5	<20	1.2	<5	<0.1	3.81	<0.2	1.5	89.1	0.194	0.5	21
48147 (2374778)	4	3.94	<5	<20	1.4	<5	<0.1	5.08	<0.2	1.8	81.7	0.236	0.4	37
48148 (2374779)	1	3.61	<5	<20	<0.5	<5	<0.1	4.64	<0.2	1.5	84.3	0.232	0.4	45
48149 (2374780)	1	2.76	<5	<20	1.7	<5	<0.1	3.94	<0.2	1.3	80.2	0.190	0.4	6
48150 (2374781)	<1	3.19	<5	<20	1.2	<5	<0.1	4.91	<0.2	1.4	81.4	0.217	0.5	55

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736565

PROJECT: 2021 Surimeau DDH Batch 52

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
48101 (2374732)	1.15	0.84	0.15	6.90	8.08	0.87	3	<1	0.26	<0.2	<0.05	0.5	<10	0.13
48102 (2374733)	3.14	1.75	0.81	2.24	9.41	3.57	1	3	0.60	<0.2	1.50	17.6	30	0.26
48103 (2374734)	1.39	0.83	0.14	7.64	9.32	1.05	2	<1	0.30	<0.2	<0.05	0.5	<10	0.14
48104 (2374735)	1.07	0.69	0.10	7.23	8.20	0.92	3	<1	0.25	<0.2	<0.05	0.4	<10	0.11
48105 (2374736)	0.94	0.58	0.24	34.7	3.17	1.14	<1	<1	0.21	<0.2	0.11	5.6	<10	0.07
48106 (2374737)	1.05	0.68	0.12	6.70	8.34	0.79	3	<1	0.24	<0.2	<0.05	0.4	<10	0.10
48107 (2374738)	1.20	0.81	0.14	7.44	7.89	0.87	3	<1	0.27	<0.2	<0.05	0.4	<10	0.12
48108 (2374739)	1.18	0.74	0.13	6.51	8.39	0.86	3	<1	0.25	<0.2	<0.05	0.6	<10	0.10
48109 (2374740)	1.06	0.75	0.12	6.53	8.63	0.84	3	<1	0.22	<0.2	<0.05	0.4	<10	0.10
48110 (2374741)	1.40	0.88	0.17	7.07	8.61	1.00	2	<1	0.30	<0.2	<0.05	0.7	<10	0.12
48111 (2374742)	1.22	0.68	0.18	7.41	10.0	0.86	2	<1	0.23	<0.2	<0.05	0.6	<10	0.12
48112C-DUP (2374743)	1.22	0.80	0.20	7.39	9.78	0.96	2	<1	0.23	<0.2	<0.05	0.6	<10	0.10
48113 (2374744)	1.28	0.81	0.16	6.98	8.82	0.98	2	<1	0.26	<0.2	<0.05	0.7	<10	0.11
48114 (2374745)	1.27	0.80	0.21	6.46	8.65	1.05	3	<1	0.26	<0.2	<0.05	1.1	<10	0.12
48115 (2374746)	1.11	0.70	0.16	6.48	8.27	0.89	2	<1	0.24	<0.2	<0.05	1.3	<10	0.12
48116 (2374747)	1.07	0.76	0.30	6.38	7.63	0.88	2	<1	0.24	<0.2	<0.05	0.9	<10	0.12
48117 (2374748)	1.29	0.89	0.42	7.25	8.66	1.04	2	<1	0.29	<0.2	0.08	1.1	<10	0.13
48118 (2374749)	1.12	0.68	0.24	7.49	9.62	0.93	2	<1	0.26	<0.2	0.62	0.4	28	0.13
48119 (2374750)	1.14	0.71	0.42	6.96	12.6	1.13	2	<1	0.26	<0.2	3.70	0.5	185	0.11
48120 (2374751)	1.13	0.70	0.52	6.06	9.45	0.94	3	<1	0.25	<0.2	2.14	0.9	103	0.09
48121 (2374752)	2.40	1.46	1.19	7.83	12.6	2.79	3	1	0.50	<0.2	1.27	8.8	68	0.22
48122 (2374753)	2.76	1.68	0.74	1.90	9.16	3.43	1	4	0.55	<0.2	2.12	20.0	26	0.25
48123 (2374754)	1.27	0.77	0.83	6.79	8.71	1.25	2	<1	0.28	<0.2	1.71	2.8	92	0.12
48124 (2374755)	2.39	1.46	0.37	9.17	19.3	3.37	2	3	0.46	<0.2	5.46	16.8	291	0.17
48125 (2374756)	1.44	1.01	0.48	6.50	10.1	1.26	2	<1	0.29	<0.2	2.53	1.1	122	0.14
48126 (2374757)	1.85	1.13	0.47	6.89	11.9	1.82	2	<1	0.37	<0.2	3.06	1.5	141	0.17
48127 (2374758)	1.60	0.96	0.34	7.10	10.9	1.39	2	<1	0.33	<0.2	3.29	1.9	139	0.16
48128 (2374759)	1.46	0.88	0.22	6.96	7.62	1.22	2	<1	0.30	<0.2	0.12	0.9	<10	0.13
48129 (2374760)	1.26	0.80	0.25	6.94	7.49	1.02	2	<1	0.29	<0.2	<0.05	0.9	<10	0.13
48130 (2374761)	1.19	0.89	0.26	6.98	7.64	0.98	2	<1	0.27	<0.2	<0.05	0.8	<10	0.12
48131 (2374762)	1.87	1.20	0.22	8.22	8.23	1.66	2	<1	0.40	<0.2	<0.05	4.1	<10	0.17
48132 (2374763)	1.63	1.03	0.18	7.78	7.50	1.32	2	<1	0.34	<0.2	<0.05	1.3	<10	0.17

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736565

PROJECT: 2021 Surimeau DDH Batch 52

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
48133 (2374764)	1.25	0.78	0.22	6.63	6.56	0.98	2	<1	0.29	<0.2	<0.05	0.8	<10	0.12
48134 (2374765)	1.11	0.75	0.17	6.66	8.20	0.94	2	<1	0.25	<0.2	0.70	1.0	24	0.11
48135 (2374766)	1.04	0.65	0.41	6.55	12.3	1.00	2	<1	0.23	<0.2	3.67	0.8	182	0.09
48136 (2374767)	3.25	1.65	1.30	8.06	14.6	4.39	2	2	0.59	<0.2	3.17	20.3	165	0.22
48137 (2374768)	1.11	0.76	0.18	6.75	11.3	0.93	2	<1	0.23	<0.2	3.63	0.6	154	0.10
48138 (2374769)	1.00	0.60	0.16	7.00	8.95	0.82	2	<1	0.24	<0.2	0.06	0.4	<10	0.11
48139 (2374770)	1.24	0.75	0.18	6.92	8.81	0.97	2	<1	0.27	<0.2	0.05	0.6	<10	0.16
48140 (2374771)	1.22	0.66	0.22	6.97	6.98	0.92	1	<1	0.27	<0.2	<0.05	0.6	<10	0.12
48141 (2374772)	0.87	0.69	0.12	6.85	6.89	0.74	1	<1	0.23	<0.2	<0.05	0.5	<10	0.10
48142 (2374773)	1.13	0.65	0.16	6.69	6.37	0.82	1	<1	0.23	<0.2	<0.05	0.5	<10	0.10
48143 (2374774)	1.00	0.64	0.15	6.06	5.49	0.90	1	<1	0.25	<0.2	<0.05	0.7	<10	0.09
48144 (2374775)	0.97	0.66	0.15	7.10	6.27	0.84	1	<1	0.24	<0.2	<0.05	0.7	<10	0.10
48145C-DUP (2374776)	1.06	0.62	0.08	7.16	6.88	0.84	1	<1	0.21	<0.2	<0.05	0.7	<10	0.10
48146 (2374777)	1.00	0.67	0.12	6.90	6.86	0.68	2	<1	0.21	<0.2	<0.05	0.6	<10	0.10
48147 (2374778)	1.52	1.04	0.27	8.13	8.09	1.34	1	<1	0.36	<0.2	<0.05	0.6	<10	0.16
48148 (2374779)	1.41	0.80	0.21	7.53	6.95	1.01	1	<1	0.31	<0.2	<0.05	0.5	<10	0.11
48149 (2374780)	1.09	0.68	0.13	6.81	6.39	0.91	1	<1	0.24	<0.2	<0.05	0.5	<10	0.12
48150 (2374781)	1.17	0.76	0.20	7.29	6.56	0.95	1	<1	0.26	<0.2	<0.05	0.5	<10	0.11

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736565

PROJECT: 2021 Surimeau DDH Batch 52

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
48101 (2374732)	14.3	1170	<2	<1	1.3	1130	<0.01	<5	0.23	1.3	0.67	<0.1	21	23.3
48102 (2374733)	5.24	517	6	5	19.7	17	0.04	<5	4.89	42.8	0.14	<0.1	6	26.7
48103 (2374734)	14.7	1190	<2	<1	1.4	1020	0.01	<5	0.22	0.9	0.74	<0.1	24	22.5
48104 (2374735)	14.9	1350	<2	<1	1.3	1250	0.01	<5	0.20	1.1	0.49	<0.1	21	24.1
48105 (2374736)	1.79	578	<2	1	5.1	19600	<0.01	38	1.30	3.8	19.8	0.4	7	7.76
48106 (2374737)	15.2	1220	<2	<1	1.3	1240	<0.01	<5	0.21	0.8	0.39	<0.1	20	23.6
48107 (2374738)	14.3	1170	<2	<1	1.3	1020	<0.01	<5	0.21	0.8	0.66	<0.1	23	22.1
48108 (2374739)	14.9	1300	<2	<1	1.3	1220	<0.01	<5	0.27	1.2	0.29	0.1	19	23.8
48109 (2374740)	14.6	1190	<2	<1	1.3	1150	<0.01	<5	0.21	1.1	0.34	<0.1	20	23.4
48110 (2374741)	14.2	1150	<2	<1	1.5	1030	<0.01	<5	0.25	0.7	0.65	<0.1	23	22.4
48111 (2374742)	14.8	1300	<2	<1	1.3	1050	<0.01	<5	0.23	1.5	0.42	0.7	23	22.1
48112C-DUP (2374743)	14.8	1300	<2	<1	1.3	1050	<0.01	<5	0.22	1.3	0.40	<0.1	22	22.1
48113 (2374744)	14.4	1210	<2	<1	1.4	1240	0.01	<5	0.26	1.3	0.45	0.1	20	22.9
48114 (2374745)	14.2	984	<2	<1	1.7	1080	<0.01	<5	0.36	0.9	0.53	<0.1	21	22.4
48115 (2374746)	14.1	977	<2	<1	1.8	1070	<0.01	<5	0.30	0.6	0.55	<0.1	20	22.0
48116 (2374747)	13.7	1140	<2	<1	1.5	912	0.01	<5	0.31	0.5	0.47	<0.1	20	23.3
48117 (2374748)	13.2	1370	<2	<1	1.9	930	0.01	<5	0.37	3.0	0.39	<0.1	24	21.2
48118 (2374749)	13.9	1190	<2	<1	1.4	1260	<0.01	<5	0.23	22.6	0.51	<0.1	25	21.8
48119 (2374750)	12.1	1090	<2	2	2.0	859	0.01	9	0.30	174	0.07	<0.1	20	23.3
48120 (2374751)	11.5	1280	<2	1	2.1	671	<0.01	<5	0.44	96.5	0.07	0.2	16	24.4
48121 (2374752)	9.76	1630	<2	3	12.3	528	0.07	6	2.78	53.9	0.14	<0.1	29	22.3
48122 (2374753)	3.47	676	13	6	18.5	15	0.05	5	4.80	46.4	0.16	<0.1	6	25.2
48123 (2374754)	12.0	1390	<2	<1	3.6	955	0.02	<5	0.72	75.0	0.37	<0.1	21	21.5
48124 (2374755)	11.3	1070	<2	6	19.1	447	0.15	10	4.60	257	0.28	<0.1	31	17.8
48125 (2374756)	12.3	1330	<2	1	2.7	998	<0.01	10	0.51	114	0.34	<0.1	19	24.3
48126 (2374757)	12.2	1280	<2	1	4.2	1030	0.01	7	0.79	145	0.36	<0.1	22	23.6
48127 (2374758)	12.8	1170	<2	1	3.5	840	0.01	5	0.76	150	0.32	<0.1	24	22.6
48128 (2374759)	13.9	1180	<2	<1	1.9	930	<0.01	<5	0.32	5.4	0.49	<0.1	22	22.8
48129 (2374760)	13.9	1160	<2	<1	1.6	1010	<0.01	<5	0.30	1.2	0.44	<0.1	23	22.6
48130 (2374761)	13.9	1200	<2	<1	1.8	1150	0.01	<5	0.29	0.8	0.49	<0.1	21	22.5
48131 (2374762)	14.1	1190	<2	<1	5.5	1030	0.02	<5	1.19	1.3	0.51	<0.1	26	21.1
48132 (2374763)	14.6	1130	<2	<1	2.9	1110	0.01	<5	0.54	1.5	0.44	<0.1	24	22.0

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736565

PROJECT: 2021 Surimeau DDH Batch 52

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
48133 (2374764)	14.2	1280	<2	<1	1.7	1200	0.01	<5	0.35	1.6	0.38	<0.1	18	23.4
48134 (2374765)	14.2	1140	<2	<1	1.6	1030	0.01	<5	0.34	29.5	0.34	<0.1	19	23.2
48135 (2374766)	12.2	1080	<2	1	1.8	896	<0.01	9	0.33	162	0.03	<0.1	19	23.2
48136 (2374767)	10.6	1350	<2	2	26.0	581	0.04	8	6.07	136	0.02	<0.1	29	22.1
48137 (2374768)	12.5	988	<2	1	1.5	917	<0.01	6	0.25	162	0.19	<0.1	18	23.0
48138 (2374769)	14.3	1230	<2	<1	1.2	1230	<0.01	<5	0.22	2.5	0.53	<0.1	21	22.8
48139 (2374770)	14.4	1170	<2	<1	1.4	1100	<0.01	<5	0.30	2.3	0.36	<0.1	22	21.9
48140 (2374771)	14.6	1180	<2	<1	1.3	1210	0.01	<5	0.25	1.2	0.30	<0.1	21	20.6
48141 (2374772)	15.8	1140	<2	<1	1.2	1290	<0.01	<5	0.20	1.1	0.09	<0.1	19	21.1
48142 (2374773)	15.5	1130	<2	<1	1.3	1260	<0.01	<5	0.22	1.0	0.09	<0.1	19	20.8
48143 (2374774)	14.7	1080	<2	<1	1.5	1160	0.01	<5	0.26	0.9	0.06	<0.1	18	18.6
48144 (2374775)	15.9	1130	<2	<1	1.5	1240	0.03	<5	0.28	0.9	0.07	<0.1	21	20.9
48145C-DUP (2374776)	15.9	1140	<2	<1	1.6	1230	0.02	<5	0.30	1.0	0.06	<0.1	21	21.2
48146 (2374777)	15.7	1190	<2	<1	1.3	1270	<0.01	<5	0.22	1.0	0.08	<0.1	19	21.1
48147 (2374778)	14.3	1270	<2	<1	1.9	838	0.02	<5	0.31	0.6	0.16	<0.1	27	20.2
48148 (2374779)	14.6	1180	<2	<1	1.6	1050	<0.01	<5	0.26	0.7	0.13	<0.1	24	20.5
48149 (2374780)	15.4	1220	<2	<1	1.2	1180	<0.01	<5	0.20	0.9	0.04	<0.1	20	21.8
48150 (2374781)	14.5	1160	<2	<1	1.2	1140	0.02	<5	0.23	0.7	0.17	<0.1	21	20.7

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736565

PROJECT: 2021 Surimeau DDH Batch 52

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
48101 (2374732)	0.5	<1	22.4	<0.5	0.17	<0.1	0.16	<0.5	0.10	0.08	123	2	6.5	0.8
48102 (2374733)	3.8	<1	232	0.5	0.55	4.1	0.24	<0.5	0.25	1.38	56	2	15.3	1.6
48103 (2374734)	0.6	<1	21.0	<0.5	0.22	<0.1	0.20	<0.5	0.11	<0.05	158	<1	7.3	0.8
48104 (2374735)	0.6	<1	20.7	<0.5	0.17	<0.1	0.17	<0.5	0.11	<0.05	120	<1	6.3	0.7
48105 (2374736)	1.0	1	33.8	<0.5	0.17	0.9	0.10	<0.5	0.07	0.20	64	5	4.7	0.5
48106 (2374737)	0.6	<1	23.3	<0.5	0.16	<0.1	0.15	<0.5	0.10	<0.05	124	1	5.7	0.6
48107 (2374738)	0.5	<1	22.1	<0.5	0.19	<0.1	0.19	<0.5	0.09	0.05	146	1	6.4	0.7
48108 (2374739)	0.6	<1	24.9	<0.5	0.18	<0.1	0.15	<0.5	0.11	0.13	111	<1	6.6	0.7
48109 (2374740)	0.6	<1	22.4	<0.5	0.16	<0.1	0.16	<0.5	0.10	<0.05	117	1	5.9	0.6
48110 (2374741)	0.8	<1	23.8	<0.5	0.17	<0.1	0.18	<0.5	0.11	0.05	138	<1	7.5	0.8
48111 (2374742)	0.4	<1	20.7	<0.5	0.17	<0.1	0.21	<0.5	0.10	0.08	142	1	6.3	0.8
48112C-DUP (2374743)	0.5	<1	20.2	<0.5	0.16	<0.1	0.21	<0.5	0.11	0.06	139	<1	6.1	0.6
48113 (2374744)	0.6	<1	24.2	<0.5	0.16	<0.1	0.16	<0.5	0.11	0.07	120	<1	6.6	0.7
48114 (2374745)	0.7	<1	27.1	<0.5	0.18	<0.1	0.16	<0.5	0.14	0.06	130	<1	7.2	0.8
48115 (2374746)	0.5	<1	29.7	<0.5	0.17	<0.1	0.17	<0.5	0.10	0.06	127	<1	6.1	0.7
48116 (2374747)	0.5	<1	38.2	<0.5	0.15	<0.1	0.15	<0.5	0.10	0.05	121	2	6.2	0.8
48117 (2374748)	0.8	<1	59.1	<0.5	0.20	<0.1	0.20	<0.5	0.13	0.08	139	<1	7.5	0.9
48118 (2374749)	0.5	<1	25.8	<0.5	0.17	<0.1	0.19	<0.5	0.09	0.09	146	1	5.9	0.7
48119 (2374750)	0.7	1	37.6	<0.5	0.18	<0.1	0.19	2.4	0.11	0.10	144	<1	6.7	0.7
48120 (2374751)	0.7	2	44.4	<0.5	0.16	0.1	0.14	1.4	0.09	0.23	125	<1	6.4	0.7
48121 (2374752)	2.8	5	117	<0.5	0.41	2.1	0.33	0.8	0.20	0.60	232	1	12.9	1.4
48122 (2374753)	3.6	<1	151	<0.5	0.50	3.8	0.25	<0.5	0.23	0.96	48	3	15.4	1.6
48123 (2374754)	0.9	<1	80.7	<0.5	0.19	0.2	0.15	1.1	0.12	0.15	141	2	7.3	0.8
48124 (2374755)	3.9	<1	64.0	<0.5	0.48	4.5	0.60	3.8	0.18	2.33	235	<1	11.4	1.2
48125 (2374756)	0.9	<1	40.8	<0.5	0.22	0.1	0.16	1.7	0.13	0.14	125	1	7.9	1.0
48126 (2374757)	1.3	<1	37.0	<0.5	0.27	0.2	0.17	2.1	0.15	0.26	134	<1	10.2	1.1
48127 (2374758)	1.1	<1	32.1	<0.5	0.25	0.3	0.20	2.1	0.15	0.16	162	<1	8.5	1.0
48128 (2374759)	0.8	<1	30.4	<0.5	0.19	<0.1	0.17	<0.5	0.11	0.08	133	<1	7.5	0.8
48129 (2374760)	0.7	<1	31.4	<0.5	0.18	<0.1	0.19	<0.5	0.13	0.07	152	<1	6.9	0.8
48130 (2374761)	0.6	<1	28.4	<0.5	0.18	<0.1	0.16	<0.5	0.12	0.07	121	<1	6.8	0.7
48131 (2374762)	1.5	<1	27.4	<0.5	0.27	0.7	0.24	<0.5	0.16	0.12	186	<1	9.9	1.1
48132 (2374763)	0.9	<1	28.0	<0.5	0.25	0.3	0.17	<0.5	0.15	0.07	169	<1	9.0	1.0

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736565

PROJECT: 2021 Surimeau DDH Batch 52

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
48133 (2374764)	0.7	<1	31.5	<0.5	0.17	<0.1	0.14	<0.5	0.10	0.06	109	<1	7.1	0.7
48134 (2374765)	0.5	<1	31.7	<0.5	0.15	<0.1	0.16	<0.5	0.10	0.06	122	<1	6.1	0.7
48135 (2374766)	0.7	<1	39.3	<0.5	0.16	<0.1	0.22	2.2	0.09	0.07	128	<1	6.0	0.6
48136 (2374767)	5.1	2	68.5	<0.5	0.59	3.6	0.35	1.9	0.23	0.80	226	<1	14.7	1.5
48137 (2374768)	0.6	<1	37.1	<0.5	0.17	<0.1	0.23	2.1	0.10	0.09	127	2	5.9	0.7
48138 (2374769)	0.6	<1	28.9	<0.5	0.15	<0.1	0.17	<0.5	0.10	0.07	120	<1	5.8	0.7
48139 (2374770)	0.7	<1	45.6	<0.5	0.17	<0.1	0.18	<0.5	0.12	0.06	129	2	6.4	0.7
48140 (2374771)	0.6	<1	106	<0.5	0.18	<0.1	0.17	<0.5	0.10	<0.05	127	2	6.4	0.7
48141 (2374772)	0.5	<1	109	<0.5	0.13	<0.1	0.15	<0.5	0.09	<0.05	117	<1	5.5	0.7
48142 (2374773)	0.5	<1	121	<0.5	0.14	<0.1	0.15	<0.5	0.08	<0.05	113	3	5.9	0.7
48143 (2374774)	0.6	<1	131	<0.5	0.14	<0.1	0.14	<0.5	0.09	<0.05	105	<1	5.7	0.7
48144 (2374775)	0.5	<1	81.9	<0.5	0.15	0.1	0.18	<0.5	0.09	<0.05	125	2	5.4	0.6
48145C-DUP (2374776)	0.5	<1	84.1	<0.5	0.16	0.1	0.17	<0.5	0.09	<0.05	126	2	5.6	0.7
48146 (2374777)	0.5	<1	95.1	<0.5	0.13	<0.1	0.15	<0.5	0.09	<0.05	112	<1	5.5	0.7
48147 (2374778)	0.8	<1	65.0	<0.5	0.23	<0.1	0.22	<0.5	0.14	<0.05	179	2	8.1	1.0
48148 (2374779)	0.7	<1	71.6	<0.5	0.21	<0.1	0.20	<0.5	0.12	<0.05	153	<1	7.2	0.8
48149 (2374780)	0.5	<1	88.2	<0.5	0.14	<0.1	0.15	<0.5	0.11	<0.05	113	2	5.9	0.7
48150 (2374781)	0.7	<1	85.5	<0.5	0.17	<0.1	0.18	<0.5	0.11	<0.05	142	2	6.3	0.8

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736565

PROJECT: 2021 Surimeau DDH Batch 52

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
48101 (2374732)	50	12.3
48102 (2374733)	38	118
48103 (2374734)	58	13.9
48104 (2374735)	54	15.1
48105 (2374736)	84	30.5
48106 (2374737)	54	10.9
48107 (2374738)	56	15.4
48108 (2374739)	54	11.7
48109 (2374740)	58	14.2
48110 (2374741)	59	19.1
48111 (2374742)	73	18.6
48112C-DUP (2374743)	72	14.7
48113 (2374744)	67	15.9
48114 (2374745)	59	13.2
48115 (2374746)	60	13.5
48116 (2374747)	61	12.0
48117 (2374748)	99	16.9
48118 (2374749)	104	14.8
48119 (2374750)	144	12.6
48120 (2374751)	124	9.8
48121 (2374752)	140	43.1
48122 (2374753)	24	148
48123 (2374754)	112	11.2
48124 (2374755)	186	89.2
48125 (2374756)	119	13.2
48126 (2374757)	124	16.0
48127 (2374758)	108	23.0
48128 (2374759)	57	13.8
48129 (2374760)	58	15.9
48130 (2374761)	53	13.4
48131 (2374762)	58	26.6
48132 (2374763)	62	12.7

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736565

PROJECT: 2021 Surimeau DDH Batch 52

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
48133 (2374764)	51	14.2
48134 (2374765)	80	12.8
48135 (2374766)	220	11.4
48136 (2374767)	223	58.6
48137 (2374768)	114	12.2
48138 (2374769)	64	13.2
48139 (2374770)	58	15.0
48140 (2374771)	46	13.2
48141 (2374772)	47	13.5
48142 (2374773)	49	9.2
48143 (2374774)	43	11.4
48144 (2374775)	56	13.9
48145C-DUP (2374776)	51	13.8
48146 (2374777)	54	13.7
48147 (2374778)	67	18.6
48148 (2374779)	54	18.2
48149 (2374780)	48	11.4
48150 (2374781)	50	14.2

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736565

PROJECT: 2021 Surimeau DDH Batch 52

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
48101 (2374732)	81.02
48120 (2374751)	79.67
48140 (2374771)	78.19

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736565

PROJECT: 2021 Surimeau DDH Batch 52

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
48101 (2374732)	87.38
48128 (2374759)	85.25
48149 (2374780)	89.51

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2374732	< 1	< 1	0.0%	2374746	< 1	< 1	0.0%	2374757	< 1	< 1	0.0%	2374772	3	4	28.6%
Al	2374732	3.02	2.99	1.0%	2374746	3.43	3.40	0.9%	2374757	3.65	3.48	4.8%	2374772	2.89	2.88	0.3%
As	2374732	< 5	< 5	0.0%	2374746	< 5	< 5	0.0%	2374757	< 5	< 5	0.0%	2374772	< 5	< 5	0.0%
B	2374732	< 20	< 20	0.0%	2374746	< 20	< 20	0.0%	2374757	< 20	< 20	0.0%	2374772	< 20	< 20	0.0%
Ba	2374732	3.2	2.1		2374746	2.1	2.2	4.7%	2374757	687	651	5.4%	2374772	1.1	0.5	
Be	2374732	< 5	< 5	0.0%	2374746	< 5	< 5	0.0%	2374757	< 5	< 5	0.0%	2374772	< 5	< 5	0.0%
Bi	2374732	< 0.1	< 0.1	0.0%	2374746	< 0.1	< 0.1	0.0%	2374757	< 0.1	< 0.1	0.0%	2374772	< 0.1	< 0.1	0.0%
Ca	2374732	4.88	4.84	0.8%	2374746	5.01	5.00	0.2%	2374757	4.68	4.59	1.9%	2374772	3.76	3.80	1.1%
Cd	2374732	0.2	0.2	0.0%	2374746	< 0.2	< 0.2	0.0%	2374757	< 0.2	< 0.2	0.0%	2374772	< 0.2	< 0.2	0.0%
Ce	2374732	1.35	1.17	14.3%	2374746	2.33	2.45	5.0%	2374757	4.8	4.7	2.1%	2374772	1.3	1.3	0.0%
Co	2374732	87.9	84.3	4.2%	2374746	82.0	84.4	2.9%	2374757	82.8	76.0	8.6%	2374772	90.0	91.2	1.3%
Cr	2374732	0.192	0.195	1.6%	2374746	0.200	0.199	0.5%	2374757	0.181	0.179	1.1%	2374772	0.199	0.202	1.5%
Cs	2374732	0.4	0.4	0.0%	2374746	0.3	0.3	0.0%	2374757	31.4	28.6	9.3%	2374772	0.52	0.58	10.9%
Cu	2374732	96	95	1.0%	2374746	88	85	3.5%	2374757	52	51	1.9%	2374772	27	24	11.8%
Dy	2374732	1.15	1.10	4.4%	2374746	1.11	1.13	1.8%	2374757	1.85	1.82	1.6%	2374772	0.87	0.97	10.9%
Er	2374732	0.844	0.863	2.2%	2374746	0.70	0.73	4.2%	2374757	1.13	1.01	11.2%	2374772	0.691	0.581	17.3%
Eu	2374732	0.153	0.144	6.1%	2374746	0.162	0.207	24.4%	2374757	0.47	0.41	13.6%	2374772	0.12	0.14	15.4%
Fe	2374732	6.90	6.93	0.4%	2374746	6.48	6.49	0.2%	2374757	6.89	6.62	4.0%	2374772	6.85	6.89	0.6%
Ga	2374732	8.08	7.91	2.1%	2374746	8.27	8.41	1.7%	2374757	11.9	10.5	12.5%	2374772	6.89	7.18	4.1%
Gd	2374732	0.87	0.83	4.7%	2374746	0.894	0.924	3.3%	2374757	1.82	1.63	11.0%	2374772	0.741	0.785	5.8%
Ge	2374732	3	3	0.0%	2374746	2	3		2374757	2	3		2374772	1	1	0.0%
Hf	2374732	< 1	< 1	0.0%	2374746	< 1	< 1	0.0%	2374757	< 1	< 1	0.0%	2374772	< 1	< 1	0.0%
Ho	2374732	0.26	0.26	0.0%	2374746	0.24	0.25	4.1%	2374757	0.37	0.35	5.6%	2374772	0.23	0.21	9.1%
In	2374732	< 0.2	< 0.2	0.0%	2374746	< 0.2	< 0.2	0.0%	2374757	< 0.2	< 0.2	0.0%	2374772	< 0.2	< 0.2	0.0%
K	2374732	< 0.05	< 0.05	0.0%	2374746	< 0.05	< 0.05	0.0%	2374757	3.06	2.91	5.0%	2374772	< 0.05	< 0.05	0.0%
La	2374732	0.5	0.4	22.2%	2374746	1.33	1.41	5.8%	2374757	1.5	1.6	6.5%	2374772	0.5	0.5	0.0%
Li	2374732	< 10	< 10	0.0%	2374746	< 10	< 10	0.0%	2374757	141	134	5.1%	2374772	< 10	< 10	0.0%
Lu	2374732	0.132	0.105	22.8%	2374746	0.12	0.11	8.7%	2374757	0.167	0.133	22.7%	2374772	0.10	0.09	10.5%
Mg	2374732	14.3	14.1	1.4%	2374746	14.1	14.1	0.0%	2374757	12.2	11.8	3.3%	2374772	15.8	15.9	0.6%
Mn	2374732	1170	1170	0.0%	2374746	977	978	0.1%	2374757	1280	1250	2.4%	2374772	1140	1140	0.0%
Mo	2374732	< 2	< 2	0.0%	2374746	< 2	< 2	0.0%	2374757	< 2	< 2	0.0%	2374772	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2374732	< 1	< 1	0.0%	2374746	< 1	< 1	0.0%	2374757	1	1	0.0%	2374772	< 1	< 1	0.0%
Nd	2374732	1.3	1.1	16.7%	2374746	1.77	1.68	5.2%	2374757	4.2	4.2	0.0%	2374772	1.2	1.2	0.0%
Ni	2374732	1130	1120	0.9%	2374746	1070	1070	0.0%	2374757	1030	987	4.3%	2374772	1290	1300	0.8%
P	2374732	< 0.01	< 0.01	0.0%	2374746	< 0.01	< 0.01	0.0%	2374757	0.01	< 0.01		2374772	< 0.01	< 0.01	0.0%
Pb	2374732	< 5	< 5	0.0%	2374746	< 5	< 5	0.0%	2374757	7	6	15.4%	2374772	< 5	< 5	0.0%
Pr	2374732	0.23	0.21	9.1%	2374746	0.302	0.320	5.8%	2374757	0.79	0.79	0.0%	2374772	0.204	0.239	15.8%
Rb	2374732	1.27	1.20	5.7%	2374746	0.64	0.67	4.6%	2374757	145	134	7.9%	2374772	1.1	1.1	0.0%
S	2374732	0.668	0.654	2.1%	2374746	0.55	0.56	1.8%	2374757	0.36	0.38	5.4%	2374772	0.090	0.106	16.3%
Sb	2374732	< 0.1	< 0.1	0.0%	2374746	< 0.1	< 0.1	0.0%	2374757	< 0.1	0.1		2374772	< 0.1	< 0.1	0.0%
Sc	2374732	21	21	0.0%	2374746	20	20	0.0%	2374757	22	21	4.7%	2374772	19	19	0.0%
Si	2374732	23.3	23.2	0.4%	2374746	22.0	22.1	0.5%	2374757	23.6	22.8	3.4%	2374772	21.1	21.2	0.5%
Sm	2374732	0.5	0.5	0.0%	2374746	0.51	0.60	16.2%	2374757	1.3	1.2	8.0%	2374772	0.5	0.5	0.0%
Sn	2374732	< 1	< 1	0.0%	2374746	< 1	< 1	0.0%	2374757	< 1	< 1	0.0%	2374772	< 1	< 1	0.0%
Sr	2374732	22.4	22.0	1.8%	2374746	29.7	29.6	0.3%	2374757	37.0	39.1	5.5%	2374772	109	109	0.0%
Ta	2374732	< 0.5	< 0.5	0.0%	2374746	< 0.5	< 0.5	0.0%	2374757	< 0.5	< 0.5	0.0%	2374772	< 0.5	< 0.5	0.0%
Tb	2374732	0.17	0.16	6.1%	2374746	0.166	0.160	3.7%	2374757	0.274	0.286	4.3%	2374772	0.13	0.13	0.0%
Th	2374732	< 0.1	< 0.1	0.0%	2374746	< 0.1	< 0.1	0.0%	2374757	0.2	0.2	0.0%	2374772	< 0.1	< 0.1	0.0%
Ti	2374732	0.16	0.16	0.0%	2374746	0.166	0.164	1.2%	2374757	0.166	0.159	4.3%	2374772	0.15	0.15	0.0%
Tl	2374732	< 0.5	< 0.5	0.0%	2374746	< 0.5	< 0.5	0.0%	2374757	2.07	1.93	7.0%	2374772	< 0.5	< 0.5	0.0%
Tm	2374732	0.10	0.10	0.0%	2374746	0.104	0.110	5.6%	2374757	0.154	0.157	1.9%	2374772	0.09	0.09	0.0%
U	2374732	0.076	0.064	17.1%	2374746	0.06	0.05	18.2%	2374757	0.259	0.306	16.6%	2374772	< 0.05	< 0.05	0.0%
V	2374732	123	124	0.8%	2374746	127	130	2.3%	2374757	134	130	3.0%	2374772	117	118	0.9%
W	2374732	2	< 1		2374746	< 1	< 1	0.0%	2374757	< 1	< 1	0.0%	2374772	< 1	< 1	0.0%
Y	2374732	6.5	6.1	6.3%	2374746	6.1	6.2	1.6%	2374757	10.2	9.8	4.0%	2374772	5.51	5.34	3.1%
Yb	2374732	0.81	0.72	11.8%	2374746	0.7	0.7	0.0%	2374757	1.12	1.05	6.5%	2374772	0.66	0.64	3.1%
Zn	2374732	50	56	11.3%	2374746	60	61	1.7%	2374757	124	123	0.8%	2374772	47	45	4.3%
Zr	2374732	12.3	10.5	15.8%	2374746	13.5	12.6	6.9%	2374757	16.0	13.0	20.7%	2374772	13.5	11.9	12.6%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O736565

PROJECT: 2021 Surimeau DDH Batch 52

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.33	98%	90% - 110%					6.94	6.87	99%	90% - 110%	13.0	12.8	98%	90% - 110%
As	26	25	97%	90% - 110%												
Ba	540	498	92%	90% - 110%									1310	1223	93%	90% - 110%
Be	4.0	3.7	93%	90% - 110%												
Ca	0.907	0.906	100%	90% - 110%					4.01	3.91	98%	90% - 110%	1.42	1.36	96%	90% - 110%
Ce	98	101	103%	90% - 110%	58.2	61.3	105%	90% - 110%								
Co	15	14	96%	90% - 110%												
Cu	150	160	107%	90% - 110%												
Er	3.7	3.8	104%	90% - 110%												
Fe	3.77	3.91	104%	90% - 110%					7.56	7.66	101%	90% - 110%	3.27	3.27	100%	90% - 110%
Ga					22.6	22	97%	90% - 110%								
Hf	11	10	90%	90% - 110%												
K	2.55	2.46	97%	90% - 110%					2.02	1.97	98%	90% - 110%	3.68	3.66	99%	90% - 110%
La	44	46	104%	90% - 110%	27.5	29	106%	90% - 110%								
Li	47	48	101%	90% - 110%									65.0	68.9	106%	90% - 110%
Lu	0.6	0.5	90%	90% - 110%												
Mg	1.1	1	92%	90% - 110%					2.41	2.34	97%	90% - 110%				
Mn	780	749	96%	90% - 110%												
Mo	14	14	98%	90% - 110%												
Nb	20	18	91%	90% - 110%	22.6	22.6	100%	90% - 110%								
Nd					27.3	27.3	100%	90% - 110%								
Ni	32	33	104%	90% - 110%												
P													0.061	0.059	96%	90% - 110%
Pb	31	32	104%	90% - 110%												
Rb	144	144	100%	90% - 110%	85.4	86.4	101%	90% - 110%								
Sb	0.8	0.7	91%	90% - 110%												
Sc	12	12	97%	90% - 110%												
Si	28.4	29.7	104%	90% - 110%					23.65	24.99	106%	90% - 110%	24.4	25.8	106%	90% - 110%
Sm	7.4	7.7	103%	90% - 110%												
Sr	144	153	106%	90% - 110%									310	319	103%	90% - 110%
Ta	1.9	2.3	122%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Tb	1.2	1.2	98%	90% - 110%												
Th	18.4	19.2	104%	90% - 110%												
Ti	0.527	0.512	97%	90% - 110%									0.222	0.21	95%	90% - 110%
U	5.7	5.5	96%	90% - 110%												
V	77	82	107%	90% - 110%												
W	5	6	124%	90% - 110%												
Y	40	37	91%	90% - 110%	25.3	25.2	99%	90% - 110%								
Yb					2.66	2.99	113%	90% - 110%								
Zn	130	121	93%	90% - 110%									75.4	73.2	97%	90% - 110%
Zr	390	366	94%	90% - 110%	157	163	104%	90% - 110%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O736565

PROJECT: 2021 Surimeau DDH Batch 52

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC
AGAT WORK ORDER: 21O736565
PROJECT: 2021 Surimeau DDH Batch 52
ATTENTION TO: Francis Newton
SAMPLING SITE:
SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O736565

PROJECT: 2021 Surimeau DDH Batch 52

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 54

AGAT WORK ORDER: 21O736569

SOLID ANALYSIS REVIEWED BY: Jeffrey Xiong, Lab Team Lead

DATE REPORTED: Sep 09, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736569

PROJECT: 2021 Surimeau DDH Batch 54

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 09, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
48151 (2374785)	3.19
48152 (2374786)	0.87
48153 (2374787)	4.26
48154 (2374788)	3.27
48155 (2374789)	2.54
48156 (2374790)	4.90
48157 (2374791)	4.40
48158 (2374792)	4.61
48159 (2374793)	4.30
48160 (2374794)	4.17
48161 (2374795)	4.58
48162 C-DUP (2374796)	-
48163 (2374797)	5.00
48164 (2374798)	2.11
48165 (2374799)	1.94
48166 (2374800)	4.19
48167 (2374801)	4.77
48168 (2374802)	4.40
48169 (2374803)	4.31
48170 (2374804)	4.75
48171 (2374805)	4.61
48172 (2374806)	0.66
48173 (2374807)	4.63
48174 (2374808)	4.22
48175 (2374809)	4.12
48176 (2374810)	3.06
48177 (2374811)	3.38
48178 (2374812)	2.73
48179 (2374813)	5.39
48180 (2374814)	3.16
48181 (2374815)	3.08

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736569

PROJECT: 2021 Surimeau DDH Batch 54

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 09, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
48182 (2374816)	3.27
48183 (2374817)	3.80
48184 (2374818)	2.67
48185 (2374819)	1.40
48186 (2374820)	2.50
48187 (2374821)	2.93
48188 (2374822)	4.29
48189 (2374823)	4.26
48190 (2374824)	4.20
48191 (2374825)	2.19
48192 (2374826)	2.21
48193 (2374827)	2.62
48194 (2374828)	2.86
48195 C-DUP (2374829)	-
48196 (2374830)	2.67
48197 (2374831)	4.15
48198 (2374832)	4.12
48199 (2374833)	3.87
48200 (2374834)	4.91

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736569

PROJECT: 2021 Surimeau DDH Batch 54

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 09, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
48151 (2374785)	<1	4.34	<5	<20	2.3	<5	0.2	5.71	<0.2	1.9	109	0.282	0.3	25
48152 (2374786)	<1	2.66	<5	26	197	<5	<0.1	15.0	<0.2	33.5	5.7	0.012	0.7	10
48153 (2374787)	<1	4.38	<5	<20	260	<5	0.2	6.74	<0.2	2.2	97.0	0.264	8.0	21
48154 (2374788)	<1	3.93	<5	<20	46.4	<5	0.1	6.70	<0.2	2.1	90.8	0.256	1.6	21
48155 (2374789)	<1	3.59	<5	<20	1.6	<5	0.4	4.82	<0.2	1.2	111	0.264	0.6	74
48156 (2374790)	<1	3.23	<5	<20	<0.5	<5	0.4	5.17	<0.2	1.3	103	0.246	0.5	61
48157 (2374791)	<1	3.08	<5	<20	2.1	<5	0.4	5.45	<0.2	1.7	100	0.226	0.6	42
48158 (2374792)	<1	3.99	<5	<20	80.6	<5	0.3	4.44	<0.2	8.6	91.2	0.254	2.6	67
48159 (2374793)	<1	2.94	<5	<20	1.8	<5	0.3	5.30	<0.2	2.3	88.8	0.218	0.4	45
48160 (2374794)	<1	2.97	<5	<20	1.5	<5	0.5	4.35	<0.2	2.0	103	0.229	0.5	39
48161 (2374795)	<1	4.44	<5	<20	1.0	<5	0.2	4.96	<0.2	6.8	109	0.292	0.4	58
48162 C-DUP (2374796)	<1	4.48	<5	<20	<0.5	<5	0.3	5.06	<0.2	5.1	103	0.291	0.5	54
48163 (2374797)	<1	4.12	<5	<20	0.9	<5	0.3	6.16	<0.2	1.7	96.1	0.235	0.3	63
48164 (2374798)	<1	3.94	<5	<20	2.1	<5	0.4	6.31	<0.2	1.7	100	0.259	0.4	75
48165 (2374799)	<1	3.98	<5	<20	0.9	<5	0.3	6.14	<0.2	1.8	103	0.256	0.4	70
48166 (2374800)	<1	4.43	<5	<20	191	<5	0.4	8.14	<0.2	11.2	99.7	0.232	5.5	39
48167 (2374801)	<1	3.63	<5	<20	33.3	<5	0.3	6.79	<0.2	2.2	90.9	0.237	1.0	69
48168 (2374802)	<1	3.18	<5	<20	0.8	<5	0.6	4.40	<0.2	1.2	95.6	0.236	0.4	39
48169 (2374803)	<1	3.19	<5	<20	<0.5	<5	0.7	4.10	<0.2	1.4	102	0.228	0.4	14
48170 (2374804)	<1	2.40	<5	<20	0.6	<5	0.8	5.84	<0.2	2.1	102	0.206	0.4	19
48171 (2374805)	<1	3.58	<5	<20	0.6	<5	0.5	5.11	<0.2	2.2	117	0.272	0.4	52
48172 (2374806)	<1	2.56	<5	22	767	<5	<0.1	10.1	<0.2	44.7	5.5	0.018	0.6	6
48173 (2374807)	<1	3.46	<5	<20	1.5	<5	0.6	5.16	<0.2	1.7	105	0.246	0.4	34
48174 (2374808)	<1	3.56	<5	<20	1.2	<5	0.5	5.12	<0.2	1.5	101	0.260	0.3	41
48175 (2374809)	<1	3.51	<5	<20	0.8	<5	0.6	4.83	<0.2	1.5	102	0.250	0.4	41
48176 (2374810)	<1	3.16	<5	<20	2.2	<5	0.5	5.71	<0.2	1.7	102	0.230	0.3	83
48177 (2374811)	<1	3.38	<5	<20	102	<5	0.6	6.11	<0.2	2.5	93.7	0.246	3.4	115
48178 (2374812)	<1	5.81	<5	<20	1190	<5	0.4	5.98	<0.2	45.7	72.2	0.149	17.1	42
48179 (2374813)	<1	6.12	<5	<20	1210	<5	0.7	4.82	<0.2	11.7	90.5	0.296	10.4	239
48180 (2374814)	<1	8.26	<5	<20	895	<5	0.6	5.03	7.2	78.2	53.8	0.088	2.1	165
48181 (2374815)	<1	7.49	<5	<20	992	<5	0.3	5.82	<0.2	73.0	37.4	0.041	2.5	159
48182 (2374816)	<1	7.43	<5	<20	1100	<5	0.2	7.01	0.2	64.3	49.7	0.049	5.1	106

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736569

PROJECT: 2021 Surimeau DDH Batch 54

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 09, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
48183 (2374817)	<1	7.83	<5	<20	640	<5	0.3	3.71	1.6	91.3	77.9	0.066	3.1	620
48184 (2374818)	<1	8.30	<5	<20	777	<5	0.5	5.49	6.2	71.7	76.1	0.033	0.8	488
48185 (2374819)	<1	9.08	<5	<20	541	<5	0.5	3.77	8.4	74.0	73.5	0.024	0.2	577
48186 (2374820)	<1	10.3	<5	<20	1300	<5	0.3	2.27	<0.2	77.4	39.1	0.036	2.6	113
48187 (2374821)	<1	10.4	<5	<20	665	<5	0.1	1.40	<0.2	71.5	33.4	0.031	5.7	103
48188 (2374822)	<1	9.83	<5	<20	630	<5	0.2	1.14	2.2	67.5	29.6	0.032	4.6	110
48189 (2374823)	<1	8.62	<5	<20	699	<5	0.3	1.03	1.8	65.6	22.6	0.027	3.0	68
48190 (2374824)	<1	8.41	<5	<20	531	<5	0.2	1.04	2.8	59.8	23.8	0.030	4.9	107
48191 (2374825)	<1	9.52	<5	<20	693	<5	0.4	1.34	1.9	78.6	26.9	0.030	5.7	184
48192 (2374826)	<1	9.99	<5	<20	726	<5	0.3	1.49	3.1	78.8	29.2	0.033	5.8	217
48193 (2374827)	<1	10.3	<5	<20	618	<5	2.1	1.82	6.0	79.1	26.2	0.028	5.0	225
48194 (2374828)	<1	9.81	<5	<20	717	<5	0.8	2.01	0.3	77.5	32.5	0.041	7.0	145
48195 C-DUP (2374829)	<1	9.76	<5	<20	695	<5	0.7	2.05	0.4	76.3	30.6	0.038	6.7	147
48196 (2374830)	<1	10.3	<5	<20	813	<5	2.7	1.56	0.5	74.6	28.6	0.034	7.8	139
48197 (2374831)	<1	8.86	<5	<20	833	<5	0.2	1.29	0.2	65.6	28.6	0.034	5.4	73
48198 (2374832)	<1	8.47	<5	<20	712	<5	0.2	1.17	<0.2	65.2	28.2	0.032	4.3	48
48199 (2374833)	<1	8.83	<5	<20	740	<5	0.2	1.15	<0.2	66.2	27.2	0.029	4.8	59
48200 (2374834)	<1	8.37	<5	<20	706	<5	0.2	0.94	<0.2	55.4	22.9	0.030	2.8	25

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736569

PROJECT: 2021 Surimeau DDH Batch 54

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 09, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
48151 (2374785)	1.67	1.10	0.31	8.30	8.73	1.37	1	<1	0.32	<0.2	<0.05	0.6	<10	0.16
48152 (2374786)	2.20	1.18	0.56	1.55	8.51	2.72	<1	2	0.37	<0.2	1.51	14.8	17	0.18
48153 (2374787)	1.64	1.06	0.46	8.01	8.23	1.30	1	<1	0.33	<0.2	0.98	0.7	54	0.16
48154 (2374788)	1.68	1.03	0.38	7.78	7.96	1.32	2	<1	0.30	<0.2	0.21	0.8	12	0.14
48155 (2374789)	1.25	0.80	0.20	7.31	7.81	0.94	2	<1	0.18	<0.2	<0.05	0.4	<10	0.08
48156 (2374790)	1.17	0.76	0.20	7.29	6.86	0.95	2	<1	0.19	<0.2	<0.05	0.4	<10	0.11
48157 (2374791)	1.40	0.81	0.23	6.95	6.65	1.06	1	<1	0.23	<0.2	<0.05	0.6	<10	0.12
48158 (2374792)	1.60	0.92	0.23	7.64	8.20	1.56	2	<1	0.29	<0.2	0.29	3.9	13	0.13
48159 (2374793)	1.27	0.71	0.24	6.64	7.05	0.94	2	<1	0.20	<0.2	<0.05	0.9	<10	0.14
48160 (2374794)	1.08	0.71	0.18	6.98	7.13	0.93	2	<1	0.20	<0.2	<0.05	0.8	<10	0.12
48161 (2374795)	1.48	0.92	0.25	8.38	9.96	1.39	2	<1	0.25	<0.2	<0.05	2.9	<10	0.13
48162 C-DUP (2374796)	1.43	1.04	0.22	8.38	9.73	1.31	2	<1	0.27	<0.2	<0.05	2.2	<10	0.11
48163 (2374797)	1.63	0.93	0.23	7.98	8.10	1.09	1	<1	0.30	<0.2	<0.05	0.6	<10	0.12
48164 (2374798)	1.54	0.91	0.26	7.80	7.98	1.08	2	<1	0.25	<0.2	<0.05	0.5	<10	0.12
48165 (2374799)	1.47	0.92	0.27	7.78	8.37	1.16	2	<1	0.24	<0.2	<0.05	0.5	<10	0.10
48166 (2374800)	1.81	1.06	0.62	7.85	9.75	1.71	2	<1	0.33	<0.2	0.75	5.1	33	0.14
48167 (2374801)	1.40	0.94	0.32	7.45	7.21	1.17	2	<1	0.27	<0.2	0.14	0.8	<10	0.14
48168 (2374802)	1.09	0.68	0.12	7.08	7.01	0.84	2	<1	0.19	<0.2	<0.05	0.4	<10	0.10
48169 (2374803)	1.14	0.76	0.15	6.81	7.39	0.87	1	<1	0.19	<0.2	<0.05	0.5	<10	0.09
48170 (2374804)	1.66	0.86	0.26	6.73	5.80	1.17	2	<1	0.28	<0.2	<0.05	0.7	<10	0.12
48171 (2374805)	1.80	1.07	0.24	7.79	7.17	1.35	2	<1	0.35	<0.2	<0.05	0.8	<10	0.15
48172 (2374806)	2.27	1.42	0.72	1.49	7.61	2.88	1	3	0.38	<0.2	1.84	20.0	24	0.17
48173 (2374807)	1.32	0.82	0.19	7.48	7.30	1.01	2	<1	0.23	<0.2	<0.05	0.6	<10	0.11
48174 (2374808)	1.31	0.77	0.20	7.71	7.23	1.01	2	<1	0.24	<0.2	<0.05	0.5	<10	0.09
48175 (2374809)	1.22	0.77	0.16	7.35	8.33	0.98	2	<1	0.22	<0.2	<0.05	0.4	<10	0.14
48176 (2374810)	1.38	0.90	0.17	7.43	7.44	1.16	3	<1	0.24	<0.2	<0.05	0.6	<10	0.10
48177 (2374811)	1.88	1.38	0.47	7.56	7.12	1.67	3	<1	0.38	<0.2	0.47	0.8	11	0.27
48178 (2374812)	3.32	1.86	1.61	7.22	18.6	4.30	2	2	0.57	<0.2	2.32	20.3	101	0.26
48179 (2374813)	2.46	1.54	0.77	8.60	14.5	2.35	1	1	0.49	<0.2	1.80	5.4	94	0.22
48180 (2374814)	2.73	1.37	1.75	4.51	19.4	4.42	1	4	0.49	0.5	0.69	35.6	25	0.19
48181 (2374815)	3.87	1.87	1.89	6.56	21.0	5.69	2	3	0.66	<0.2	1.52	36.2	28	0.27
48182 (2374816)	4.05	2.22	1.82	7.51	21.5	5.54	3	3	0.73	<0.2	2.06	30.2	42	0.33

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736569

PROJECT: 2021 Surimeau DDH Batch 54

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 09, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
48183 (2374817)	3.81	1.93	2.02	6.44	33.7	5.63	3	4	0.69	<0.2	1.32	43.4	27	0.30
48184 (2374818)	5.20	3.11	2.30	8.29	20.9	5.86	2	4	1.02	0.7	0.88	33.8	17	0.55
48185 (2374819)	3.83	2.20	2.45	6.88	23.3	5.00	1	4	0.72	0.9	0.55	34.1	<10	0.32
48186 (2374820)	3.87	2.12	1.55	5.46	30.2	5.10	2	4	0.66	<0.2	2.88	37.0	35	0.30
48187 (2374821)	3.57	2.04	1.50	5.20	29.1	4.74	2	4	0.67	<0.2	3.44	34.6	63	0.28
48188 (2374822)	2.92	1.68	1.42	4.70	25.2	4.00	2	4	0.53	<0.2	2.57	33.4	67	0.22
48189 (2374823)	2.95	1.58	1.13	4.09	22.8	3.99	1	4	0.53	<0.2	2.17	31.8	55	0.23
48190 (2374824)	2.78	1.67	1.13	3.79	21.2	3.58	2	4	0.51	<0.2	1.90	29.3	49	0.21
48191 (2374825)	3.38	1.72	1.59	4.27	24.8	4.54	2	4	0.56	<0.2	1.75	37.9	38	0.25
48192 (2374826)	3.58	1.80	1.49	4.54	25.5	4.61	2	5	0.62	<0.2	1.87	37.6	40	0.27
48193 (2374827)	3.03	1.69	1.53	4.44	23.2	4.59	2	4	0.54	<0.2	1.40	38.2	29	0.22
48194 (2374828)	3.54	2.07	1.65	4.74	24.1	5.11	2	5	0.67	<0.2	1.66	38.5	32	0.27
48195 C-DUP (2374829)	3.69	2.00	1.58	4.68	22.3	4.84	2	4	0.61	<0.2	1.62	36.6	32	0.26
48196 (2374830)	3.58	1.86	1.47	4.45	25.3	4.62	2	5	0.60	<0.2	2.09	35.8	40	0.26
48197 (2374831)	2.91	1.72	1.27	4.41	23.6	4.32	2	4	0.54	<0.2	2.38	32.0	55	0.24
48198 (2374832)	2.97	1.64	1.21	4.42	25.5	4.34	2	4	0.54	<0.2	2.15	31.0	55	0.24
48199 (2374833)	3.19	1.63	1.29	4.05	24.0	3.96	2	4	0.55	<0.2	2.38	32.1	53	0.25
48200 (2374834)	2.70	1.64	1.22	3.90	22.9	3.72	2	4	0.47	<0.2	1.99	27.0	47	0.22

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736569

PROJECT: 2021 Surimeau DDH Batch 54

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 09, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
48151 (2374785)	15.6	1440	<2	<1	1.9	1060	0.02	<5	0.29	<0.2	0.21	<0.1	30	20.1
48152 (2374786)	5.70	841	<2	3	15.6	27	0.04	6	3.81	29.7	0.31	0.1	6	18.4
48153 (2374787)	13.7	1640	<2	<1	2.1	938	<0.01	<5	0.31	42.9	0.18	0.1	29	19.3
48154 (2374788)	15.2	1590	<2	<1	2.0	870	<0.01	<5	0.30	6.6	0.19	<0.1	27	19.7
48155 (2374789)	16.6	1300	<2	<1	1.2	1490	<0.01	<5	0.19	<0.2	0.31	0.1	24	20.9
48156 (2374790)	16.3	1300	<2	<1	1.5	1410	<0.01	<5	0.21	<0.2	0.29	<0.1	24	20.6
48157 (2374791)	16.3	1420	<2	<1	1.6	1290	<0.01	<5	0.26	<0.2	0.24	0.2	23	20.6
48158 (2374792)	16.5	1190	<2	<1	5.6	1270	0.03	<5	1.09	10.1	0.40	<0.1	27	21.2
48159 (2374793)	16.0	1370	<2	<1	1.8	1220	<0.01	<5	0.35	<0.2	0.33	<0.1	21	20.4
48160 (2374794)	16.7	1320	<2	<1	1.8	1460	<0.01	<5	0.28	<0.2	0.27	<0.1	22	21.2
48161 (2374795)	17.1	1260	<2	<1	4.3	1180	0.01	<5	0.88	<0.2	0.40	<0.1	30	21.8
48162 C-DUP (2374796)	17.1	1260	<2	<1	3.5	1190	0.02	<5	0.73	<0.2	0.39	<0.1	31	21.9
48163 (2374797)	16.1	1470	<2	<1	1.8	1200	<0.01	<5	0.26	<0.2	0.45	<0.1	29	22.5
48164 (2374798)	16.5	1340	<2	<1	1.8	1230	<0.01	<5	0.32	<0.2	0.49	0.1	27	23.8
48165 (2374799)	16.7	1310	<2	<1	1.9	1210	0.02	<5	0.28	<0.2	0.49	0.2	27	23.6
48166 (2374800)	13.8	1760	<2	1	6.7	1160	0.03	<5	1.48	27.3	0.42	0.1	29	21.7
48167 (2374801)	15.4	1600	<2	<1	2.1	1070	0.01	<5	0.31	3.8	0.60	0.1	27	20.0
48168 (2374802)	16.9	1300	<2	<1	1.2	1420	<0.01	<5	0.17	<0.2	0.30	<0.1	23	21.7
48169 (2374803)	16.6	1240	<2	<1	1.2	1470	<0.01	<5	0.15	<0.2	0.20	<0.1	22	20.1
48170 (2374804)	17.1	1470	<2	<1	2.1	1500	<0.01	<5	0.27	<0.2	0.29	<0.1	19	21.3
48171 (2374805)	17.5	1410	<2	<1	2.1	1290	<0.01	<5	0.36	<0.2	0.52	<0.1	27	19.5
48172 (2374806)	4.34	599	<2	4	17.2	27	0.03	5	4.44	41.8	0.25	<0.1	<5	26.9
48173 (2374807)	17.6	1440	<2	<1	1.7	1520	<0.01	<5	0.23	<0.2	0.54	<0.1	23	21.0
48174 (2374808)	17.9	1430	<2	<1	1.6	1410	<0.01	<5	0.23	<0.2	0.68	<0.1	25	21.5
48175 (2374809)	17.0	1430	<2	<1	1.4	1380	<0.01	<5	0.21	<0.2	0.71	<0.1	24	22.0
48176 (2374810)	15.9	1350	<2	<1	1.7	1420	0.01	<5	0.27	<0.2	1.22	<0.1	23	22.9
48177 (2374811)	16.4	1460	<2	<1	2.9	1290	0.01	<5	0.38	16.8	1.35	<0.1	24	23.9
48178 (2374812)	10.8	1590	7	3	25.6	766	0.13	17	5.92	103	0.38	<0.1	30	22.7
48179 (2374813)	8.41	2270	27	1	7.1	789	0.05	43	1.49	67.6	2.25	<0.1	39	21.5
48180 (2374814)	3.55	1090	87	8	36.3	508	0.09	46	9.14	25.5	1.97	<0.1	18	25.6
48181 (2374815)	4.56	1360	2	4	37.8	91	0.21	25	9.21	52.6	1.99	<0.1	27	25.2
48182 (2374816)	5.29	1580	4	4	34.1	95	0.15	20	7.82	86.8	1.21	<0.1	36	24.5

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736569

PROJECT: 2021 Surimeau DDH Batch 54

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 09, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
48183 (2374817)	4.72	937	2	8	43.3	385	0.17	20	11.0	66.6	2.65	<0.1	26	26.7
48184 (2374818)	3.32	1140	43	7	36.5	209	0.12	19	8.72	28.1	3.91	<0.1	31	27.0
48185 (2374819)	1.12	624	55	9	32.4	244	0.08	24	8.49	11.8	4.11	<0.1	22	28.2
48186 (2374820)	2.01	566	2	7	35.4	150	0.07	23	8.96	116	3.03	<0.1	26	26.6
48187 (2374821)	2.64	682	4	8	32.4	132	0.07	16	8.21	142	0.77	<0.1	25	27.4
48188 (2374822)	2.29	540	2	8	30.5	121	0.06	16	7.85	96.5	0.45	<0.1	20	29.2
48189 (2374823)	2.14	478	<2	6	29.1	84	0.07	10	7.31	76.3	0.23	<0.1	16	29.7
48190 (2374824)	1.86	441	3	6	26.7	94	0.07	7	6.79	74.0	0.22	<0.1	16	28.4
48191 (2374825)	2.17	502	7	6	34.9	104	0.09	15	9.10	71.6	0.44	<0.1	18	27.3
48192 (2374826)	2.24	522	6	7	35.6	102	0.10	15	9.21	78.5	0.48	<0.1	18	28.7
48193 (2374827)	2.25	486	14	5	35.7	91	0.08	20	8.99	57.1	0.82	<0.1	17	27.5
48194 (2374828)	2.65	692	8	6	36.7	135	0.15	20	8.79	68.7	0.60	<0.1	21	27.1
48195 C-DUP (2374829)	2.68	691	9	5	35.0	134	0.14	19	8.83	67.1	0.61	<0.1	21	26.9
48196 (2374830)	2.33	519	20	6	34.4	116	0.06	23	8.87	88.6	0.62	<0.1	19	26.6
48197 (2374831)	2.29	585	7	7	30.0	118	0.08	14	7.84	91.8	0.26	<0.1	18	29.1
48198 (2374832)	2.77	570	<2	6	29.9	94	0.08	14	7.57	88.9	0.25	<0.1	20	27.4
48199 (2374833)	2.15	462	<2	6	29.7	104	0.06	12	7.48	92.9	0.22	<0.1	18	28.9
48200 (2374834)	2.22	431	<2	6	25.8	89	0.07	10	6.52	72.6	0.26	<0.1	16	28.4

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736569

PROJECT: 2021 Surimeau DDH Batch 54

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 09, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
48151 (2374785)	1.0	<1	68.3	<0.5	0.25	0.1	0.26	<0.5	0.14	<0.05	185	<1	9.6	1.0
48152 (2374786)	3.3	<1	221	<0.5	0.36	2.7	0.13	<0.5	0.16	1.21	33	<1	11.8	1.2
48153 (2374787)	0.9	<1	112	<0.5	0.26	<0.1	0.24	<0.5	0.15	<0.05	183	<1	9.4	1.1
48154 (2374788)	0.9	<1	108	<0.5	0.24	<0.1	0.23	<0.5	0.16	<0.05	166	<1	9.9	1.0
48155 (2374789)	0.6	<1	65.2	<0.5	0.18	<0.1	0.19	<0.5	0.10	<0.05	140	<1	6.4	0.7
48156 (2374790)	0.8	<1	87.5	<0.5	0.17	<0.1	0.19	<0.5	0.10	<0.05	147	<1	7.2	0.7
48157 (2374791)	0.7	<1	122	<0.5	0.21	<0.1	0.18	<0.5	0.12	<0.05	127	<1	7.6	0.8
48158 (2374792)	1.4	<1	48.2	<0.5	0.25	0.4	0.25	<0.5	0.11	0.15	174	<1	7.9	0.9
48159 (2374793)	0.6	<1	106	<0.5	0.19	<0.1	0.18	<0.5	0.10	0.06	123	<1	6.7	0.7
48160 (2374794)	0.6	<1	75.7	<0.5	0.15	<0.1	0.18	<0.5	0.10	<0.05	123	<1	6.2	0.7
48161 (2374795)	1.0	<1	34.5	<0.5	0.22	0.5	0.27	<0.5	0.11	0.06	204	<1	8.6	0.9
48162 C-DUP (2374796)	1.1	<1	35.9	<0.5	0.20	0.3	0.28	<0.5	0.11	0.06	206	<1	7.9	0.8
48163 (2374797)	0.8	<1	48.7	<0.5	0.23	<0.1	0.22	<0.5	0.13	<0.05	160	<1	8.7	1.0
48164 (2374798)	0.7	<1	32.6	<0.5	0.22	<0.1	0.23	<0.5	0.12	0.05	159	<1	7.7	0.8
48165 (2374799)	0.7	<1	32.0	<0.5	0.20	<0.1	0.23	<0.5	0.13	0.07	160	<1	8.1	0.8
48166 (2374800)	1.8	1	137	<0.5	0.29	0.7	0.28	<0.5	0.15	0.23	179	<1	9.6	1.0
48167 (2374801)	0.8	<1	116	<0.5	0.19	<0.1	0.21	<0.5	0.12	<0.05	156	<1	8.8	0.9
48168 (2374802)	0.6	<1	67.8	<0.5	0.15	<0.1	0.18	<0.5	0.10	<0.05	137	<1	6.0	0.6
48169 (2374803)	0.6	<1	94.1	<0.5	0.14	<0.1	0.17	<0.5	0.10	<0.05	135	<1	6.0	0.6
48170 (2374804)	1.0	<1	151	<0.5	0.22	<0.1	0.14	<0.5	0.12	<0.05	103	<1	9.0	0.8
48171 (2374805)	1.0	<1	125	<0.5	0.24	<0.1	0.22	<0.5	0.14	<0.05	163	<1	9.7	1.0
48172 (2374806)	3.2	<1	127	<0.5	0.41	3.5	0.18	<0.5	0.18	0.90	30	<1	12.4	1.2
48173 (2374807)	0.6	<1	109	<0.5	0.20	<0.1	0.19	<0.5	0.11	<0.05	144	<1	7.5	0.8
48174 (2374808)	0.7	<1	93.4	<0.5	0.15	<0.1	0.21	<0.5	0.12	<0.05	153	<1	7.3	0.8
48175 (2374809)	0.8	<1	62.7	<0.5	0.17	<0.1	0.20	<0.5	0.11	<0.05	150	<1	7.2	0.7
48176 (2374810)	0.8	<1	38.4	<0.5	0.21	<0.1	0.18	<0.5	0.14	<0.05	138	<1	7.7	0.8
48177 (2374811)	1.9	<1	36.5	<0.5	0.33	<0.1	0.20	<0.5	0.20	0.14	149	<1	9.5	1.2
48178 (2374812)	5.3	3	341	<0.5	0.60	3.2	0.37	1.2	0.24	0.91	223	<1	17.1	1.7
48179 (2374813)	2.1	3	454	<0.5	0.40	0.9	0.37	0.8	0.22	0.32	255	<1	14.2	1.6
48180 (2374814)	6.7	4	994	<0.5	0.50	5.4	0.43	<0.5	0.20	1.40	130	<1	14.5	1.3
48181 (2374815)	7.2	3	836	<0.5	0.72	5.5	0.52	0.8	0.25	1.60	210	<1	18.6	1.7
48182 (2374816)	6.7	3	786	<0.5	0.72	5.2	0.53	1.4	0.30	1.44	252	<1	21.8	2.3

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736569

PROJECT: 2021 Surimeau DDH Batch 54

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 09, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
48183 (2374817)	7.5	5	652	<0.5	0.72	7.2	0.37	1.4	0.25	8.58	154	<1	19.1	1.9
48184 (2374818)	6.8	4	551	<0.5	0.86	7.6	0.43	<0.5	0.46	2.29	211	<1	28.6	3.1
48185 (2374819)	6.4	5	334	<0.5	0.67	9.1	0.35	<0.5	0.31	2.87	151	<1	19.8	2.2
48186 (2374820)	6.5	3	166	<0.5	0.68	8.3	0.45	2.4	0.29	2.49	181	<1	19.7	2.0
48187 (2374821)	5.7	2	258	<0.5	0.63	8.3	0.46	1.9	0.28	2.64	170	<1	18.8	1.9
48188 (2374822)	5.2	2	276	<0.5	0.55	8.3	0.42	0.6	0.22	2.58	139	<1	15.3	1.5
48189 (2374823)	5.1	<1	239	<0.5	0.55	8.9	0.37	<0.5	0.23	2.75	121	<1	16.1	1.6
48190 (2374824)	4.6	<1	264	<0.5	0.46	7.6	0.36	<0.5	0.22	2.32	118	<1	14.5	1.5
48191 (2374825)	6.2	1	352	<0.5	0.57	8.6	0.40	<0.5	0.23	2.62	128	<1	16.6	1.6
48192 (2374826)	6.5	1	373	<0.5	0.65	9.3	0.43	<0.5	0.26	2.91	129	<1	18.7	1.8
48193 (2374827)	5.7	1	518	<0.5	0.61	8.6	0.43	<0.5	0.22	2.59	108	<1	16.4	1.6
48194 (2374828)	6.1	1	516	<0.5	0.67	8.6	0.44	<0.5	0.27	2.62	124	<1	18.8	1.9
48195 C-DUP (2374829)	6.6	1	511	<0.5	0.66	8.2	0.43	<0.5	0.26	2.56	124	<1	18.5	1.9
48196 (2374830)	5.8	2	374	<0.5	0.61	9.3	0.41	<0.5	0.26	2.90	130	<1	18.3	1.8
48197 (2374831)	5.3	1	267	<0.5	0.56	7.9	0.40	<0.5	0.21	2.48	133	<1	16.2	1.6
48198 (2374832)	5.6	1	246	<0.5	0.57	7.7	0.39	<0.5	0.22	2.40	140	<1	16.1	1.6
48199 (2374833)	5.4	1	270	<0.5	0.56	7.5	0.38	<0.5	0.24	2.40	130	<1	15.8	1.6
48200 (2374834)	4.8	<1	250	<0.5	0.51	7.3	0.37	<0.5	0.19	2.38	118	<1	14.3	1.4

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736569

PROJECT: 2021 Surimeau DDH Batch 54

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 09, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
48151 (2374785)	73	23.9
48152 (2374786)	36	90.5
48153 (2374787)	69	17.5
48154 (2374788)	73	16.6
48155 (2374789)	59	15.1
48156 (2374790)	56	14.7
48157 (2374791)	61	14.9
48158 (2374792)	78	22.2
48159 (2374793)	63	14.3
48160 (2374794)	64	15.5
48161 (2374795)	69	29.6
48162 C-DUP (2374796)	68	29.4
48163 (2374797)	66	18.0
48164 (2374798)	79	17.4
48165 (2374799)	63	18.5
48166 (2374800)	89	29.5
48167 (2374801)	62	16.7
48168 (2374802)	63	13.9
48169 (2374803)	59	14.0
48170 (2374804)	55	13.1
48171 (2374805)	60	16.8
48172 (2374806)	32	121
48173 (2374807)	63	17.3
48174 (2374808)	57	20.7
48175 (2374809)	68	16.8
48176 (2374810)	68	13.4
48177 (2374811)	81	13.7
48178 (2374812)	201	69.6
48179 (2374813)	298	37.3
48180 (2374814)	1880	137
48181 (2374815)	342	115
48182 (2374816)	300	105

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736569

PROJECT: 2021 Surimeau DDH Batch 54

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 09, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
48183 (2374817)	773	143
48184 (2374818)	3980	135
48185 (2374819)	5010	143
48186 (2374820)	112	129
48187 (2374821)	153	135
48188 (2374822)	408	139
48189 (2374823)	345	162
48190 (2374824)	468	143
48191 (2374825)	384	154
48192 (2374826)	517	175
48193 (2374827)	823	167
48194 (2374828)	322	174
48195 C-DUP (2374829)	317	159
48196 (2374830)	292	166
48197 (2374831)	162	148
48198 (2374832)	107	142
48199 (2374833)	101	151
48200 (2374834)	64	139

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736569

PROJECT: 2021 Surimeau DDH Batch 54

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 09, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
48151 (2374785)	77.30
48170 (2374804)	80.88
48190 (2374824)	83.35

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736569

PROJECT: 2021 Surimeau DDH Batch 54

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 09, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
48151 (2374785)	89.1
48171 (2374805)	85.0
48191 (2374825)	85.0

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O736569

PROJECT: 2021 Surimeau DDH Batch 54

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2374785	< 1	< 1	0.0%	2374799	< 1	< 1	0.0%	2374810	< 1	< 1	0.0%	2374825	< 1	< 1	0.0%
Al	2374785	4.34	4.26	1.9%	2374799	3.98	3.93	1.3%	2374810	3.16	3.18	0.6%	2374825	9.52	9.74	2.3%
As	2374785	< 5	< 5	0.0%	2374799	< 5	< 5	0.0%	2374810	< 5	< 5	0.0%	2374825	< 5	< 5	0.0%
B	2374785	< 20	< 20	0.0%	2374799	< 20	< 20	0.0%	2374810	< 20	< 20	0.0%	2374825	< 20	< 20	0.0%
Ba	2374785	2.3	3.0	26.4%	2374799	0.9	1.1	20.0%	2374810	2.18	2.10	3.7%	2374825	693	703	1.4%
Be	2374785	< 5	< 5	0.0%	2374799	< 5	< 5	0.0%	2374810	< 5	< 5	0.0%	2374825	< 5	< 5	0.0%
Bi	2374785	0.2	0.1		2374799	0.3	0.3	0.0%	2374810	0.5	0.5	0.0%	2374825	0.4	0.4	0.0%
Ca	2374785	5.71	5.51	3.6%	2374799	6.14	5.94	3.3%	2374810	5.71	5.55	2.8%	2374825	1.34	1.38	2.9%
Cd	2374785	< 0.2	< 0.2	0.0%	2374799	< 0.2	< 0.2	0.0%	2374810	< 0.2	< 0.2	0.0%	2374825	1.9	1.8	5.4%
Ce	2374785	1.86	1.55	18.2%	2374799	1.83	1.74	5.0%	2374810	1.7	1.7	0.0%	2374825	78.6	78.8	0.3%
Co	2374785	109	103	5.7%	2374799	103	101	2.0%	2374810	102	104	1.9%	2374825	26.9	27.7	2.9%
Cr	2374785	0.282	0.275	2.5%	2374799	0.256	0.253	1.2%	2374810	0.230	0.230	0.0%	2374825	0.030	0.030	0.0%
Cs	2374785	0.32	0.37	14.5%	2374799	0.4	0.4	0.0%	2374810	0.3	0.3	0.0%	2374825	5.7	5.9	3.4%
Cu	2374785	25	22	12.8%	2374799	70	73	4.2%	2374810	83	79	4.9%	2374825	184	183	0.5%
Dy	2374785	1.67	1.65	1.2%	2374799	1.47	1.30	12.3%	2374810	1.38	1.40	1.4%	2374825	3.38	3.11	8.3%
Er	2374785	1.10	1.10	0.0%	2374799	0.920	0.893	3.0%	2374810	0.90	0.93	3.3%	2374825	1.72	1.88	8.9%
Eu	2374785	0.31	0.31	0.0%	2374799	0.272	0.242	11.7%	2374810	0.17	0.18	5.7%	2374825	1.59	1.58	0.6%
Fe	2374785	8.30	8.10	2.4%	2374799	7.78	7.54	3.1%	2374810	7.43	7.30	1.8%	2374825	4.27	4.36	2.1%
Ga	2374785	8.73	9.10	4.2%	2374799	8.37	9.12	8.6%	2374810	7.44	6.77	9.4%	2374825	24.8	25.8	4.0%
Gd	2374785	1.37	1.30	5.2%	2374799	1.16	1.06	9.0%	2374810	1.16	1.03	11.9%	2374825	4.54	4.88	7.2%
Ge	2374785	1	1	0.0%	2374799	2	2	0.0%	2374810	3	3	0.0%	2374825	2	2	0.0%
Hf	2374785	< 1	< 1	0.0%	2374799	< 1	< 1	0.0%	2374810	< 1	< 1	0.0%	2374825	4	5	22.2%
Ho	2374785	0.32	0.31	3.2%	2374799	0.239	0.248	3.7%	2374810	0.241	0.251	4.1%	2374825	0.56	0.57	1.8%
In	2374785	< 0.2	< 0.2	0.0%	2374799	< 0.2	< 0.2	0.0%	2374810	< 0.2	< 0.2	0.0%	2374825	< 0.2	< 0.2	0.0%
K	2374785	< 0.05	< 0.05	0.0%	2374799	< 0.05	< 0.05	0.0%	2374810	< 0.05	< 0.05	0.0%	2374825	1.75	1.82	3.9%
La	2374785	0.57	0.50	13.1%	2374799	0.5	0.5	0.0%	2374810	0.6	0.6	0.0%	2374825	37.9	38.5	1.6%
Li	2374785	< 10	< 10	0.0%	2374799	< 10	< 10	0.0%	2374810	< 10	< 10	0.0%	2374825	38	39	2.6%
Lu	2374785	0.160	0.132	19.2%	2374799	0.10	0.10	0.0%	2374810	0.103	0.132	24.7%	2374825	0.250	0.241	3.7%
Mg	2374785	15.6	15.4	1.3%	2374799	16.7	15.8	5.5%	2374810	15.9	16.3	2.5%	2374825	2.17	2.20	1.4%
Mn	2374785	1440	1400	2.8%	2374799	1310	1270	3.1%	2374810	1350	1350	0.0%	2374825	502	506	0.8%
Mo	2374785	< 2	< 2	0.0%	2374799	< 2	< 2	0.0%	2374810	< 2	< 2	0.0%	2374825	7	6	15.4%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2374785	< 1	< 1	0.0%	2374799	< 1	< 1	0.0%	2374810	< 1	< 1	0.0%	2374825	6	6	0.0%
Nd	2374785	1.92	1.75	9.3%	2374799	1.9	1.8	5.4%	2374810	1.67	1.51	10.1%	2374825	34.9	35.2	0.9%
Ni	2374785	1060	1020	3.8%	2374799	1210	1190	1.7%	2374810	1420	1380	2.9%	2374825	104	113	8.3%
P	2374785	0.02	0.01		2374799	0.02	< 0.01		2374810	0.01	0.02		2374825	0.09	0.10	10.5%
Pb	2374785	< 5	< 5	0.0%	2374799	< 5	< 5	0.0%	2374810	< 5	< 5	0.0%	2374825	15	15	0.0%
Pr	2374785	0.285	0.240	17.1%	2374799	0.281	0.291	3.5%	2374810	0.27	0.25	7.7%	2374825	9.10	9.09	0.1%
Rb	2374785	< 0.2	< 0.2	0.0%	2374799	< 0.2	< 0.2	0.0%	2374810	< 0.2	< 0.2	0.0%	2374825	71.6	75.4	5.2%
S	2374785	0.207	0.188	9.6%	2374799	0.486	0.454	6.8%	2374810	1.22	1.15	5.9%	2374825	0.440	0.459	4.2%
Sb	2374785	< 0.1	0.1		2374799	0.2	< 0.1		2374810	< 0.1	< 0.1	0.0%	2374825	< 0.1	< 0.1	0.0%
Sc	2374785	30	30	0.0%	2374799	27	26	3.8%	2374810	23	23	0.0%	2374825	18	18	0.0%
Si	2374785	20.1	19.5	3.0%	2374799	23.6	22.7	3.9%	2374810	22.9	22.9	0.0%	2374825	27.3	27.9	2.2%
Sm	2374785	1.0	0.9	10.5%	2374799	0.72	0.63	13.3%	2374810	0.8	0.7	13.3%	2374825	6.17	6.01	2.6%
Sn	2374785	< 1	< 1	0.0%	2374799	< 1	< 1	0.0%	2374810	< 1	< 1	0.0%	2374825	1	1	0.0%
Sr	2374785	68.3	64.2	6.2%	2374799	32.0	30.3	5.5%	2374810	38.4	37.8	1.6%	2374825	352	354	0.6%
Ta	2374785	< 0.5	< 0.5	0.0%	2374799	< 0.5	< 0.5	0.0%	2374810	< 0.5	< 0.5	0.0%	2374825	< 0.5	< 0.5	0.0%
Tb	2374785	0.25	0.25	0.0%	2374799	0.20	0.20	0.0%	2374810	0.21	0.20	4.9%	2374825	0.57	0.64	11.6%
Th	2374785	0.1	< 0.1		2374799	< 0.1	< 0.1	0.0%	2374810	< 0.1	< 0.1	0.0%	2374825	8.65	8.91	3.0%
Ti	2374785	0.255	0.249	2.4%	2374799	0.226	0.225	0.4%	2374810	0.18	0.18	0.0%	2374825	0.403	0.406	0.7%
Tl	2374785	< 0.5	< 0.5	0.0%	2374799	< 0.5	< 0.5	0.0%	2374810	< 0.5	< 0.5	0.0%	2374825	< 0.5	< 0.5	0.0%
Tm	2374785	0.144	0.147	2.1%	2374799	0.128	0.119	7.3%	2374810	0.14	0.14	0.0%	2374825	0.23	0.23	0.0%
U	2374785	< 0.05	< 0.05	0.0%	2374799	0.066	0.063	4.7%	2374810	< 0.05	< 0.05	0.0%	2374825	2.62	2.84	8.1%
V	2374785	185	179	3.3%	2374799	160	151	5.8%	2374810	138	139	0.7%	2374825	128	132	3.1%
W	2374785	< 1	< 1	0.0%	2374799	< 1	< 1	0.0%	2374810	< 1	< 1	0.0%	2374825	< 1	< 1	0.0%
Y	2374785	9.59	9.11	5.1%	2374799	8.1	7.8	3.8%	2374810	7.7	7.7	0.0%	2374825	16.6	17.0	2.4%
Yb	2374785	1.0	1.0	0.0%	2374799	0.8	0.8	0.0%	2374810	0.8	0.8	0.0%	2374825	1.6	1.7	6.1%
Zn	2374785	73	74	1.4%	2374799	63	69	9.1%	2374810	68	56	19.4%	2374825	384	391	1.8%
Zr	2374785	23.9	25.7	7.3%	2374799	18.5	19.4	4.7%	2374810	13.4	14.5	7.9%	2374825	154	164	6.3%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O736569

PROJECT: 2021 Surimeau DDH Batch 54

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.49	100%	90% - 110%					6.94	7.4	107%	90% - 110%	13.0	13.6	104%	90% - 110%
As	26	25	96%	90% - 110%												
Ba	540	554	103%	90% - 110%									1310	1369	104%	90% - 110%
Be	4.0	3.3	82%	90% - 110%												
Ca	0.907	0.926	102%	90% - 110%					4.01	4.28	107%	90% - 110%	1.42	1.48	104%	90% - 110%
Ce	98	97	99%	90% - 110%	58.2	61.4	105%	90% - 110%								
Co	15	14	92%	90% - 110%												
Cu	150	165	110%	90% - 110%									6.4	6.4	100%	90% - 110%
Er	3.7	4	107%	90% - 110%												
Fe	3.77	3.79	101%	90% - 110%					7.56	7.85	104%	90% - 110%	3.27	3.31	101%	90% - 110%
Ga					22.6	23	102%	90% - 110%								
Hf	11	11	100%	90% - 110%												
K	2.55	2.57	101%	90% - 110%					2.02	2.19	108%	90% - 110%	3.68	4	109%	90% - 110%
La	44	43	97%	90% - 110%	27.5	27.9	101%	90% - 110%								
Li	47	50	106%	90% - 110%									65.0	70.5	108%	90% - 110%
Lu	0.6	0.6	95%	90% - 110%												
Mg	1.1	1.1	102%	90% - 110%					2.41	2.6	108%	90% - 110%				
Mn	780	825	106%	90% - 110%												
Mo	14	13	93%	90% - 110%												
Nb	20	18	90%	90% - 110%	22.6	22.9	101%	90% - 110%								
Nd					27.3	29.8	109%	90% - 110%								
P													0.061	0.067	109%	90% - 110%
Pb	31	31	101%	90% - 110%												
Rb	144	131	91%	90% - 110%	85.4	88.1	103%	90% - 110%								
Sb	0.8	0.7	90%	90% - 110%												
Sc	12	13	107%	90% - 110%												
Si	28.4	28.5	100%	90% - 110%					23.65	25.01	106%	90% - 110%	24.4	25.3	104%	90% - 110%
Sm	7.4	7.5	101%	90% - 110%												
Sr	144	155	108%	90% - 110%									310	336	108%	90% - 110%
Ta	1.9	1.6	85%	90% - 110%												
Tb	1.2	1.1	92%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Th	18.4	17.6	96%	90% - 110%												
Ti	0.527	0.552	105%	90% - 110%									0.222	0.236	106%	90% - 110%
U	5.7	5.5	96%	90% - 110%												
V	77	80	103%	90% - 110%												
W	5	5	101%	90% - 110%												
Y	40	39	97%	90% - 110%	25.3	26.2	104%	90% - 110%								
Yb					2.66	3.15	118%	90% - 110%								
Zn	130	130	100%	90% - 110%									75.4	81.1	107%	90% - 110%
Zr	390	372	95%	90% - 110%	157	162	103%	90% - 110%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O736569

PROJECT: 2021 Surimeau DDH Batch 54

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O736569

PROJECT: 2021 Surimeau DDH Batch 54

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O736569

PROJECT: 2021 Surimeau DDH Batch 54

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 55

AGAT WORK ORDER: 21O736573

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Sep 24, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736573

PROJECT: 2021 Surimeau DDH Batch 55

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
48201 (2374836)	4.75
48202 (2374837)	0.71
48203 (2374838)	4.80
48204 (2374839)	3.02
48205 (2374840)	0.06
48206 (2374841)	4.43
48207 (2374842)	4.47
48208 (2374843)	4.44
48209 (2374844)	4.42
48210 (2374845)	4.95
48211 (2374846)	5.04
48212 C-DUP (2374847)	-
48213 (2374848)	4.61
48214 (2374849)	2.46
48215 (2374850)	2.26
48216 (2374851)	5.15
48217 (2374852)	4.76
48218 (2374853)	4.06
48219 (2374854)	4.83
48220 (2374855)	4.85
48221 (2374856)	2.96
48222 (2374857)	0.80
48223 (2374858)	4.45
48224 (2374859)	4.49
48225 (2374860)	4.50
48226 (2374861)	5.22
48227 (2374862)	4.40
48228 (2374863)	3.11
48229 (2374864)	3.14
48230 (2374865)	3.13
48231 (2374866)	3.43

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736573

PROJECT: 2021 Surimeau DDH Batch 55

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
48232 (2374867)	2.94
48233 (2374868)	4.82
48234 (2374869)	4.91
48235 (2374870)	4.78
48236 (2374871)	4.69
48237 (2374872)	4.38
48238 (2374873)	4.71
48239 (2374874)	4.47
48240 (2374875)	4.83
48241 (2374876)	3.03
48242 (2374877)	2.14
48243 (2374878)	4.75
48244 (2374879)	4.85
48245 C-DUP (2374880)	-
48246 (2374881)	4.57
48247 (2374882)	2.98
48248 (2374883)	4.79
48249 (2374884)	4.99
48250 (2374885)	4.46

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736573

PROJECT: 2021 Surimeau DDH Batch 55

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
48201 (2374836)	<1	8.57	<5	<20	932	<5	0.2	1.04	0.3	57.9	23.9	0.046	3.1	41
48202 (2374837)	1	0.06	<5	<20	16.2	<5	<0.1	35.1	<0.2	0.9	<0.5	<0.005	<0.1	<5
48203 (2374838)	<1	8.79	<5	<20	735	<5	0.2	0.99	0.4	68.5	24.1	0.038	2.8	58
48204 (2374839)	<1	9.17	<5	<20	135	<5	0.1	0.97	<0.2	69.6	18.1	0.038	2.3	153
48205 (2374840)	3	1.04	25	106	59.2	<5	0.7	2.35	0.8	10.6	1160	0.022	0.5	14900
48206 (2374841)	<1	9.16	<5	<20	509	<5	0.1	1.04	<0.2	63.1	25.1	0.045	3.2	61
48207 (2374842)	1	9.20	<5	<20	628	<5	0.2	0.90	<0.2	61.0	24.4	0.051	4.6	43
48208 (2374843)	<1	8.91	<5	<20	589	<5	0.1	1.22	<0.2	55.8	21.7	0.046	4.1	58
48209 (2374844)	<1	8.72	<5	<20	423	<5	0.2	1.12	<0.2	57.1	25.1	0.048	3.2	38
48210 (2374845)	<1	8.94	<5	<20	724	<5	0.2	0.99	0.4	57.0	23.3	0.038	3.7	33
48211 (2374846)	<1	9.08	<5	<20	614	<5	0.3	0.93	<0.2	66.8	23.8	0.045	3.7	42
48212 C-DUP (2374847)	<1	8.98	<5	<20	611	<5	0.3	0.90	<0.2	67.6	24.3	0.045	3.8	42
48213 (2374848)	<1	8.64	<5	<20	569	<5	0.2	1.01	<0.2	58.5	26.3	0.048	4.1	54
48214 (2374849)	<1	9.60	<5	<20	739	<5	0.2	1.53	0.4	65.9	24.2	0.046	5.2	52
48215 (2374850)	<1	9.20	<5	<20	801	<5	0.2	1.29	<0.2	65.1	27.3	0.039	6.3	59
48216 (2374851)	<1	8.77	<5	<20	604	<5	0.1	1.72	<0.2	63.2	25.6	0.051	4.9	60
48217 (2374852)	<1	8.24	<5	<20	452	<5	0.2	2.20	0.3	63.2	22.9	0.043	3.4	49
48218 (2374853)	<1	8.32	<5	<20	380	<5	0.1	0.99	<0.2	56.7	21.4	0.045	4.2	53
48219 (2374854)	<1	8.92	<5	<20	522	<5	0.1	0.89	0.3	56.7	24.1	0.036	4.5	59
48220 (2374855)	<1	9.12	<5	<20	727	<5	0.4	0.94	0.3	57.9	22.4	0.046	15.3	46
48221 (2374856)	<1	9.68	<5	<20	605	<5	0.3	1.09	<0.2	66.2	24.9	0.046	4.9	56
48222 (2374857)	<1	4.81	<5	122	413	<5	<0.1	8.36	<0.2	63.1	9.5	0.028	0.9	9
48223 (2374858)	<1	9.28	<5	<20	527	<5	0.2	1.07	<0.2	58.2	23.5	0.043	3.9	52
48224 (2374859)	<1	8.11	<5	<20	476	<5	0.2	1.07	0.3	60.2	19.1	0.050	3.0	55
48225 (2374860)	<1	9.54	<5	<20	1290	<5	0.1	1.91	<0.2	83.1	23.4	0.036	3.6	61
48226 (2374861)	<1	9.01	<5	<20	828	<5	0.1	1.82	<0.2	59.0	22.8	0.050	4.0	54
48227 (2374862)	<1	8.43	<5	<20	708	<5	0.1	1.53	<0.2	55.9	19.0	0.046	3.3	49
48228 (2374863)	<1	9.39	<5	<20	807	<5	0.1	1.24	0.2	65.6	27.6	0.045	6.4	49
48229 (2374864)	<1	8.83	<5	<20	950	<5	0.2	1.77	<0.2	65.4	20.3	0.037	5.3	53
48230 (2374865)	<1	9.11	<5	<20	962	<5	0.2	1.61	<0.2	56.7	21.8	0.045	5.1	62
48231 (2374866)	<1	10.3	<5	<20	1050	<5	0.2	1.13	<0.2	63.7	23.2	0.041	4.8	42
48232 (2374867)	<1	8.99	<5	<20	641	<5	0.2	1.99	<0.2	58.9	20.9	0.053	5.3	48

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736573

PROJECT: 2021 Surimeau DDH Batch 55

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
48233 (2374868)	<1	8.81	<5	<20	861	<5	0.2	1.67	<0.2	64.0	22.1	0.043	4.8	56
48234 (2374869)	<1	8.97	<5	<20	766	<5	0.2	1.44	<0.2	57.5	23.4	0.043	5.0	77
48235 (2374870)	<1	9.64	<5	<20	792	<5	0.1	1.74	<0.2	65.0	23.4	0.038	4.9	53
48236 (2374871)	<1	8.98	<5	<20	952	<5	0.2	1.87	<0.2	68.0	21.9	0.042	3.6	49
48237 (2374872)	<1	9.01	<5	<20	865	<5	0.3	1.89	<0.2	66.4	23.8	0.028	4.2	46
48238 (2374873)	<1	9.51	<5	<20	762	<5	0.3	1.35	0.2	65.3	24.0	0.045	4.1	51
48239 (2374874)	<1	8.88	<5	<20	721	<5	0.1	1.20	<0.2	60.6	22.7	0.027	3.1	52
48240 (2374875)	<1	8.60	<5	<20	295	<5	0.1	0.72	<0.2	58.5	22.4	0.041	3.9	56
48241 (2374876)	<1	8.38	<5	<20	672	<5	0.2	1.08	<0.2	70.2	24.5	0.032	3.0	88
48242 (2374877)	<1	8.13	<5	<20	688	<5	0.2	1.12	<0.2	66.2	23.2	0.042	2.9	71
48243 (2374878)	<1	8.15	<5	<20	607	<5	0.1	1.18	<0.2	56.9	19.4	0.035	2.3	48
48244 (2374879)	<1	8.85	<5	<20	870	<5	0.1	1.27	<0.2	57.6	23.1	0.041	3.0	44
48245 C-DUP (2374880)	<1	8.64	<5	<20	779	<5	0.1	1.24	<0.2	57.9	21.2	0.040	3.1	47
48246 (2374881)	<1	9.57	<5	<20	790	<5	0.2	1.19	0.2	61.3	23.5	0.040	3.4	59
48247 (2374882)	<1	9.18	<5	<20	719	<5	0.2	1.07	<0.2	64.6	22.5	0.041	4.1	66
48248 (2374883)	<1	8.81	<5	<20	553	<5	0.2	1.23	0.4	62.1	23.2	0.040	3.5	44
48249 (2374884)	<1	9.58	<5	<20	644	<5	0.1	1.20	0.5	62.1	22.5	0.038	3.9	62
48250 (2374885)	<1	8.11	<5	<20	577	<5	0.3	1.19	0.9	56.2	19.0	0.034	3.1	49

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736573

PROJECT: 2021 Surimeau DDH Batch 55

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
48201 (2374836)	2.47	1.34	1.01	4.60	19.5	3.49	2	3	0.45	<0.2	2.64	28.4	51	0.18
48202 (2374837)	0.18	0.12	<0.05	0.09	0.07	0.12	1	<1	<0.05	<0.2	<0.05	1.0	<10	<0.05
48203 (2374838)	2.92	1.62	1.27	4.51	22.0	4.38	2	4	0.57	<0.2	2.06	33.8	46	0.21
48204 (2374839)	4.30	2.30	1.52	3.62	24.3	5.35	1	3	0.84	<0.2	0.90	33.1	28	0.29
48205 (2374840)	1.07	0.52	0.29	33.7	3.28	0.98	<1	<1	0.18	<0.2	0.14	5.7	<10	0.07
48206 (2374841)	2.90	1.45	1.22	4.68	26.4	3.89	1	4	0.57	<0.2	1.81	30.5	50	0.21
48207 (2374842)	2.78	1.64	1.12	4.86	23.6	3.93	2	4	0.59	<0.2	2.79	30.0	80	0.20
48208 (2374843)	2.98	1.53	1.03	4.83	24.7	3.73	2	4	0.61	<0.2	2.34	26.7	87	0.23
48209 (2374844)	2.62	1.37	1.02	4.35	21.2	3.50	1	4	0.48	<0.2	1.80	27.9	74	0.20
48210 (2374845)	2.61	1.42	1.04	4.60	23.5	3.50	2	4	0.50	<0.2	2.27	26.1	71	0.19
48211 (2374846)	2.97	1.55	1.31	4.78	24.3	3.86	1	3	0.58	<0.2	2.68	34.1	70	0.23
48212 C-DUP (2374847)	2.75	1.57	1.29	4.74	22.3	3.80	1	4	0.53	<0.2	2.64	34.6	70	0.22
48213 (2374848)	2.56	1.42	1.10	4.63	20.4	3.72	1	4	0.46	<0.2	2.08	28.0	59	0.21
48214 (2374849)	3.02	1.71	1.34	5.26	22.0	4.11	1	4	0.54	<0.2	2.52	31.7	62	0.23
48215 (2374850)	3.23	1.87	1.28	5.32	25.0	4.43	1	3	0.64	<0.2	2.92	31.3	72	0.29
48216 (2374851)	3.10	1.59	1.34	5.24	23.0	4.17	2	3	0.60	<0.2	2.06	30.3	49	0.24
48217 (2374852)	2.60	1.31	1.21	4.40	21.2	3.89	2	3	0.51	<0.2	1.52	30.5	36	0.21
48218 (2374853)	2.57	1.27	1.07	3.91	20.7	3.29	2	4	0.47	<0.2	1.75	28.5	40	0.25
48219 (2374854)	2.42	1.36	1.08	4.26	23.6	3.18	2	4	0.51	<0.2	2.18	27.7	52	0.17
48220 (2374855)	2.55	1.38	1.11	4.36	23.0	3.50	1	4	0.51	<0.2	2.85	27.2	57	0.20
48221 (2374856)	2.93	1.65	1.24	4.89	22.1	4.03	2	4	0.59	<0.2	2.99	32.3	66	0.23
48222 (2374857)	3.57	1.94	1.18	2.67	13.5	4.64	2	4	0.64	<0.2	2.83	29.5	41	0.27
48223 (2374858)	2.34	1.49	1.14	4.30	21.0	3.32	2	4	0.44	<0.2	2.38	28.2	59	0.22
48224 (2374859)	2.19	1.21	1.04	3.83	18.7	3.40	1	4	0.45	<0.2	2.05	30.4	38	0.17
48225 (2374860)	2.79	1.22	1.56	4.91	24.0	4.82	1	4	0.48	<0.2	2.59	39.7	46	0.20
48226 (2374861)	2.72	1.54	1.00	4.75	19.5	3.89	2	3	0.54	<0.2	2.12	28.8	44	0.23
48227 (2374862)	2.23	1.24	1.06	3.84	18.0	3.20	1	4	0.44	<0.2	2.12	27.5	39	0.17
48228 (2374863)	3.20	1.74	1.17	5.27	25.2	3.93	1	4	0.62	<0.2	2.95	31.7	67	0.21
48229 (2374864)	2.96	1.69	1.21	4.22	22.7	3.75	1	4	0.51	<0.2	2.44	31.7	45	0.23
48230 (2374865)	2.67	1.37	1.23	4.46	21.4	3.32	2	3	0.47	<0.2	2.94	26.2	49	0.17
48231 (2374866)	2.74	1.46	1.10	4.90	25.3	3.94	2	4	0.48	<0.2	3.32	30.4	57	0.20
48232 (2374867)	2.37	1.27	1.03	4.38	22.0	3.20	2	4	0.43	<0.2	2.38	29.2	38	0.16

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736573

PROJECT: 2021 Surimeau DDH Batch 55

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
48233 (2374868)	2.73	1.35	1.30	4.38	20.7	3.70	1	4	0.49	<0.2	2.58	30.2	39	0.17
48234 (2374869)	2.35	1.42	1.07	4.49	20.7	3.65	1	3	0.50	<0.2	2.57	27.9	44	0.20
48235 (2374870)	2.74	1.77	1.31	5.01	23.1	3.82	1	4	0.55	<0.2	3.05	31.3	43	0.21
48236 (2374871)	2.63	1.30	1.20	4.60	23.5	4.00	2	4	0.52	<0.2	2.62	33.7	38	0.19
48237 (2374872)	2.68	1.49	1.31	4.73	22.5	3.96	2	3	0.54	<0.2	2.71	32.0	40	0.19
48238 (2374873)	2.61	1.57	1.37	4.75	22.1	3.90	1	3	0.53	<0.2	2.97	32.0	40	0.21
48239 (2374874)	2.41	1.49	1.13	4.50	22.7	3.71	1	4	0.51	<0.2	2.15	29.2	34	0.20
48240 (2374875)	2.49	1.27	1.05	4.44	22.2	3.39	1	3	0.48	<0.2	1.49	29.1	22	0.19
48241 (2374876)	2.83	1.56	1.07	4.74	20.6	3.78	2	4	0.55	<0.2	2.15	34.4	39	0.24
48242 (2374877)	2.54	1.42	1.15	4.63	19.9	3.50	2	4	0.52	<0.2	2.11	33.2	36	0.23
48243 (2374878)	2.21	1.41	1.06	3.87	19.1	3.38	2	4	0.49	<0.2	1.79	27.7	28	0.19
48244 (2374879)	2.60	1.40	1.07	4.50	22.0	3.40	2	4	0.51	<0.2	2.67	27.0	39	0.20
48245 C-DUP (2374880)	2.21	1.32	1.11	4.26	20.6	3.29	1	3	0.41	<0.2	2.49	28.8	36	0.20
48246 (2374881)	2.78	1.60	1.15	4.78	23.4	3.79	1	3	0.56	<0.2	2.98	28.9	48	0.21
48247 (2374882)	2.52	1.51	1.18	4.73	22.1	3.38	2	3	0.53	<0.2	2.93	30.3	48	0.21
48248 (2374883)	2.67	1.39	1.15	4.46	22.4	3.40	2	3	0.52	<0.2	1.92	30.2	36	0.21
48249 (2374884)	2.65	1.51	1.23	4.65	22.7	3.44	1	4	0.53	<0.2	2.24	29.7	40	0.19
48250 (2374885)	2.33	1.25	1.13	3.70	18.6	3.27	1	4	0.47	<0.2	2.15	28.3	33	0.20

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736573

PROJECT: 2021 Surimeau DDH Batch 55

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
48201 (2374836)	2.43	505	19	6	25.2	98	0.07	13	6.58	84.8	0.26	<0.1	17	30.6
48202 (2374837)	1.29	110	<2	<1	0.6	<5	<0.01	<5	0.17	0.5	0.49	<0.1	<5	6.80
48203 (2374838)	2.17	450	14	6	30.5	94	0.09	31	7.81	59.7	0.29	<0.1	17	31.9
48204 (2374839)	1.75	263	15	6	32.5	101	0.16	6	8.14	29.5	0.55	<0.1	16	29.6
48205 (2374840)	1.80	579	<2	1	4.9	21900	0.01	39	1.27	4.1	20.1	0.3	7	7.55
48206 (2374841)	2.30	399	17	7	29.5	102	0.07	10	7.17	58.9	0.31	<0.1	19	29.8
48207 (2374842)	2.50	494	23	7	28.4	99	0.07	8	7.00	83.9	0.28	<0.1	19	31.7
48208 (2374843)	2.71	515	19	7	25.6	108	0.08	9	6.32	73.1	0.25	<0.1	18	30.8
48209 (2374844)	2.29	438	19	7	25.1	95	0.08	9	6.53	55.7	0.34	<0.1	16	30.9
48210 (2374845)	2.30	491	17	6	25.1	93	0.06	12	6.64	71.5	0.26	<0.1	18	30.7
48211 (2374846)	2.43	526	21	7	28.9	97	0.06	13	7.85	81.6	0.32	<0.1	18	31.6
48212 C-DUP (2374847)	2.48	528	19	7	29.7	99	0.07	12	7.62	83.3	0.32	<0.1	18	31.4
48213 (2374848)	2.79	457	14	7	26.8	114	0.08	9	6.95	70.2	0.28	<0.1	19	29.4
48214 (2374849)	2.81	573	15	7	29.4	98	0.09	12	7.58	82.7	0.26	<0.1	20	31.3
48215 (2374850)	2.72	595	13	7	30.7	90	0.10	19	7.46	98.5	0.28	<0.1	21	30.4
48216 (2374851)	2.85	649	19	7	29.0	104	0.09	10	7.57	67.0	0.33	<0.1	21	30.9
48217 (2374852)	2.76	588	20	5	28.1	89	0.10	11	7.49	49.0	0.36	<0.1	17	32.6
48218 (2374853)	1.76	429	23	6	24.4	77	0.05	14	6.75	58.1	0.32	<0.1	14	32.4
48219 (2374854)	1.89	494	14	6	24.4	94	0.07	11	6.75	68.0	0.32	<0.1	16	32.6
48220 (2374855)	2.05	508	20	7	25.7	97	0.07	10	6.52	90.5	0.20	<0.1	17	32.3
48221 (2374856)	2.19	541	21	7	29.3	107	0.07	14	7.79	94.5	0.22	<0.1	19	31.8
48222 (2374857)	3.71	549	17	9	28.8	25	0.05	7	7.43	67.2	0.18	0.2	10	28.4
48223 (2374858)	2.00	455	18	6	25.4	91	0.05	10	6.74	72.6	0.23	<0.1	16	33.5
48224 (2374859)	1.59	465	25	6	26.3	67	0.05	11	6.89	61.3	0.30	<0.1	12	35.5
48225 (2374860)	2.13	590	14	7	38.1	87	0.10	17	10.1	77.5	0.31	<0.1	16	32.0
48226 (2374861)	2.57	623	17	6	26.1	115	0.07	14	6.91	61.7	0.31	<0.1	18	34.7
48227 (2374862)	1.92	556	18	6	24.0	85	0.09	16	6.42	64.8	0.30	<0.1	13	34.0
48228 (2374863)	2.47	670	20	8	29.6	110	0.04	14	7.92	106	0.23	<0.1	19	30.6
48229 (2374864)	2.04	586	16	6	29.8	69	0.09	18	7.49	87.4	0.24	<0.1	16	31.9
48230 (2374865)	2.03	590	19	6	25.2	92	0.07	13	6.60	103	0.27	<0.1	17	31.9
48231 (2374866)	2.36	538	18	7	29.3	100	0.05	14	7.21	101	0.22	<0.1	19	30.9
48232 (2374867)	1.92	614	25	6	24.5	84	0.07	16	6.80	78.6	0.25	<0.1	14	33.7

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736573

PROJECT: 2021 Surimeau DDH Batch 55

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
48233 (2374868)	1.92	583	19	6	27.0	82	0.08	14	7.34	82.7	0.26	<0.1	15	33.2
48234 (2374869)	1.93	528	18	6	24.7	85	0.07	14	6.54	88.6	0.29	<0.1	16	32.1
48235 (2374870)	2.23	577	13	7	28.5	105	0.08	15	7.49	98.4	0.24	<0.1	20	31.7
48236 (2374871)	2.03	654	18	6	30.7	83	0.08	17	7.60	83.8	0.27	<0.1	16	32.9
48237 (2374872)	2.29	637	6	6	29.8	89	0.07	16	7.63	89.7	0.22	<0.1	18	32.2
48238 (2374873)	1.92	599	20	7	30.2	97	0.06	16	7.53	99.8	0.21	<0.1	18	32.3
48239 (2374874)	1.98	573	4	6	26.6	97	0.07	14	7.04	71.2	0.36	<0.1	18	31.1
48240 (2374875)	1.91	422	14	6	26.4	113	0.06	9	6.83	44.3	0.60	0.1	16	31.3
48241 (2374876)	2.15	560	9	6	30.7	89	0.07	8	8.15	72.5	0.35	<0.1	16	31.8
48242 (2374877)	2.06	559	16	6	28.6	82	0.07	8	7.60	68.0	0.43	0.2	15	32.0
48243 (2374878)	1.61	557	14	5	24.3	77	0.05	12	6.36	56.9	0.28	0.1	13	34.1
48244 (2374879)	1.92	748	16	6	25.4	89	0.07	9	6.66	82.6	0.22	<0.1	16	33.0
48245 C-DUP (2374880)	1.72	722	17	6	24.6	81	0.05	10	6.84	77.6	0.21	<0.1	15	33.6
48246 (2374881)	1.96	572	16	7	27.0	103	0.06	9	7.02	91.8	0.23	<0.1	18	32.4
48247 (2374882)	2.00	548	16	6	28.3	95	0.06	8	7.27	98.2	0.15	0.1	18	31.7
48248 (2374883)	1.85	561	18	6	28.1	78	0.07	10	7.31	59.3	0.29	<0.1	16	31.7
48249 (2374884)	2.09	555	15	7	27.0	89	0.06	8	7.38	69.0	0.23	<0.1	17	31.2
48250 (2374885)	1.61	534	17	6	25.8	68	0.06	8	6.55	68.9	0.24	<0.1	13	32.8

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736573

PROJECT: 2021 Surimeau DDH Batch 55

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
48201 (2374836)	4.4	1	278	<0.5	0.45	7.6	0.37	0.6	0.18	2.27	126	1	12.5	1.2
48202 (2374837)	<0.1	<1	80.1	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.11	<5	<1	1.6	0.1
48203 (2374838)	5.3	1	229	<0.5	0.57	7.5	0.38	<0.5	0.22	2.11	118	<1	15.7	1.5
48204 (2374839)	6.8	<1	144	<0.5	0.71	7.2	0.36	<0.5	0.34	2.59	115	1	22.1	2.3
48205 (2374840)	1.2	1	34.1	<0.5	0.17	0.9	0.11	<0.5	0.08	0.18	59	5	5.2	0.5
48206 (2374841)	5.4	1	271	<0.5	0.53	7.7	0.39	<0.5	0.22	2.21	131	1	14.4	1.5
48207 (2374842)	4.8	1	200	<0.5	0.53	7.0	0.40	<0.5	0.22	2.20	137	2	14.9	1.5
48208 (2374843)	4.5	<1	259	<0.5	0.52	7.4	0.40	<0.5	0.27	2.32	133	1	15.2	1.6
48209 (2374844)	4.7	<1	277	<0.5	0.45	8.0	0.38	<0.5	0.20	2.37	122	<1	12.9	1.3
48210 (2374845)	4.4	1	270	<0.5	0.47	7.4	0.39	<0.5	0.21	2.07	127	<1	13.5	1.4
48211 (2374846)	5.0	1	229	<0.5	0.51	6.8	0.38	<0.5	0.23	1.97	128	<1	14.5	1.5
48212 C-DUP (2374847)	4.9	1	227	<0.5	0.53	7.0	0.38	<0.5	0.22	2.09	127	1	14.5	1.5
48213 (2374848)	4.7	1	236	<0.5	0.48	7.0	0.38	<0.5	0.18	2.07	137	1	13.1	1.4
48214 (2374849)	4.7	1	391	<0.5	0.57	7.7	0.44	<0.5	0.22	2.37	142	<1	15.5	1.6
48215 (2374850)	5.5	3	390	<0.5	0.58	7.6	0.43	0.6	0.27	2.16	146	1	16.7	1.9
48216 (2374851)	5.2	1	356	<0.5	0.59	7.1	0.43	<0.5	0.26	2.29	151	<1	15.7	1.6
48217 (2374852)	5.3	<1	489	<0.5	0.50	6.6	0.37	<0.5	0.18	2.29	126	1	13.5	1.4
48218 (2374853)	4.3	<1	265	<0.5	0.44	8.1	0.34	<0.5	0.17	2.76	102	<1	12.4	1.3
48219 (2374854)	4.1	<1	252	<0.5	0.41	7.8	0.36	<0.5	0.19	2.72	113	1	12.0	1.3
48220 (2374855)	4.7	1	250	<0.5	0.50	7.0	0.37	<0.5	0.20	2.23	121	1	12.9	1.3
48221 (2374856)	5.1	1	228	<0.5	0.52	8.0	0.42	0.6	0.24	2.39	135	<1	14.7	1.6
48222 (2374857)	5.5	1	243	<0.5	0.67	6.3	0.33	<0.5	0.30	1.26	67	<1	18.4	1.9
48223 (2374858)	4.7	<1	263	<0.5	0.46	7.1	0.37	<0.5	0.18	2.29	117	1	12.6	1.3
48224 (2374859)	4.4	<1	290	<0.5	0.43	7.7	0.33	<0.5	0.20	2.53	92	<1	10.2	1.1
48225 (2374860)	6.7	1	697	<0.5	0.58	8.3	0.45	<0.5	0.18	2.32	122	<1	12.9	1.0
48226 (2374861)	4.8	<1	510	<0.5	0.49	7.2	0.39	<0.5	0.23	2.25	123	1	14.1	1.5
48227 (2374862)	3.9	1	415	<0.5	0.41	7.5	0.33	<0.5	0.18	2.43	94	<1	11.5	1.2
48228 (2374863)	4.7	1	332	0.5	0.55	9.1	0.45	0.7	0.26	2.70	138	1	16.4	1.6
48229 (2374864)	5.5	<1	612	<0.5	0.52	7.1	0.35	0.6	0.23	6.12	113	1	15.0	1.6
48230 (2374865)	4.3	<1	483	<0.5	0.47	7.1	0.37	0.7	0.19	2.18	119	1	12.9	1.3
48231 (2374866)	4.9	1	423	<0.5	0.49	8.3	0.41	0.7	0.20	2.43	134	2	14.0	1.3
48232 (2374867)	4.6	<1	370	<0.5	0.42	7.7	0.36	0.5	0.21	2.37	104	1	12.4	1.3

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736573

PROJECT: 2021 Surimeau DDH Batch 55

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
48233 (2374868)	5.0	<1	432	<0.5	0.49	7.4	0.37	0.5	0.20	2.40	108	1	13.6	1.3
48234 (2374869)	4.4	<1	343	<0.5	0.48	7.5	0.36	0.5	0.21	2.37	115	1	13.1	1.5
48235 (2374870)	5.3	<1	331	<0.5	0.53	8.0	0.40	0.6	0.22	2.28	139	1	14.8	1.5
48236 (2374871)	5.2	<1	485	<0.5	0.54	8.9	0.37	0.6	0.20	2.71	116	<1	13.4	1.4
48237 (2374872)	5.0	<1	346	<0.5	0.55	8.8	0.38	0.6	0.19	2.56	126	<1	13.9	1.4
48238 (2374873)	4.7	<1	217	<0.5	0.48	8.7	0.39	0.6	0.23	2.46	125	<1	13.2	1.3
48239 (2374874)	5.1	1	235	<0.5	0.47	8.0	0.38	<0.5	0.22	2.54	124	<1	14.0	1.3
48240 (2374875)	4.1	<1	195	<0.5	0.47	8.2	0.36	<0.5	0.19	2.55	114	<1	13.2	1.3
48241 (2374876)	4.7	1	228	<0.5	0.52	9.1	0.38	<0.5	0.21	2.94	115	<1	14.3	1.4
48242 (2374877)	4.7	<1	253	<0.5	0.47	9.3	0.37	<0.5	0.19	3.21	108	<1	13.4	1.2
48243 (2374878)	4.3	<1	295	<0.5	0.40	7.9	0.33	<0.5	0.22	2.58	94	<1	12.1	1.2
48244 (2374879)	4.5	1	258	<0.5	0.45	7.5	0.37	0.5	0.20	2.47	116	<1	13.0	1.4
48245 C-DUP (2374880)	4.3	1	261	<0.5	0.44	7.2	0.35	<0.5	0.20	2.33	105	<1	13.1	1.3
48246 (2374881)	4.7	1	255	<0.5	0.52	7.7	0.40	<0.5	0.23	2.47	125	<1	14.6	1.5
48247 (2374882)	4.7	1	283	<0.5	0.45	8.7	0.38	0.5	0.18	2.59	124	<1	13.1	1.3
48248 (2374883)	4.6	1	398	<0.5	0.48	7.5	0.37	<0.5	0.21	2.37	114	<1	13.7	1.4
48249 (2374884)	4.7	1	350	<0.5	0.50	7.9	0.40	<0.5	0.21	2.43	125	<1	1.3	129
48250 (2374885)	4.2	<1	355	<0.5	0.40	6.8	0.31	<0.5	0.20	2.28	89	<1	1.2	126

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736573

PROJECT: 2021 Surimeau DDH Batch 55

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
48201 (2374836)	163	125
48202 (2374837)	<5	1.9
48203 (2374838)	134	137
48204 (2374839)	41	126
48205 (2374840)	91	31.1
48206 (2374841)	67	136
48207 (2374842)	88	130
48208 (2374843)	89	134
48209 (2374844)	72	144
48210 (2374845)	128	126
48211 (2374846)	91	123
48212 C-DUP (2374847)	88	123
48213 (2374848)	94	128
48214 (2374849)	102	145
48215 (2374850)	132	129
48216 (2374851)	76	127
48217 (2374852)	92	124
48218 (2374853)	77	151
48219 (2374854)	144	140
48220 (2374855)	116	126
48221 (2374856)	85	131
48222 (2374857)	44	155
48223 (2374858)	67	129
48224 (2374859)	136	143
48225 (2374860)	116	149
48226 (2374861)	114	127
48227 (2374862)	85	144
48228 (2374863)	152	148
48229 (2374864)	106	122
48230 (2374865)	86	123
48231 (2374866)	97	132
48232 (2374867)	89	146

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736573

PROJECT: 2021 Surimeau DDH Batch 55

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
48233 (2374868)	86	143
48234 (2374869)	80	122
48235 (2374870)	77	127
48236 (2374871)	94	128
48237 (2374872)	99	132
48238 (2374873)	96	126
48239 (2374874)	96	131
48240 (2374875)	74	132
48241 (2374876)	78	148
48242 (2374877)	72	165
48243 (2374878)	89	138
48244 (2374879)	110	129
48245 C-DUP (2374880)	107	133
48246 (2374881)	113	126
48247 (2374882)	92	132
48248 (2374883)	178	129
48249 (2374884)	231	129
48250 (2374885)	346	126

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736573

PROJECT: 2021 Surimeau DDH Batch 55

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
48201 (2374836)	77.96
48220 (2374855)	83.14
48240 (2374875)	83.25

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736573

PROJECT: 2021 Surimeau DDH Batch 55

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
48203 (2374838)		88.13
48224 (2374859)		85.88
48250 (2374885)		87.80

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2374836	< 1	< 1	0.0%	2374850	< 1	< 1	0.0%	2374861	< 1	< 1	0.0%	2374876	< 1	< 1	0.0%
Al	2374836	8.57	8.38	2.2%	2374850	9.20	9.16	0.4%	2374861	9.01	8.66	4.0%	2374876	8.38	8.26	1.4%
As	2374836	< 5	< 5	0.0%	2374850	< 5	< 5	0.0%	2374861	< 5	< 5	0.0%	2374876	< 5	< 5	0.0%
B	2374836	< 20	< 20	0.0%	2374850	< 20	< 20	0.0%	2374861	< 20	< 20	0.0%	2374876	< 20	< 20	0.0%
Ba	2374836	932	940	0.9%	2374850	801	812	1.4%	2374861	828	808	2.4%	2374876	672	681	1.3%
Be	2374836	< 5	< 5	0.0%	2374850	< 5	< 5	0.0%	2374861	< 5	< 5	0.0%	2374876	< 5	< 5	0.0%
Bi	2374836	0.2	0.2	0.0%	2374850	0.18	0.14	25.0%	2374861	0.1	0.1	0.0%	2374876	0.22	0.25	12.8%
Ca	2374836	1.04	1.00	3.9%	2374850	1.29	1.28	0.8%	2374861	1.82	1.67	8.6%	2374876	1.08	1.07	0.9%
Cd	2374836	0.3	0.3	0.0%	2374850	< 0.2	< 0.2	0.0%	2374861	< 0.2	< 0.2	0.0%	2374876	< 0.2	< 0.2	0.0%
Ce	2374836	57.9	55.4	4.4%	2374850	65.1	61.1	6.3%	2374861	59.0	58.5	0.9%	2374876	70.2	68.3	2.7%
Co	2374836	23.9	24.2	1.2%	2374850	27.3	27.1	0.7%	2374861	22.8	22.6	0.9%	2374876	24.5	23.8	2.9%
Cr	2374836	0.046	0.048	4.3%	2374850	0.039	0.039	0.0%	2374861	0.0497	0.0474	4.7%	2374876	0.032	0.033	3.1%
Cs	2374836	3.09	3.37	8.7%	2374850	6.29	5.62	11.3%	2374861	4.00	4.28	6.8%	2374876	3.01	2.94	2.4%
Cu	2374836	41	38	7.6%	2374850	59	56	5.2%	2374861	54	60	10.5%	2374876	88	89	1.1%
Dy	2374836	2.47	2.33	5.8%	2374850	3.23	3.14	2.8%	2374861	2.72	2.76	1.5%	2374876	2.83	2.79	1.4%
Er	2374836	1.34	1.27	5.4%	2374850	1.87	1.75	6.6%	2374861	1.54	1.52	1.3%	2374876	1.56	1.66	6.2%
Eu	2374836	1.01	1.06	4.8%	2374850	1.28	1.20	6.5%	2374861	1.00	1.04	3.9%	2374876	1.07	1.25	15.5%
Fe	2374836	4.60	4.53	1.5%	2374850	5.32	5.29	0.6%	2374861	4.75	4.51	5.2%	2374876	4.74	4.71	0.6%
Ga	2374836	19.5	24.1	21.1%	2374850	25.0	24.6	1.6%	2374861	19.5	20.8	6.5%	2374876	20.6	20.5	0.5%
Gd	2374836	3.49	3.47	0.6%	2374850	4.43	4.14	6.8%	2374861	3.89	3.46	11.7%	2374876	3.78	3.92	3.6%
Ge	2374836	2	2	0.0%	2374850	1	2		2374861	2	2	0.0%	2374876	2	1	
Hf	2374836	3	3	0.0%	2374850	3	3	0.0%	2374861	3	4	28.6%	2374876	4	4	0.0%
Ho	2374836	0.45	0.46	2.2%	2374850	0.64	0.65	1.6%	2374861	0.54	0.52	3.8%	2374876	0.547	0.541	1.1%
In	2374836	< 0.2	< 0.2	0.0%	2374850	< 0.2	< 0.2	0.0%	2374861	< 0.2	< 0.2	0.0%	2374876	< 0.2	< 0.2	0.0%
K	2374836	2.64	2.48	6.3%	2374850	2.92	2.90	0.7%	2374861	2.12	2.01	5.3%	2374876	2.15	2.11	1.9%
La	2374836	28.4	27.1	4.7%	2374850	31.3	29.4	6.3%	2374861	28.8	29.4	2.1%	2374876	34.4	33.4	2.9%
Li	2374836	51	51	0.0%	2374850	72	70	2.8%	2374861	44	44	0.0%	2374876	39	40	2.5%
Lu	2374836	0.18	0.18	0.0%	2374850	0.29	0.25	14.8%	2374861	0.23	0.19	19.0%	2374876	0.241	0.248	2.9%
Mg	2374836	2.43	2.40	1.2%	2374850	2.72	2.78	2.2%	2374861	2.57	2.40	6.8%	2374876	2.15	2.19	1.8%
Mn	2374836	505	504	0.2%	2374850	595	589	1.0%	2374861	623	603	3.3%	2374876	560	573	2.3%
Mo	2374836	19	18	5.4%	2374850	13	13	0.0%	2374861	17	16	6.1%	2374876	9	10	10.5%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2374836	6	6	0.0%	2374850	7	7	0.0%	2374861	6	6	0.0%	2374876	6	6	0.0%
Nd	2374836	25.2	24.8	1.6%	2374850	30.7	28.2	8.5%	2374861	26.1	25.6	1.9%	2374876	30.7	28.7	6.7%
Ni	2374836	98	105	6.9%	2374850	90	91	1.1%	2374861	115	104	10.0%	2374876	89	96	7.6%
P	2374836	0.073	0.083	12.8%	2374850	0.10	0.10	0.0%	2374861	0.066	0.065	1.5%	2374876	0.074	0.079	6.5%
Pb	2374836	13	13	0.0%	2374850	19	19	0.0%	2374861	14	14	0.0%	2374876	8	9	11.8%
Pr	2374836	6.58	6.32	4.0%	2374850	7.46	7.23	3.1%	2374861	6.91	6.79	1.8%	2374876	8.15	7.63	6.6%
Rb	2374836	84.8	81.6	3.8%	2374850	98.5	100	1.5%	2374861	61.7	61.4	0.5%	2374876	72.5	71.3	1.7%
S	2374836	0.26	0.25	3.9%	2374850	0.28	0.28	0.0%	2374861	0.311	0.304	2.3%	2374876	0.35	0.36	2.8%
Sb	2374836	< 0.1	< 0.1	0.0%	2374850	< 0.1	< 0.1	0.0%	2374861	< 0.1	< 0.1	0.0%	2374876	< 0.1	0.1	
Sc	2374836	17	18	5.7%	2374850	21	21	0.0%	2374861	18	17	5.7%	2374876	16	16	0.0%
Si	2374836	30.6	30.1	1.6%	2374850	30.4	30.3	0.3%	2374861	34.7	33.2	4.4%	2374876	31.8	31.5	0.9%
Sm	2374836	4.42	4.68	5.7%	2374850	5.5	5.1	7.5%	2374861	4.8	4.8	0.0%	2374876	4.75	4.96	4.3%
Sn	2374836	1	< 1		2374850	3	1		2374861	< 1	< 1	0.0%	2374876	1	1	0.0%
Sr	2374836	278	273	1.8%	2374850	390	391	0.3%	2374861	510	498	2.4%	2374876	228	224	1.8%
Ta	2374836	< 0.5	< 0.5	0.0%	2374850	< 0.5	< 0.5	0.0%	2374861	< 0.5	< 0.5	0.0%	2374876	< 0.5	< 0.5	0.0%
Tb	2374836	0.45	0.43	4.5%	2374850	0.58	0.54	7.1%	2374861	0.49	0.49	0.0%	2374876	0.52	0.52	0.0%
Th	2374836	7.57	7.29	3.8%	2374850	7.56	7.24	4.3%	2374861	7.2	7.2	0.0%	2374876	9.1	9.2	1.1%
Ti	2374836	0.37	0.37	0.0%	2374850	0.43	0.43	0.0%	2374861	0.386	0.371	4.0%	2374876	0.379	0.375	1.1%
Tl	2374836	0.6	0.6	0.0%	2374850	0.6	0.6	0.0%	2374861	< 0.5	< 0.5	0.0%	2374876	0.44	0.50	12.8%
Tm	2374836	0.18	0.19	5.4%	2374850	0.267	0.276	3.3%	2374861	0.232	0.235	1.3%	2374876	0.213	0.220	3.2%
U	2374836	2.27	2.25	0.9%	2374850	2.16	2.10	2.8%	2374861	2.25	2.21	1.8%	2374876	2.94	3.11	5.6%
V	2374836	126	130	3.1%	2374850	146	149	2.0%	2374861	123	117	5.0%	2374876	115	118	2.6%
W	2374836	1	2		2374850	1	< 1		2374861	1	1	0.0%	2374876	< 1	< 1	0.0%
Y	2374836	12.5	12.3	1.6%	2374850	16.7	16.8	0.6%	2374861	14.1	13.5	4.3%	2374876	14.3	15.1	5.4%
Yb	2374836	1.2	1.2	0.0%	2374850	1.92	1.73	10.4%	2374861	1.5	1.5	0.0%	2374876	1.41	1.50	6.2%
Zn	2374836	163	140	15.2%	2374850	132	129	2.3%	2374861	114	107	6.3%	2374876	78	78	0.0%
Zr	2374836	125	125	0.0%	2374850	129	125	3.1%	2374861	127	135	6.1%	2374876	148	155	4.6%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O736573

PROJECT: 2021 Surimeau DDH Batch 55

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.34	98%	90% - 110%					6.94	7.35	106%	90% - 110%	13.0	13.8	107%	90% - 110%
As	26	27	103%	90% - 110%												
Ba	540	524	97%	90% - 110%									1310	1387	106%	90% - 110%
Be	4.0	4.2	105%	90% - 110%												
Ca	0.907	0.892	98%	90% - 110%					4.01	4.14	103%	90% - 110%	1.42	1.47	104%	90% - 110%
Ce	98	98	100%	90% - 110%	58.2	61.6	105%	90% - 110%								
Co	15	14	93%	90% - 110%												
Cu	150	160	107%	90% - 110%									6.4	5.6	87%	90% - 110%
Er	3.7	3.9	106%	90% - 110%												
Fe	3.77	3.86	102%	90% - 110%					7.56	8.01	106%	90% - 110%	3.27	3.49	107%	90% - 110%
Ga					22.6	24.5	109%	90% - 110%								
Hf	11	11	100%	90% - 110%												
K	2.55	2.69	106%	90% - 110%					2.02	2.3	114%	90% - 110%	3.68	4.08	110%	90% - 110%
La	44	43	98%	90% - 110%	27.5	29.7	108%	90% - 110%								
Li	47	50	105%	90% - 110%									65.0	70	107%	90% - 110%
Lu	0.6	0.6	95%	90% - 110%												
Mg	1.1	1.1	96%	90% - 110%					2.41	2.5	104%	90% - 110%				
Mn	780	778	100%	90% - 110%												
Mo	14	13	95%	90% - 110%												
Nb	20	18	92%	90% - 110%	22.6	22.2	98%	90% - 110%								
Nd					27.3	28.7	105%	90% - 110%								
Ni	32	33	103%	90% - 110%												
P													0.061	0.061	100%	90% - 110%
Pb	31	31	101%	90% - 110%												
Rb	144	138	96%	90% - 110%	85.4	87.4	102%	90% - 110%								
Sb	0.8	0.8	94%	90% - 110%												
Sc	12	13	105%	90% - 110%												
Si	28.4	30.3	107%	90% - 110%					23.65	25.96	110%	90% - 110%	24.4	25.8	105%	90% - 110%
Sm	7.4	7.5	101%	90% - 110%												
Sr	144	158	110%	90% - 110%									310	326	105%	90% - 110%
Ta	1.9	1.8	94%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Tb	1.2	1.1	91%	90% - 110%												
Th	18.4	18.3	99%	90% - 110%												
Ti	0.527	0.529	100%	90% - 110%									0.222	0.232	105%	90% - 110%
U	5.7	5.3	92%	90% - 110%												
V	77	81	105%	90% - 110%												
W	5	5	109%	90% - 110%												
Y	40	38	95%	90% - 110%	25.3	25.4	100%	90% - 110%								
Yb					2.66	2.97	111%	90% - 110%								
Zn	130	125	96%	90% - 110%									75.4	80.7	107%	90% - 110%
Zr	390	352	90%	90% - 110%	157	158	101%	90% - 110%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O736573

PROJECT: 2021 Surimeau DDH Batch 55

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O736573

PROJECT: 2021 Surimeau DDH Batch 55

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O736573

PROJECT: 2021 Surimeau DDH Batch 55

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 56

AGAT WORK ORDER: 21O736579

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 21, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

Disclaimer:

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project Manager if you require additional sample storage time.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
- The test results reported herewith relate only to the samples as received by the laboratory.
- Measurement Uncertainty is not taken into consideration when stating conformity with a specified requirement.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736579

PROJECT: 2021 Surimeau DDH Batch 56

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
48251 (2374893)	3.66
48252 (2374894)	0.92
48253 (2374895)	1.86
48254 (2374896)	4.36
48255 (2374897)	4.11
48256 (2374898)	1.91
48257 (2374899)	3.28
48258 (2374900)	2.15
48259 (2374901)	3.78
48260 (2374902)	3.31
48261 (2374903)	2.30
48262C-DUP (2374904)	-
48263 (2374905)	0.62
48264 (2374906)	1.38
48265 (2374907)	1.55
48266 (2374908)	3.27
48267 (2374909)	2.70
48268 (2374910)	3.92
48269 (2374911)	3.86
48270 (2374912)	3.90
48271 (2374913)	4.06
48272 (2374914)	1.04
48273 (2374915)	4.15
48274 (2374916)	3.78
48275 (2374917)	4.46
48276 (2374918)	5.26
48277 (2374919)	4.72
48278 (2374920)	4.57
48279 (2374921)	3.26
48280 (2374922)	2.79
48281 (2374923)	4.87

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736579

PROJECT: 2021 Surimeau DDH Batch 56

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
48282 (2374924)	4.58
48283 (2374925)	4.23
48284 (2374926)	2.73
48285 (2374927)	4.19
48286 (2374928)	3.20
48287 (2374929)	1.92
48288 (2374930)	0.88
48289 (2374931)	2.08
48290 (2374932)	3.46

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736579

PROJECT: 2021 Surimeau DDH Batch 56

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
48251 (2374893)	<1	8.58	<5	<20	798	<5	0.2	1.17	<0.2	65.6	24.1	0.029	4.7	45
48252 (2374894)	<1	2.71	<5	65	290	<5	<0.1	12.1	<0.2	37.7	5.2	0.011	0.5	7
48253 (2374895)	<1	7.94	<5	<20	1490	<5	<0.1	1.33	<0.2	42.0	5.6	0.010	1.4	9
48254 (2374896)	<1	8.33	<5	<20	816	<5	0.3	1.03	<0.2	60.6	22.8	0.024	5.4	37
48255 (2374897)	1	7.39	<5	<20	622	<5	0.2	1.13	0.2	58.6	20.3	0.023	4.1	40
48256 (2374898)	<1	8.02	<5	<20	900	<5	0.2	2.64	0.4	86.2	26.5	0.024	5.0	47
48257 (2374899)	<1	8.19	<5	<20	942	<5	0.1	1.52	<0.2	66.3	23.4	0.022	5.1	45
48258 (2374900)	<1	8.29	<5	<20	810	<5	0.1	1.27	<0.2	63.1	23.2	0.022	3.8	47
48259 (2374901)	<1	8.07	<5	<20	1200	<5	<0.1	1.72	0.4	92.1	14.2	0.015	2.4	33
48260 (2374902)	<1	7.81	<5	<20	638	<5	0.1	1.25	0.2	60.0	21.7	0.021	5.1	46
48261 (2374903)	<1	8.00	<5	<20	721	<5	0.3	0.95	<0.2	78.9	27.5	0.026	4.7	47
48262C-DUP (2374904)	1	7.92	<5	<20	721	<5	0.2	0.94	<0.2	69.8	27.7	0.025	4.7	47
48263 (2374905)	<1	6.78	<5	<20	350	<5	0.5	1.91	<0.2	117	55.9	0.027	4.7	16
48264 (2374906)	<1	8.29	<5	<20	822	<5	0.1	1.27	<0.2	72.2	18.9	0.020	3.0	28
48265 (2374907)	<1	8.42	<5	<20	917	<5	0.1	1.23	<0.2	72.9	18.2	0.017	3.0	27
48266 (2374908)	2	8.39	<5	<20	1050	<5	0.3	1.11	0.5	61.9	22.7	0.023	4.5	55
48267 (2374909)	<1	8.09	<5	<20	813	<5	0.2	1.42	0.3	62.3	23.3	0.025	4.7	48
48268 (2374910)	<1	8.06	<5	<20	843	<5	0.2	1.14	0.2	63.0	22.4	0.022	4.3	41
48269 (2374911)	<1	6.99	<5	<20	574	<5	0.3	1.89	0.5	80.1	22.3	0.025	3.3	51
48270 (2374912)	1	8.21	<5	<20	934	<5	0.1	1.17	0.3	63.0	23.2	0.024	4.8	43
48271 (2374913)	1	8.06	<5	<20	805	<5	0.1	1.21	0.4	59.8	20.6	0.023	4.0	48
48272 (2374914)	<1	3.34	<5	22	349	<5	<0.1	10.9	<0.2	51.2	10.0	0.012	1.3	15
48273 (2374915)	<1	7.94	<5	<20	1090	<5	0.1	1.87	0.3	62.7	29.4	0.036	5.4	38
48274 (2374916)	<1	7.80	<5	<20	761	<5	0.1	1.25	0.3	61.0	22.7	0.023	4.7	50
48275 (2374917)	<1	8.05	<5	<20	997	<5	0.1	1.42	<0.2	69.6	23.6	0.023	4.6	41
48276 (2374918)	<1	7.74	<5	<20	879	<5	0.1	1.65	<0.2	71.3	18.7	0.019	3.1	39
48277 (2374919)	<1	7.90	<5	<20	684	<5	0.2	1.20	0.2	58.4	21.2	0.023	5.0	45
48278 (2374920)	<1	8.10	<5	<20	751	<5	0.1	1.44	<0.2	60.0	24.0	0.030	6.0	44
48279 (2374921)	<1	8.13	<5	<20	1760	<5	0.2	2.56	1.6	97.7	18.8	0.024	2.6	63
48280 (2374922)	<1	8.73	<5	<20	1780	<5	0.2	2.36	0.2	85.6	20.7	0.035	4.0	31
48281 (2374923)	<1	8.42	<5	<20	631	<5	0.3	1.21	<0.2	66.7	23.3	0.024	6.2	46
48282 (2374924)	<1	8.04	<5	<20	570	<5	0.3	1.94	<0.2	57.7	22.2	0.034	4.4	45

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736579

PROJECT: 2021 Surimeau DDH Batch 56

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
48283 (2374925)	<1	8.45	<5	<20	2150	<5	<0.1	1.67	<0.2	62.4	4.1	0.009	0.9	26
48284 (2374926)	<1	8.77	<5	<20	984	<5	0.3	1.23	<0.2	59.1	24.1	0.027	6.8	47
48285 (2374927)	<1	8.34	<5	<20	924	<5	0.2	1.31	<0.2	63.8	22.9	0.027	6.1	42
48286 (2374928)	<1	8.87	<5	<20	1530	10	0.2	1.72	<0.2	137	14.9	0.008	7.6	36
48287 (2374929)	<1	5.87	<5	<20	1210	24	<0.1	4.70	0.3	149	46.9	0.084	38.3	<5
48288 (2374930)	<1	9.01	<5	<20	1430	14	0.1	2.01	<0.2	115	13.2	0.010	10.3	31
48289 (2374931)	<1	5.60	<5	<20	982	17	0.1	5.15	0.2	130	39.9	0.072	29.1	11
48290 (2374932)	1	8.69	<5	<20	1750	5	<0.1	2.25	<0.2	102	8.4	0.008	2.9	28

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736579

PROJECT: 2021 Surimeau DDH Batch 56

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
48251 (2374893)	2.66	1.62	1.26	4.40	23.3	3.91	2	4	0.51	<0.2	2.53	30.9	33	0.20
48252 (2374894)	2.67	1.42	0.87	1.46	10.0	3.16	1	4	0.51	<0.2	2.18	16.9	15	0.23
48253 (2374895)	0.80	0.31	0.95	1.43	24.3	2.23	1	3	0.14	<0.2	1.16	19.6	<10	<0.05
48254 (2374896)	2.80	1.38	1.20	3.98	23.8	3.79	1	4	0.54	<0.2	2.38	28.9	28	0.21
48255 (2374897)	2.38	1.19	1.05	3.48	22.0	3.18	1	4	0.47	<0.2	1.73	27.4	16	0.21
48256 (2374898)	3.64	1.87	1.89	4.82	25.8	5.68	3	4	0.69	<0.2	2.25	40.9	19	0.23
48257 (2374899)	3.14	1.82	1.36	4.21	21.8	4.31	2	4	0.58	<0.2	2.38	31.1	18	0.24
48258 (2374900)	2.85	1.49	1.14	3.99	21.7	3.91	2	4	0.52	<0.2	2.50	30.1	17	0.21
48259 (2374901)	2.85	1.36	1.74	3.25	27.5	5.27	1	5	0.48	<0.2	1.51	42.8	17	0.14
48260 (2374902)	2.47	1.47	1.15	3.81	22.7	3.67	2	4	0.51	<0.2	2.05	28.2	27	0.17
48261 (2374903)	3.21	1.67	1.58	4.23	25.5	4.47	2	4	0.58	<0.2	2.01	36.7	53	0.26
48262C-DUP (2374904)	2.84	1.61	1.53	4.20	23.7	4.21	2	4	0.59	<0.2	2.00	32.8	52	0.23
48263 (2374905)	3.90	1.63	2.27	6.46	27.7	7.18	3	4	0.64	<0.2	1.30	52.6	94	0.21
48264 (2374906)	2.70	1.27	1.32	3.61	23.8	4.19	<1	4	0.49	<0.2	1.85	33.7	39	0.22
48265 (2374907)	2.56	1.22	1.40	3.61	25.6	4.30	1	4	0.47	<0.2	2.04	34.0	39	0.18
48266 (2374908)	2.75	1.51	1.24	3.95	25.9	4.03	2	4	0.54	<0.2	2.40	29.7	33	0.22
48267 (2374909)	2.91	1.75	1.36	3.95	23.9	3.85	2	4	0.59	<0.2	2.05	30.3	33	0.28
48268 (2374910)	2.67	1.34	1.20	3.92	21.6	3.52	2	4	0.53	<0.2	2.03	29.4	31	0.22
48269 (2374911)	3.06	1.58	1.53	3.86	21.7	4.68	2	5	0.56	<0.2	1.51	38.8	24	0.24
48270 (2374912)	2.68	1.69	1.08	3.84	23.5	3.59	2	3	0.53	<0.2	2.11	30.4	29	0.22
48271 (2374913)	2.45	1.46	1.08	3.80	21.8	3.58	1	4	0.49	<0.2	2.00	29.1	28	0.19
48272 (2374914)	3.10	1.78	1.03	1.90	12.2	3.80	2	4	0.57	<0.2	1.94	22.6	30	0.25
48273 (2374915)	3.02	1.77	1.26	4.66	23.5	3.82	2	4	0.62	<0.2	2.48	30.2	34	0.24
48274 (2374916)	2.81	1.53	1.23	3.93	23.3	3.65	2	5	0.51	<0.2	2.00	29.8	30	0.24
48275 (2374917)	2.55	1.30	1.24	4.05	23.3	4.10	2	4	0.46	<0.2	1.99	32.6	26	0.22
48276 (2374918)	2.50	1.37	1.35	3.56	24.2	4.02	2	4	0.49	<0.2	1.82	34.6	26	0.15
48277 (2374919)	2.98	1.44	0.95	3.64	21.3	3.51	2	4	0.53	<0.2	2.03	27.9	31	0.22
48278 (2374920)	2.75	1.52	1.06	4.25	21.8	3.67	2	4	0.52	<0.2	2.15	28.8	38	0.23
48279 (2374921)	4.01	1.73	2.18	3.84	28.0	6.31	2	5	0.67	<0.2	1.70	46.8	22	0.25
48280 (2374922)	3.24	1.37	1.60	4.19	26.0	4.92	2	5	0.61	<0.2	2.52	41.0	38	0.22
48281 (2374923)	2.89	1.50	1.17	4.07	22.2	3.92	2	4	0.58	<0.2	2.58	33.0	42	0.20
48282 (2374924)	2.49	1.43	1.12	3.99	21.0	3.35	3	4	0.47	<0.2	1.78	27.9	36	0.23

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736579

PROJECT: 2021 Surimeau DDH Batch 56

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
48283 (2374925)	1.98	0.95	1.23	1.65	29.2	3.57	1	5	0.37	<0.2	1.04	30.0	17	0.13
48284 (2374926)	2.72	1.71	1.10	4.33	24.6	3.51	1	4	0.51	<0.2	3.12	28.2	48	0.23
48285 (2374927)	2.42	1.50	1.27	3.91	22.3	3.62	2	4	0.54	<0.2	2.63	31.0	61	0.21
48286 (2374928)	2.36	0.68	1.91	3.00	36.3	5.98	1	5	0.34	<0.2	2.01	63.8	35	0.07
48287 (2374929)	4.37	1.79	3.67	6.91	64.1	8.95	4	5	0.68	<0.2	3.50	65.9	110	0.18
48288 (2374930)	2.19	0.71	2.30	2.88	37.6	5.50	2	6	0.34	<0.2	1.82	53.6	27	0.06
48289 (2374931)	4.96	1.83	3.43	7.48	58.6	9.31	5	5	0.84	<0.2	2.70	58.0	92	0.25
48290 (2374932)	2.00	0.56	2.14	2.56	29.0	5.01	2	5	0.28	<0.2	2.20	46.7	13	0.06

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736579

PROJECT: 2021 Surimeau DDH Batch 56

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
48251 (2374893)	1.92	526	<2	6	31.6	84	0.05	9	7.69	93.1	0.12	<0.1	15	29.5
48252 (2374894)	5.04	468	<2	5	18.7	<5	<0.01	8	4.65	48.8	<0.01	<0.1	<5	19.1
48253 (2374895)	0.49	160	<2	3	21.5	18	0.04	19	5.45	43.1	<0.01	<0.1	<5	31.4
48254 (2374896)	1.80	513	<2	6	28.4	74	0.05	10	7.02	90.5	0.06	<0.1	15	29.1
48255 (2374897)	1.54	503	3	6	24.9	56	0.04	11	6.47	65.2	0.19	<0.1	11	30.0
48256 (2374898)	2.27	809	5	7	43.3	72	0.11	14	10.7	93.2	0.23	0.2	17	27.7
48257 (2374899)	1.82	565	3	6	30.9	78	0.07	14	7.81	95.1	0.16	<0.1	16	28.2
48258 (2374900)	1.66	377	3	7	27.8	78	0.06	12	7.38	90.6	0.12	0.1	15	28.1
48259 (2374901)	1.30	417	<2	9	45.2	34	0.10	18	11.5	61.3	0.14	<0.1	9	28.8
48260 (2374902)	1.69	563	<2	6	26.7	69	0.05	11	7.01	81.4	0.10	<0.1	14	28.8
48261 (2374903)	2.93	417	<2	7	36.7	96	0.08	7	9.36	69.9	0.34	<0.1	16	27.4
48262C-DUP (2374904)	2.97	414	2	7	33.1	90	0.08	9	8.33	71.9	0.36	<0.1	16	26.9
48263 (2374905)	5.58	574	7	7	61.6	146	0.16	<5	14.6	55.9	1.15	<0.1	18	22.9
48264 (2374906)	1.74	421	2	6	32.9	58	0.06	12	8.57	68.1	0.15	<0.1	12	29.0
48265 (2374907)	1.71	425	2	7	36.0	56	0.05	12	8.67	78.6	0.11	0.1	12	29.9
48266 (2374908)	1.66	496	3	7	28.8	76	0.05	15	7.62	98.3	0.12	<0.1	15	29.0
48267 (2374909)	1.76	599	<2	6	29.1	70	0.04	12	7.27	85.9	0.15	<0.1	15	29.7
48268 (2374910)	1.57	534	<2	6	28.7	66	0.05	11	7.38	75.0	0.14	<0.1	13	29.3
48269 (2374911)	2.04	601	<2	6	37.8	95	0.08	11	9.85	60.2	0.14	0.1	13	28.4
48270 (2374912)	1.56	503	2	6	29.6	67	0.05	12	7.61	81.8	0.14	<0.1	14	29.1
48271 (2374913)	1.62	524	3	6	28.5	65	0.05	12	7.35	74.0	0.16	<0.1	13	30.4
48272 (2374914)	3.93	642	<2	6	23.5	11	0.04	7	6.05	50.1	0.03	0.1	6	20.1
48273 (2374915)	2.66	692	<2	7	29.3	110	0.07	15	7.41	101	0.07	<0.1	18	28.7
48274 (2374916)	1.55	616	<2	6	27.7	67	0.04	15	7.17	82.0	0.19	0.1	13	30.1
48275 (2374917)	1.55	579	<2	7	32.3	68	0.06	15	8.45	78.9	0.21	<0.1	14	29.6
48276 (2374918)	1.40	537	<2	6	31.6	54	0.06	14	8.01	69.4	0.15	<0.1	10	30.9
48277 (2374919)	1.49	534	3	6	26.1	67	0.05	14	6.90	79.1	0.16	<0.1	13	30.4
48278 (2374920)	1.78	619	3	6	27.3	79	0.05	20	7.02	87.8	0.16	<0.1	15	29.9
48279 (2374921)	1.83	696	<2	11	47.7	50	0.11	51	12.1	64.4	0.19	<0.1	12	29.8
48280 (2374922)	2.30	734	2	8	40.3	95	0.09	24	10.4	89.0	0.01	0.1	14	29.8
48281 (2374923)	1.79	552	<2	6	30.7	77	0.06	17	7.77	98.1	0.12	<0.1	15	30.2
48282 (2374924)	1.67	605	<2	6	26.0	77	0.05	17	6.83	75.0	0.20	<0.1	14	31.4

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736579

PROJECT: 2021 Surimeau DDH Batch 56

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
48283 (2374925)	0.49	430	<2	9	28.8	9	0.04	27	7.74	31.5	0.13	<0.1	<5	33.3
48284 (2374926)	1.67	499	<2	7	27.3	85	0.05	1710	7.14	122	0.11	<0.1	17	29.2
48285 (2374927)	1.81	483	2	6	29.8	81	0.05	16	7.68	94.1	0.11	<0.1	16	29.3
48286 (2374928)	1.72	309	<2	12	65.9	15	0.15	18	17.1	97.5	0.28	<0.1	6	29.1
48287 (2374929)	7.82	1510	<2	69	79.4	296	0.30	6	19.4	325	<0.01	<0.1	23	24.0
48288 (2374930)	1.23	346	<2	16	56.6	17	0.15	20	14.2	109	0.16	<0.1	<5	30.7
48289 (2374931)	7.02	1480	2	66	72.7	241	0.33	7	17.3	236	<0.01	0.1	24	24.2
48290 (2374932)	0.87	331	<2	8	50.2	7	0.14	26	12.8	56.3	0.04	<0.1	<5	31.1

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736579

PROJECT: 2021 Surimeau DDH Batch 56

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
48251 (2374893)	5.0	<1	335	0.6	0.57	7.7	0.36	0.8	0.22	2.28	120	<1	13.9	1.6
48252 (2374894)	3.3	<1	222	<0.5	0.39	3.5	0.16	<0.5	0.24	1.15	29	<1	13.4	1.4
48253 (2374895)	3.5	<1	1290	<0.5	0.21	3.3	0.15	<0.5	<0.05	1.60	33	<1	3.5	0.2
48254 (2374896)	4.6	<1	306	0.5	0.48	7.5	0.33	<0.5	0.20	2.61	114	<1	14.1	1.6
48255 (2374897)	4.1	<1	318	0.5	0.41	8.4	0.29	<0.5	0.16	2.58	90	<1	12.4	1.2
48256 (2374898)	7.3	2	506	0.5	0.66	9.4	0.40	0.5	0.27	2.84	140	<1	17.4	1.8
48257 (2374899)	5.3	<1	422	0.5	0.58	8.2	0.35	<0.5	0.26	2.30	125	<1	15.8	1.6
48258 (2374900)	4.9	<1	255	0.5	0.51	7.6	0.33	<0.5	0.18	2.23	116	<1	14.1	1.5
48259 (2374901)	7.3	2	952	0.7	0.58	7.3	0.31	<0.5	0.19	2.21	76	<1	13.6	1.1
48260 (2374902)	4.2	<1	302	<0.5	0.45	7.2	0.32	<0.5	0.21	2.13	107	<1	13.2	1.4
48261 (2374903)	5.9	<1	216	0.5	0.55	7.4	0.36	<0.5	0.19	2.41	123	<1	15.7	1.5
48262C-DUP (2374904)	5.3	1	211	0.5	0.57	7.7	0.35	<0.5	0.26	2.25	123	<1	15.4	1.5
48263 (2374905)	10.1	2	155	<0.5	0.79	8.1	0.45	<0.5	0.22	2.22	157	<1	18.1	1.5
48264 (2374906)	5.1	<1	441	0.5	0.56	7.0	0.32	<0.5	0.18	2.20	95	<1	12.7	1.3
48265 (2374907)	5.3	<1	446	<0.5	0.53	7.2	0.32	<0.5	0.18	2.22	97	<1	12.2	1.3
48266 (2374908)	4.8	2	293	0.5	0.50	8.3	0.33	0.5	0.22	2.42	118	<1	13.9	1.3
48267 (2374909)	4.4	<1	330	0.6	0.53	8.3	0.32	<0.5	0.21	2.72	113	<1	16.3	1.5
48268 (2374910)	4.7	<1	341	0.6	0.48	8.4	0.32	0.6	0.20	2.73	102	<1	13.5	1.4
48269 (2374911)	5.7	<1	360	<0.5	0.55	8.8	0.32	<0.5	0.23	2.66	102	<1	15.1	1.3
48270 (2374912)	4.7	<1	292	0.5	0.50	8.6	0.32	<0.5	0.22	2.57	110	<1	14.5	1.6
48271 (2374913)	4.7	<1	288	<0.5	0.45	7.7	0.32	<0.5	0.21	2.45	104	<1	13.1	1.4
48272 (2374914)	4.4	<1	205	<0.5	0.55	4.9	0.26	<0.5	0.26	1.60	49	<1	15.9	1.7
48273 (2374915)	5.0	<1	352	0.5	0.58	8.0	0.38	0.5	0.26	2.47	137	<1	16.1	1.6
48274 (2374916)	4.1	<1	298	0.6	0.46	8.7	0.32	<0.5	0.21	3.07	104	<1	13.6	1.6
48275 (2374917)	5.2	<1	439	0.5	0.55	8.7	0.35	<0.5	0.20	2.59	111	<1	13.0	1.3
48276 (2374918)	4.9	<1	569	<0.5	0.47	7.9	0.31	<0.5	0.19	2.44	87	<1	12.6	1.3
48277 (2374919)	4.6	<1	302	0.5	0.49	8.0	0.31	<0.5	0.25	2.33	100	<1	13.5	1.5
48278 (2374920)	4.3	1	327	0.5	0.49	8.6	0.34	0.5	0.20	2.86	120	<1	13.5	1.4
48279 (2374921)	8.0	<1	1270	0.6	0.74	8.8	0.34	<0.5	0.26	3.76	100	<1	18.1	1.6
48280 (2374922)	6.1	1	1570	0.5	0.59	7.8	0.32	0.6	0.26	2.98	108	<1	15.8	1.6
48281 (2374923)	5.0	2	221	0.5	0.49	8.5	0.34	0.5	0.24	2.69	115	<1	14.0	1.4
48282 (2374924)	4.2	<1	292	<0.5	0.46	7.9	0.33	<0.5	0.19	2.59	112	<1	13.7	1.5

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736579

PROJECT: 2021 Surimeau DDH Batch 56

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
48283 (2374925)	5.0	1	2050	<0.5	0.41	6.0	0.16	<0.5	0.12	4.21	32	<1	10.8	1.0
48284 (2374926)	4.7	1	252	0.5	0.52	7.4	0.36	0.7	0.21	2.21	125	<1	14.8	1.5
48285 (2374927)	4.5	<1	331	0.5	0.46	6.8	0.33	<0.5	0.20	2.12	117	<1	13.5	1.5
48286 (2374928)	9.8	2	1340	0.9	0.62	8.7	0.39	0.9	0.09	2.98	68	<1	9.0	0.5
48287 (2374929)	13.4	7	533	5.5	1.00	9.3	0.48	2.4	0.23	3.01	176	<1	17.6	1.4
48288 (2374930)	8.7	2	1410	1.3	0.53	8.3	0.35	0.7	0.08	2.04	60	<1	8.4	0.4
48289 (2374931)	13.1	10	572	7.2	1.12	8.4	0.51	1.7	0.25	2.82	179	<1	19.8	1.6
48290 (2374932)	7.9	<1	1590	<0.5	0.50	6.6	0.32	<0.5	0.06	2.19	53	<1	7.6	0.4

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736579

PROJECT: 2021 Surimeau DDH Batch 56

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
48251 (2374893)	138	133
48252 (2374894)	24	149
48253 (2374895)	74	104
48254 (2374896)	123	134
48255 (2374897)	149	153
48256 (2374898)	193	153
48257 (2374899)	116	130
48258 (2374900)	70	137
48259 (2374901)	126	191
48260 (2374902)	122	130
48261 (2374903)	65	148
48262C-DUP (2374904)	66	144
48263 (2374905)	76	155
48264 (2374906)	97	143
48265 (2374907)	101	145
48266 (2374908)	173	133
48267 (2374909)	170	144
48268 (2374910)	139	152
48269 (2374911)	156	172
48270 (2374912)	155	127
48271 (2374913)	133	138
48272 (2374914)	28	156
48273 (2374915)	114	135
48274 (2374916)	125	176
48275 (2374917)	113	161
48276 (2374918)	124	141
48277 (2374919)	129	125
48278 (2374920)	93	153
48279 (2374921)	406	200
48280 (2374922)	84	161
48281 (2374923)	82	129
48282 (2374924)	77	145

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736579

PROJECT: 2021 Surimeau DDH Batch 56

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
48283 (2374925)	62	173
48284 (2374926)	85	129
48285 (2374927)	75	134
48286 (2374928)	73	190
48287 (2374929)	406	180
48288 (2374930)	101	193
48289 (2374931)	327	174
48290 (2374932)	80	173

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736579

PROJECT: 2021 Surimeau DDH Batch 56

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
48251 (2374893)	80.67
48270 (2374912)	91.29
48290 (2374932)	77.06

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736579

PROJECT: 2021 Surimeau DDH Batch 56

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

	Analyte:	Pass %
	Unit:	%
Sample ID (AGAT ID)	RDL:	0.01
48251 (2374893)		86.36

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O736579

PROJECT: 2021 Surimeau DDH Batch 56

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3							
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	2374893	< 1	< 1	0.0%	2374907	< 1	< 1	0.0%	2374918	< 1	< 1	0.0%				
Al	2374893	8.58	8.42	1.9%	2374907	8.42	8.31	1.3%	2374918	7.74	7.63	1.4%				
As	2374893	< 5	< 5	0.0%	2374907	< 5	< 5	0.0%	2374918	< 5	< 5	0.0%				
B	2374893	< 20	< 20	0.0%	2374907	< 20	< 20	0.0%	2374918	< 20	< 20	0.0%				
Ba	2374893	798	798	0.0%	2374907	917	940	2.5%	2374918	879	861	2.1%				
Be	2374893	< 5	< 5	0.0%	2374907	< 5	< 5	0.0%	2374918	< 5	< 5	0.0%				
Bi	2374893	0.2	0.2	0.0%	2374907	0.1	0.1	0.0%	2374918	0.1	0.1	0.0%				
Ca	2374893	1.17	1.15	1.7%	2374907	1.23	1.20	2.5%	2374918	1.65	1.57	5.0%				
Cd	2374893	< 0.2	< 0.2	0.0%	2374907	< 0.2	< 0.2	0.0%	2374918	< 0.2	< 0.2	0.0%				
Ce	2374893	65.6	65.7	0.2%	2374907	72.9	68.9	5.6%	2374918	71.3	69.6	2.4%				
Co	2374893	24.1	24.0	0.4%	2374907	18.2	18.9	3.8%	2374918	18.7	17.6	6.1%				
Cr	2374893	0.029	0.025	14.8%	2374907	0.0175	0.0182	3.9%	2374918	0.0187	0.0206	9.7%				
Cs	2374893	4.7	4.4	6.6%	2374907	3.0	3.0	0.0%	2374918	3.1	3.3	6.3%				
Cu	2374893	45	43	4.5%	2374907	27	25	7.7%	2374918	39	38	2.6%				
Dy	2374893	2.66	3.07	14.3%	2374907	2.56	2.47	3.6%	2374918	2.50	2.45	2.0%				
Er	2374893	1.62	1.61	0.6%	2374907	1.22	1.49	19.9%	2374918	1.37	1.26	8.4%				
Eu	2374893	1.26	1.37	8.4%	2374907	1.40	1.45	3.5%	2374918	1.35	1.37	1.5%				
Fe	2374893	4.40	4.30	2.3%	2374907	3.61	3.52	2.5%	2374918	3.56	3.53	0.8%				
Ga	2374893	23.3	24.7	5.8%	2374907	25.6	22.9	11.1%	2374918	24.2	21.9	10.0%				
Gd	2374893	3.91	4.05	3.5%	2374907	4.30	4.18	2.8%	2374918	4.02	3.93	2.3%				
Ge	2374893	2	2	0.0%	2374907	1	2		2374918	2	1					
Hf	2374893	4	4	0.0%	2374907	4	4	0.0%	2374918	4	4	0.0%				
Ho	2374893	0.510	0.596	15.6%	2374907	0.471	0.476	1.1%	2374918	0.49	0.47	4.2%				
In	2374893	< 0.2	< 0.2	0.0%	2374907	< 0.2	< 0.2	0.0%	2374918	< 0.2	< 0.2	0.0%				
K	2374893	2.53	2.53	0.0%	2374907	2.04	2.03	0.5%	2374918	1.82	1.76	3.4%				
La	2374893	30.9	31.3	1.3%	2374907	34.0	33.2	2.4%	2374918	34.6	34.4	0.6%				
Li	2374893	33	32	3.1%	2374907	39	39	0.0%	2374918	26	26	0.0%				
Lu	2374893	0.20	0.23	14.0%	2374907	0.18	0.18	0.0%	2374918	0.15	0.20	28.6%				
Mg	2374893	1.92	1.91	0.5%	2374907	1.71	1.75	2.3%	2374918	1.40	1.39	0.7%				
Mn	2374893	526	518	1.5%	2374907	425	421	0.9%	2374918	537	525	2.3%				
Mo	2374893	< 2	< 2	0.0%	2374907	2	2	0.0%	2374918	< 2	< 2	0.0%				

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2374893	6	6	0.0%	2374907	7	7	0.0%	2374918	6	6	0.0%				
Nd	2374893	31.6	31.9	0.9%	2374907	36.0	32.5	10.2%	2374918	31.6	32.1	1.6%				
Ni	2374893	84	86	2.4%	2374907	56	57	1.8%	2374918	54	56	3.6%				
P	2374893	0.05	0.05	0.0%	2374907	0.052	0.058	10.9%	2374918	0.061	0.054	12.2%				
Pb	2374893	9	8	11.8%	2374907	12	12	0.0%	2374918	14	13	7.4%				
Pr	2374893	7.69	8.02	4.2%	2374907	8.67	8.42	2.9%	2374918	8.01	8.32	3.8%				
Rb	2374893	93.1	93.3	0.2%	2374907	78.6	77.2	1.8%	2374918	69.4	65.8	5.3%				
S	2374893	0.119	0.110	7.9%	2374907	0.105	0.094	11.1%	2374918	0.15	0.15	0.0%				
Sb	2374893	< 0.1	< 0.1	0.0%	2374907	0.1	0.1	0.0%	2374918	< 0.1	< 0.1	0.0%				
Sc	2374893	15	15	0.0%	2374907	12	12	0.0%	2374918	10	11	9.5%				
Si	2374893	29.5	28.9	2.1%	2374907	29.9	29.6	1.0%	2374918	30.9	30.7	0.6%				
Sm	2374893	5.02	4.92	2.0%	2374907	5.26	4.92	6.7%	2374918	4.92	4.72	4.1%				
Sn	2374893	< 1	< 1	0.0%	2374907	< 1	< 1	0.0%	2374918	< 1	< 1	0.0%				
Sr	2374893	335	330	1.5%	2374907	446	436	2.3%	2374918	569	560	1.6%				
Ta	2374893	0.57	0.52	9.2%	2374907	0.5	0.5	0.0%	2374918	< 0.5	< 0.5	0.0%				
Tb	2374893	0.569	0.525	8.0%	2374907	0.53	0.51	3.8%	2374918	0.47	0.49	4.2%				
Th	2374893	7.7	7.7	0.0%	2374907	7.2	7.5	4.1%	2374918	7.87	7.32	7.2%				
Ti	2374893	0.355	0.351	1.1%	2374907	0.32	0.32	0.0%	2374918	0.31	0.31	0.0%				
Tl	2374893	0.8	0.7	13.3%	2374907	< 0.5	< 0.5	0.0%	2374918	< 0.5	< 0.5	0.0%				
Tm	2374893	0.224	0.237	5.6%	2374907	0.182	0.187	2.7%	2374918	0.19	0.20	5.1%				
U	2374893	2.28	2.25	1.3%	2374907	2.22	2.27	2.2%	2374918	2.44	2.40	1.7%				
V	2374893	120	116	3.4%	2374907	97	102	5.0%	2374918	87	88	1.1%				
W	2374893	< 1	< 1	0.0%	2374907	< 1	< 1	0.0%	2374918	< 1	< 1	0.0%				
Y	2374893	13.9	14.9	6.9%	2374907	12.2	13.4	9.4%	2374918	12.6	12.5	0.8%				
Yb	2374893	1.6	1.6	0.0%	2374907	1.3	1.3	0.0%	2374918	1.3	1.2	8.0%				
Zn	2374893	138	133	3.7%	2374907	101	101	0.0%	2374918	124	119	4.1%				
Zr	2374893	133	135	1.5%	2374907	145	150	3.4%	2374918	141	141	0.0%				

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O736579

PROJECT: 2021 Surimeau DDH Batch 56

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.CGL-015)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)							
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Al	13.0	12.5	96%	90% - 110%	8.47	7.76	92%	90% - 110%	6.94	6.88	99%	90% - 110%				
As					26	28	106%	90% - 110%								
Ba	1310	1223	93%	90% - 110%	540	476	88%	90% - 110%								
Be					4.0	3.8	94%	90% - 110%								
Ca	1.42	1.37	97%	90% - 110%	0.907	0.838	92%	90% - 110%	4.01	4.03	101%	90% - 110%				
Ce	58.2	62.8	108%	90% - 110%	98	106	108%	90% - 110%								
Co					15	15	102%	90% - 110%								
Cu	6.4	6.9	107%	90% - 110%	150	141	94%	90% - 110%								
Er					3.7	4.7	128%	90% - 110%								
Fe	3.27	3.27	100%	90% - 110%	3.77	3.69	98%	90% - 110%	7.56	7.78	103%	90% - 110%				
Ga	22.6	24.6	109%	90% - 110%												
Hf					11	11	99%	90% - 110%								
K	3.68	3.63	99%	90% - 110%	2.55	2.33	92%	90% - 110%	2.02	2.02	100%	90% - 110%				
La	27.5	29.2	106%	90% - 110%	44	46	105%	90% - 110%								
Li	65.0	65.8	101%	90% - 110%	47	44	94%	90% - 110%								
Lu					0.6	0.7	110%	90% - 110%								
Mg					1.1	1	88%	90% - 110%	2.41	2.44	101%	90% - 110%				
Mn					780	709	91%	90% - 110%								
Mo					14	15	110%	90% - 110%								
Nb	22.6	24.3	107%	90% - 110%	20	21	106%	90% - 110%								
Nd	27.3	29	106%	90% - 110%												
Ni					32	36	112%	90% - 110%								
P	0.061	0.05	83%	90% - 110%												
Pb					31	34	110%	90% - 110%								
Rb	85.4	88.6	104%	90% - 110%	144	154	107%	90% - 110%								
Sb					0.8	0.8	104%	90% - 110%								
Sc					12	11	92%	90% - 110%								
Si	24.4	24.5	101%	90% - 110%	28.4	27.2	96%	90% - 110%	23.65	24.44	103%	90% - 110%				
Sm					7.4	8.3	112%	90% - 110%								
Sr	310	318	103%	90% - 110%	144	146	102%	90% - 110%								
Ta					1.9	2.2	116%	90% - 110%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Tb					1.2	1.2	102%	90% - 110%								
Th					18.4	19.8	107%	90% - 110%								
Ti	0.222	0.205	93%	90% - 110%	0.527	0.481	91%	90% - 110%								
U					5.7	5.7	100%	90% - 110%								
V					77	77	100%	90% - 110%								
W					5	5	100%	90% - 110%								
Y	25.3	24.5	97%	90% - 110%	40	39	98%	90% - 110%								
Yb	2.66	2.85	107%	90% - 110%												
Zn	75.4	74.1	98%	90% - 110%	130	111	86%	90% - 110%								
Zr	157	161	102%	90% - 110%	390	407	104%	90% - 110%								

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC
AGAT WORK ORDER: 21O736579
PROJECT: 2021 Surimeau DDH Batch 56
ATTENTION TO: Francis Newton
SAMPLING SITE:
SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O736579

PROJECT: 2021 Surimeau DDH Batch 56

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O736579

PROJECT: 2021 Surimeau DDH Batch 56

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 52

AGAT WORK ORDER: 21O736828

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 24, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

Disclaimer:

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project Manager if you require additional sample storage time.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
- The test results reported herewith relate only to the samples as received by the laboratory.
- Measurement Uncertainty is not taken into consideration when stating conformity with a specified requirement.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736828

PROJECT: 2021 Surimeau DDH Batch 52

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
48051 (2374936)	2.90
48052 (2374937)	0.92
48053 (2374938)	3.18
48054 (2374939)	4.64
48055 (2374940)	0.06
48056 (2374941)	5.06
48057 (2374942)	4.40
48058 (2374943)	3.65
48059 (2374944)	2.89
48060 (2374945)	3.10
48061 (2374946)	2.59
48062C-DUP (2374947)	-
48063 (2374948)	2.64
48064 (2374949)	1.89
48065 (2374950)	1.88
48066 (2374951)	3.19
48067 (2374952)	2.32
48068 (2374953)	1.18
48069 (2374954)	4.00
48070 (2374955)	4.85
48071 (2374956)	4.83
48072 (2374957)	1.00
48073 (2374958)	4.65
48074 (2374959)	2.55
48075 (2374960)	3.62
48076 (2374961)	4.22
48077 (2374962)	4.36
48078 (2374963)	4.39
48079 (2374964)	3.01
48080 (2374965)	4.19
48081 (2374966)	4.45

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736828

PROJECT: 2021 Surimeau DDH Batch 52

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
48082 (2374967)	4.52
48083 (2374968)	3.86
48084 (2374969)	4.62
48085 (2374970)	4.38
48086 (2374971)	4.47
48087 (2374972)	4.77
48088 (2374973)	4.60
48089 (2374974)	4.12
48090 (2374975)	4.08
48091 (2374976)	0.93
48092 (2374977)	1.05
48093 (2374978)	3.09
48094 (2374979)	3.03
48095C-DUP (2374980)	-
48096 (2374981)	3.43
48097 (2374982)	2.93
48098 (2374983)	4.72
48099 (2374984)	4.79
48100 (2374985)	3.23

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736828

PROJECT: 2021 Surimeau DDH Batch 52

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
48051 (2374936)	<1	3.47	<5	<20	2.6	<5	<0.1	4.65	<0.2	2.8	103	0.229	0.3	88
48052 (2374937)	<1	2.47	<5	63	327	<5	<0.1	8.49	<0.2	29.7	8.7	0.016	0.5	10
48053 (2374938)	<1	3.93	<5	<20	1.6	<5	<0.1	6.58	<0.2	10.6	93.2	0.205	0.3	58
48054 (2374939)	<1	3.36	<5	<20	2.0	<5	<0.1	4.95	<0.2	1.8	101	0.247	0.3	43
48055 (2374940)	3	1.03	27	90	59.1	<5	0.2	2.35	1.0	11.3	1320	0.022	0.7	13921
48056 (2374941)	<1	2.96	<5	<20	<0.5	<5	<0.1	5.25	<0.2	1.3	99.3	0.211	0.2	65
48057 (2374942)	<1	2.97	<5	<20	0.9	<5	<0.1	4.65	<0.2	1.2	102	0.221	0.2	47
48058 (2374943)	<1	4.41	<5	<20	135	<5	<0.1	8.82	<0.2	3.1	151	0.364	1.4	49
48059 (2374944)	<1	4.74	<5	<20	282	<5	<0.1	8.23	<0.2	3.4	137	0.351	1.3	133
48060 (2374945)	<1	3.59	<5	<20	1150	<5	<0.1	6.69	0.3	3.9	101	0.234	6.7	178
48061 (2374946)	<1	5.93	<5	<20	99.5	<5	1.6	0.97	7.3	74.0	82.5	0.025	<0.1	461
48062C-DUP (2374947)	<1	6.03	<5	<20	97.5	<5	1.7	0.97	7.6	73.2	83.4	0.011	<0.1	470
48063 (2374948)	<1	5.57	<5	<20	205	<5	1.6	1.22	6.8	71.6	78.2	0.014	<0.1	568
48064 (2374949)	<1	5.25	<5	<20	117	<5	2.2	0.92	9.5	55.9	95.2	0.015	<0.1	633
48065 (2374950)	<1	5.22	<5	<20	122	<5	2.2	1.05	10.1	55.1	98.9	0.024	<0.1	669
48066 (2374951)	<1	4.25	<5	<20	721	<5	0.1	6.29	<0.2	31.6	101	0.215	1.9	248
48067 (2374952)	<1	3.69	<5	<20	149	<5	0.1	8.16	<0.2	3.8	96.1	0.232	0.1	143
48068 (2374953)	2	8.67	<5	<20	836	<5	0.9	3.32	21.0	36.7	165	0.262	1.5	393
48069 (2374954)	<1	3.21	<5	<20	39.8	<5	0.2	10.0	<0.2	2.6	114	0.244	0.1	58
48070 (2374955)	1	3.09	<5	<20	0.9	<5	<0.1	6.27	<0.2	1.6	101	0.209	0.2	45
48071 (2374956)	<1	2.76	<5	<20	<0.5	<5	<0.1	7.21	<0.2	1.8	101	0.195	0.1	46
48072 (2374957)	<1	3.60	<5	111	430	<5	<0.1	8.72	<0.2	91.1	5.2	0.009	0.9	14
48073 (2374958)	<1	2.64	<5	<20	1.6	<5	<0.1	6.92	<0.2	2.1	87.1	0.189	0.1	59
48074 (2374959)	<1	4.46	<5	<20	143	<5	<0.1	4.79	0.2	3.2	95.4	0.261	7.1	137
48075 (2374960)	<1	3.01	<5	<20	2.0	<5	<0.1	5.30	<0.2	1.4	92.9	0.187	0.4	93
48076 (2374961)	<1	2.41	<5	<20	10.4	<5	<0.1	4.96	<0.2	1.1	90.7	0.169	0.9	48
48077 (2374962)	<1	2.73	<5	<20	<0.5	<5	<0.1	5.40	<0.2	1.5	92.7	0.182	0.3	69
48078 (2374963)	<1	3.63	<5	<20	2.0	<5	<0.1	5.03	<0.2	1.7	92.6	0.229	0.4	62
48079 (2374964)	<1	3.74	<5	<20	0.9	<5	<0.1	4.66	<0.2	3.3	83.3	0.207	0.3	53
48080 (2374965)	<1	2.70	<5	<20	<0.5	<5	<0.1	5.46	<0.2	3.5	90.2	0.178	0.3	44
48081 (2374966)	<1	2.92	<5	<20	<0.5	<5	<0.1	5.46	<0.2	2.6	91.5	0.187	0.3	49
48082 (2374967)	<1	3.76	<5	<20	<0.5	<5	<0.1	4.43	<0.2	1.6	115	0.221	0.3	67

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736828

PROJECT: 2021 Surimeau DDH Batch 52

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
48083 (2374968)	<1	3.58	<5	<20	<0.5	<5	<0.1	4.17	<0.2	3.8	95.1	0.225	0.2	57
48084 (2374969)	2	3.02	<5	<20	<0.5	<5	<0.1	4.83	<0.2	1.7	96.4	0.204	0.3	49
48085 (2374970)	<1	3.23	<5	<20	<0.5	<5	<0.1	4.84	0.2	1.5	103	0.225	0.4	59
48086 (2374971)	3	2.64	<5	<20	0.7	<5	0.1	5.37	<0.2	1.7	104	0.201	0.4	61
48087 (2374972)	2	3.42	<5	<20	5.3	<5	<0.1	4.71	<0.2	2.8	97.9	0.207	0.3	61
48088 (2374973)	<1	2.71	<5	<20	0.6	<5	<0.1	5.17	<0.2	2.0	85.9	0.177	0.3	51
48089 (2374974)	<1	3.10	<5	<20	21.5	<5	<0.1	4.77	<0.2	1.7	106	0.211	1.1	67
48090 (2374975)	<1	3.71	<5	<20	747	<5	0.4	4.36	0.3	2.0	111	0.250	30.3	24
48091 (2374976)	<1	4.11	<5	<20	444	<5	0.3	6.76	0.3	23.7	75.6	0.137	20.5	27
48092 (2374977)	3	4.10	<5	<20	463	<5	0.3	6.93	0.3	23.4	69.0	0.125	20.7	27
48093 (2374978)	7	5.76	<5	<20	500	<5	<0.1	7.24	<0.2	48.4	66.2	0.088	25.2	62
48094 (2374979)	2	1.71	<5	<20	145	<5	<0.1	7.59	0.3	3.3	54.4	0.105	7.3	<5
48095C-DUP (2374980)	<1	1.69	<5	<20	144	<5	<0.1	7.47	0.3	3.3	54.8	0.105	7.2	<5
48096 (2374981)	2	2.90	<5	<20	350	<5	<0.1	5.05	0.3	1.7	66.2	0.176	23.7	27
48097 (2374982)	<1	3.08	<5	<20	152	<5	<0.1	4.69	0.2	1.2	97.5	0.189	10.5	90
48098 (2374983)	1	3.46	<5	<20	73.2	<5	<0.1	4.49	0.2	1.3	78.9	0.203	5.5	39
48099 (2374984)	8	2.77	<5	<20	162	<5	<0.1	5.00	<0.2	1.1	91.1	0.176	11.7	54
48100 (2374985)	2	3.06	<5	<20	1.8	<5	<0.1	4.36	<0.2	1.4	86.1	0.213	0.4	72

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736828

PROJECT: 2021 Surimeau DDH Batch 52

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
48051 (2374936)	1.35	0.86	0.29	7.21	8.24	1.11	2	<1	0.30	<0.2	<0.05	1.1	<10	0.10
48052 (2374937)	3.28	2.20	0.76	1.60	7.63	3.83	<1	4	0.70	<0.2	1.44	13.1	16	0.30
48053 (2374938)	1.85	1.19	0.46	7.77	9.40	2.05	2	1	0.39	<0.2	<0.05	4.5	<10	0.16
48054 (2374939)	1.14	0.70	0.14	7.20	8.45	0.93	3	<1	0.27	<0.2	<0.05	0.7	<10	0.09
48055 (2374940)	0.97	0.53	0.25	34.2	3.90	1.18	<1	<1	0.20	<0.2	0.10	5.6	<10	0.07
48056 (2374941)	1.09	0.72	0.12	6.60	7.88	0.87	3	<1	0.22	<0.2	<0.05	0.4	<10	0.10
48057 (2374942)	1.12	0.77	0.16	6.25	8.83	0.84	3	<1	0.28	<0.2	<0.05	0.4	<10	0.11
48058 (2374943)	2.03	1.30	0.57	7.70	11.0	1.52	2	<1	0.45	<0.2	0.28	1.2	25	0.17
48059 (2374944)	1.93	1.39	0.38	7.66	11.9	1.70	3	<1	0.42	<0.2	0.31	1.5	31	0.18
48060 (2374945)	1.46	0.90	0.35	7.31	11.6	1.24	3	<1	0.29	<0.2	1.12	1.5	76	0.11
48061 (2374946)	3.78	2.13	1.47	7.79	17.6	4.71	<1	4	0.72	0.7	0.05	35.9	<10	0.33
48062C-DUP (2374947)	3.69	2.13	1.55	7.89	18.6	4.80	<1	4	0.75	0.7	0.06	35.1	<10	0.36
48063 (2374948)	3.80	2.18	1.64	7.75	18.4	4.77	<1	4	0.80	0.7	0.17	33.5	<10	0.39
48064 (2374949)	3.10	1.85	1.59	9.08	16.1	3.86	<1	3	0.64	1.0	0.06	26.5	<10	0.31
48065 (2374950)	3.12	1.95	1.52	9.02	17.0	3.82	<1	3	0.64	1.1	0.07	25.5	<10	0.29
48066 (2374951)	2.39	1.50	0.97	7.12	14.3	2.69	3	<1	0.52	<0.2	0.51	13.6	40	0.19
48067 (2374952)	1.74	1.07	0.46	6.04	13.7	1.27	4	<1	0.38	<0.2	0.24	1.7	21	0.14
48068 (2374953)	5.08	3.55	1.24	7.71	13.6	5.02	1	4	1.14	2.2	0.93	16.1	48	0.51
48069 (2374954)	1.61	1.02	0.38	6.01	9.36	1.33	3	<1	0.33	<0.2	0.14	1.2	12	0.13
48070 (2374955)	1.19	0.89	0.19	6.69	7.84	0.98	3	<1	0.26	<0.2	<0.05	0.5	11	0.11
48071 (2374956)	1.24	0.73	0.17	6.33	8.35	1.03	3	<1	0.28	<0.2	<0.05	0.9	<10	0.09
48072 (2374957)	4.45	1.84	1.87	1.45	13.5	7.05	1	3	0.81	<0.2	2.47	39.2	19	0.23
48073 (2374958)	1.12	0.75	0.21	6.14	7.57	0.93	3	<1	0.27	<0.2	<0.05	1.0	<10	0.10
48074 (2374959)	1.94	1.28	0.54	7.84	15.8	1.54	3	<1	0.41	<0.2	0.77	1.2	47	0.15
48075 (2374960)	1.17	0.71	0.16	6.19	10.0	0.96	3	<1	0.26	<0.2	<0.05	0.4	<10	0.10
48076 (2374961)	0.95	0.62	0.14	5.49	7.91	0.86	4	<1	0.20	<0.2	0.06	0.3	<10	0.10
48077 (2374962)	1.20	0.74	0.17	5.97	8.56	0.90	4	<1	0.23	<0.2	<0.05	0.5	<10	0.10
48078 (2374963)	1.32	0.84	0.28	7.05	9.88	1.18	3	<1	0.30	<0.2	<0.05	0.5	<10	0.11
48079 (2374964)	1.69	1.03	0.32	6.77	11.0	1.34	4	<1	0.36	<0.2	<0.05	1.3	<10	0.15
48080 (2374965)	1.17	0.85	0.32	5.95	8.07	0.99	4	<1	0.24	<0.2	<0.05	1.5	<10	0.10
48081 (2374966)	1.24	0.77	0.27	6.07	8.24	1.11	3	<1	0.28	<0.2	<0.05	0.9	<10	0.10
48082 (2374967)	1.12	0.69	0.17	6.87	10.3	0.83	3	<1	0.23	<0.2	<0.05	0.5	<10	0.07

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736828

PROJECT: 2021 Surimeau DDH Batch 52

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
48083 (2374968)	1.19	0.80	0.17	6.73	9.97	1.04	3	<1	0.25	<0.2	<0.05	1.8	<10	0.10
48084 (2374969)	1.08	0.77	0.18	6.21	8.46	0.91	3	<1	0.25	<0.2	<0.05	0.6	<10	0.10
48085 (2374970)	1.14	0.67	0.18	6.48	9.66	0.88	3	<1	0.23	<0.2	<0.05	0.5	<10	0.09
48086 (2374971)	1.12	0.77	0.56	6.03	7.86	0.89	4	<1	0.24	<0.2	<0.05	0.7	<10	0.11
48087 (2374972)	1.28	0.80	0.17	6.34	9.98	0.99	3	<1	0.26	<0.2	<0.05	1.4	<10	0.09
48088 (2374973)	1.25	0.83	0.22	6.00	8.68	1.00	4	<1	0.28	<0.2	<0.05	0.8	<10	0.11
48089 (2374974)	1.20	0.83	0.29	6.25	10.3	0.88	4	<1	0.27	<0.2	0.07	0.6	<10	0.10
48090 (2374975)	1.06	0.66	0.46	6.26	12.9	0.81	3	<1	0.21	<0.2	2.86	0.7	126	0.08
48091 (2374976)	3.02	1.75	2.08	7.49	14.7	3.61	4	1	0.62	<0.2	1.96	10.5	109	0.25
48092 (2374977)	2.76	1.53	2.03	7.23	13.7	3.50	4	1	0.54	<0.2	1.96	10.7	107	0.23
48093 (2374978)	3.51	1.96	1.86	8.51	14.7	4.83	3	3	0.74	<0.2	2.55	21.9	135	0.28
48094 (2374979)	1.29	0.78	0.69	5.59	5.69	1.21	5	<1	0.28	<0.2	0.68	1.0	30	0.11
48095C-DUP (2374980)	1.31	0.78	0.69	5.51	5.80	1.21	4	<1	0.29	<0.2	0.67	1.1	30	0.10
48096 (2374981)	1.06	0.61	0.28	5.70	9.91	0.86	4	<1	0.23	<0.2	2.08	0.6	75	0.08
48097 (2374982)	1.08	0.75	0.17	6.25	9.58	0.88	4	<1	0.24	<0.2	0.94	0.4	33	0.08
48098 (2374983)	1.11	0.69	0.16	5.90	12.4	0.92	4	<1	0.25	<0.2	0.45	0.5	16	0.10
48099 (2374984)	0.97	0.54	0.20	5.74	9.58	0.70	4	<1	0.20	<0.2	1.02	0.4	33	0.09
48100 (2374985)	1.50	0.91	0.15	6.51	9.71	1.05	3	<1	0.30	<0.2	<0.05	0.5	<10	0.12

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736828

PROJECT: 2021 Surimeau DDH Batch 52

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
48051 (2374936)	14.5	1220	<2	<1	2.1	1200	<0.01	<5	0.43	0.9	0.16	<0.1	23	19.8
48052 (2374937)	4.15	456	<2	3	16.2	22	0.03	<5	4.06	32.9	<0.01	<0.1	7	26.2
48053 (2374938)	13.6	1450	<2	1	7.3	982	0.04	<5	1.47	0.5	0.67	<0.1	26	18.2
48054 (2374939)	14.6	1180	<2	<1	1.7	1450	<0.01	<5	0.31	0.6	0.59	<0.1	21	20.5
48055 (2374940)	1.76	561	<2	<1	5.3	20800	0.01	40	1.36	4.1	21.5	0.4	7	7.14
48056 (2374941)	13.8	1000	<2	<1	1.3	1340	<0.01	<5	0.25	0.3	0.95	<0.1	20	20.5
48057 (2374942)	12.3	936	<2	<1	1.4	1200	<0.01	<5	0.24	0.4	1.02	<0.1	20	18.1
48058 (2374943)	9.60	2010	<2	<1	2.8	1810	<0.01	6	0.50	8.2	1.12	<0.1	34	20.1
48059 (2374944)	8.25	1840	<2	<1	2.9	1500	0.01	11	0.54	10.2	1.83	<0.1	34	21.6
48060 (2374945)	11.0	1470	14	<1	2.7	1150	<0.01	7	0.55	53.4	1.83	<0.1	24	22.4
48061 (2374946)	0.80	267	8	6	31.4	372	0.02	56	8.96	1.5	4.39	<0.1	15	21.4
48062C-DUP (2374947)	0.80	258	9	6	31.6	301	0.02	56	8.65	1.4	4.55	<0.1	15	21.6
48063 (2374948)	0.68	221	9	8	31.4	277	0.03	65	8.75	4.8	4.47	<0.1	13	23.1
48064 (2374949)	0.64	247	9	5	25.1	384	0.02	66	6.89	2.0	5.18	<0.1	14	21.8
48065 (2374950)	0.77	305	9	5	24.4	410	0.02	73	6.69	1.9	5.32	<0.1	15	21.6
48066 (2374951)	7.58	1820	4	5	15.8	870	0.04	24	4.19	24.2	2.56	<0.1	25	21.7
48067 (2374952)	9.33	2160	<2	<1	2.8	970	0.01	8	0.55	7.5	1.68	<0.1	24	21.5
48068 (2374953)	0.88	550	5	4	20.1	975	0.02	77	4.89	48.3	4.75	<0.1	34	20.4
48069 (2374954)	8.73	1860	<2	<1	2.3	1270	0.01	5	0.43	2.1	1.23	<0.1	24	19.0
48070 (2374955)	11.5	1530	<2	<1	1.5	1090	<0.01	<5	0.27	0.5	1.63	<0.1	20	20.3
48071 (2374956)	11.1	1390	<2	<1	1.4	1190	<0.01	<5	0.26	0.3	1.46	<0.1	19	19.4
48072 (2374957)	3.86	492	<2	6	46.8	22	0.04	<5	12.0	66.0	<0.01	<0.1	<5	20.0
48073 (2374958)	11.3	1380	<2	<1	1.4	1050	<0.01	<5	0.34	0.3	1.03	<0.1	19	20.0
48074 (2374959)	11.1	1880	19	<1	2.9	739	<0.01	<5	0.53	36.0	1.11	<0.1	30	18.7
48075 (2374960)	12.7	1220	9	<1	1.4	1080	<0.01	<5	0.27	0.9	0.90	0.1	19	20.4
48076 (2374961)	13.1	987	<2	<1	1.2	1200	<0.01	<5	0.22	3.8	0.48	<0.1	16	21.2
48077 (2374962)	12.4	1060	<2	<1	1.5	1070	<0.01	<5	0.28	0.5	0.86	<0.1	18	20.3
48078 (2374963)	12.8	1280	<2	<1	1.6	949	<0.01	<5	0.27	0.9	1.02	<0.1	24	20.1
48079 (2374964)	12.6	1240	<2	<1	2.4	676	<0.01	<5	0.50	0.7	0.78	<0.1	24	19.2
48080 (2374965)	12.4	1150	<2	<1	2.5	1090	<0.01	<5	0.55	0.6	0.73	<0.1	17	20.5
48081 (2374966)	12.3	1150	<2	<1	2.1	1220	<0.01	<5	0.46	0.5	0.70	<0.1	17	21.0
48082 (2374967)	13.3	1000	<2	<1	1.3	1430	<0.01	<5	0.27	0.4	0.94	<0.1	20	19.5

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736828

PROJECT: 2021 Surimeau DDH Batch 52

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
48083 (2374968)	13.4	1070	<2	<1	2.5	1080	<0.01	<5	0.56	0.5	0.60	<0.1	22	19.7
48084 (2374969)	13.2	1020	<2	<1	1.6	1200	<0.01	<5	0.32	0.7	0.57	<0.1	20	20.3
48085 (2374970)	13.8	961	<2	<1	1.3	1290	<0.01	<5	0.25	0.6	0.63	<0.1	20	20.9
48086 (2374971)	13.1	957	<2	<1	1.5	1300	<0.01	<5	0.27	0.8	0.64	0.1	19	21.1
48087 (2374972)	13.4	937	<2	<1	2.0	1130	<0.01	<5	0.38	1.4	0.58	<0.1	20	20.5
48088 (2374973)	13.2	996	<2	<1	1.7	969	<0.01	<5	0.33	0.9	0.46	<0.1	19	21.0
48089 (2374974)	13.0	974	<2	<1	1.4	1210	<0.01	<5	0.30	4.5	0.62	<0.1	20	20.3
48090 (2374975)	12.3	965	<2	1	1.8	1620	<0.01	7	0.34	147	0.39	<0.1	21	21.2
48091 (2374976)	10.5	1470	<2	2	15.4	733	0.36	11	3.43	97.6	0.45	<0.1	26	20.6
48092 (2374977)	10.5	1480	<2	2	14.6	677	0.28	10	3.37	98.7	0.20	<0.1	25	20.8
48093 (2374978)	9.49	1720	<2	4	26.0	285	0.20	14	6.32	131	0.33	<0.1	35	15.9
48094 (2374979)	12.0	1440	<2	<1	2.9	553	<0.01	<5	0.62	34.5	0.06	<0.1	9	24.9
48095C-DUP (2374980)	12.0	1420	<2	<1	2.9	554	<0.01	<5	0.57	35.5	0.04	<0.1	9	24.3
48096 (2374981)	12.2	928	<2	<1	1.5	675	<0.01	<5	0.25	101	0.20	<0.1	19	22.2
48097 (2374982)	12.7	905	<2	<1	1.2	1270	<0.01	<5	0.22	44.9	0.58	<0.1	18	21.2
48098 (2374983)	13.6	875	<2	<1	1.1	851	<0.01	<5	0.24	23.4	0.31	<0.1	20	21.0
48099 (2374984)	13.2	869	<2	<1	1.1	1210	<0.01	<5	0.21	50.0	0.42	<0.1	17	22.0
48100 (2374985)	13.6	1060	<2	<1	1.6	885	<0.01	<5	0.23	1.0	0.52	<0.1	23	20.8

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736828

PROJECT: 2021 Surimeau DDH Batch 52

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
48051 (2374936)	0.7	<1	71.8	<0.5	0.21	0.1	0.18	<0.5	0.12	0.08	143	17	7.8	0.8
48052 (2374937)	3.2	<1	136	<0.5	0.57	2.2	0.16	<0.5	0.31	1.08	29	17	19.6	1.9
48053 (2374938)	1.7	1	90.2	<0.5	0.32	0.7	0.24	<0.5	0.15	0.22	162	16	11.1	1.1
48054 (2374939)	0.5	<1	42.6	<0.5	0.17	<0.1	0.18	<0.5	0.09	<0.05	139	18	6.9	0.8
48055 (2374940)	1.2	2	31.5	<0.5	0.16	0.9	0.11	<0.5	0.07	0.25	58	20	5.2	0.5
48056 (2374941)	0.6	<1	25.4	<0.5	0.16	<0.1	0.15	<0.5	0.10	<0.05	123	21	6.1	0.6
48057 (2374942)	0.6	<1	14.6	<0.5	0.16	<0.1	0.15	<0.5	0.11	<0.05	120	19	6.6	0.7
48058 (2374943)	1.0	4	113	<0.5	0.29	<0.1	0.25	<0.5	0.18	<0.05	201	20	12.0	1.3
48059 (2374944)	1.1	7	178	<0.5	0.28	<0.1	0.27	<0.5	0.18	<0.05	213	18	11.1	1.2
48060 (2374945)	0.9	6	36.8	<0.5	0.21	0.3	0.19	3.1	0.13	0.12	148	20	8.6	0.8
48061 (2374946)	5.7	4	64.3	<0.5	0.67	9.9	0.19	<0.5	0.33	2.85	50	19	19.4	2.2
48062C-DUP (2374947)	5.6	3	64.7	<0.5	0.66	9.5	0.19	<0.5	0.32	2.74	49	19	19.5	2.2
48063 (2374948)	5.7	4	101	<0.5	0.69	9.6	0.18	<0.5	0.34	2.48	48	16	20.7	2.4
48064 (2374949)	4.3	3	69.1	<0.5	0.56	8.5	0.18	<0.5	0.27	2.35	53	20	17.0	1.9
48065 (2374950)	4.3	4	67.7	<0.5	0.56	6.6	0.18	<0.5	0.27	2.34	58	20	16.6	2.0
48066 (2374951)	2.7	10	158	<0.5	0.41	3.0	0.28	1.2	0.19	0.61	168	19	12.9	1.3
48067 (2374952)	0.9	14	65.5	<0.5	0.24	<0.1	0.20	<0.5	0.16	0.12	162	19	9.7	1.0
48068 (2374953)	4.6	5	391	<0.5	0.82	3.9	0.41	0.8	0.49	1.04	118	20	29.6	3.5
48069 (2374954)	0.8	4	78.9	<0.5	0.21	<0.1	0.20	<0.5	0.15	<0.05	147	20	9.0	1.0
48070 (2374955)	0.6	<1	17.4	<0.5	0.17	<0.1	0.16	<0.5	0.11	<0.05	127	20	7.5	0.7
48071 (2374956)	0.5	<1	41.7	<0.5	0.14	<0.1	0.15	<0.5	0.10	<0.05	113	20	6.8	0.7
48072 (2374957)	8.6	<1	255	<0.5	0.91	4.7	0.16	<0.5	0.27	1.26	26	19	20.7	1.6
48073 (2374958)	0.6	<1	33.0	<0.5	0.15	<0.1	0.15	<0.5	0.10	<0.05	113	18	6.8	0.7
48074 (2374959)	1.1	4	22.3	<0.5	0.28	<0.1	0.26	1.3	0.18	0.09	207	22	11.5	1.2
48075 (2374960)	0.6	<1	17.0	<0.5	0.17	<0.1	0.16	<0.5	0.10	<0.05	123	21	6.5	0.7
48076 (2374961)	0.5	<1	15.4	<0.5	0.14	<0.1	0.13	<0.5	0.09	<0.05	97	19	5.7	0.6
48077 (2374962)	0.7	<1	18.1	<0.5	0.17	<0.1	0.14	<0.5	0.12	0.06	105	19	6.7	0.8
48078 (2374963)	0.7	<1	19.2	<0.5	0.19	<0.1	0.20	<0.5	0.12	0.05	135	20	7.7	0.8
48079 (2374964)	0.9	<1	17.6	<0.5	0.25	<0.1	0.21	<0.5	0.14	0.09	145	20	9.4	0.9
48080 (2374965)	0.8	<1	18.2	<0.5	0.16	<0.1	0.14	<0.5	0.11	0.11	109	20	6.9	0.7
48081 (2374966)	0.8	<1	17.4	<0.5	0.18	<0.1	0.14	<0.5	0.11	0.10	121	21	7.6	0.8
48082 (2374967)	0.5	<1	14.7	<0.5	0.14	<0.1	0.17	<0.5	0.09	0.06	139	21	6.1	0.7

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736828

PROJECT: 2021 Surimeau DDH Batch 52

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
48083 (2374968)	0.7	<1	14.9	<0.5	0.18	<0.1	0.19	<0.5	0.10	0.06	137	20	7.0	0.7
48084 (2374969)	0.6	<1	17.5	<0.5	0.16	<0.1	0.16	<0.5	0.10	0.09	117	20	6.4	0.7
48085 (2374970)	0.5	<1	19.4	<0.5	0.16	<0.1	0.17	<0.5	0.09	0.10	118	19	6.3	0.7
48086 (2374971)	0.6	<1	21.1	<0.5	0.14	<0.1	0.15	<0.5	0.10	0.11	104	21	6.3	0.7
48087 (2374972)	0.6	<1	24.1	<0.5	0.16	<0.1	0.17	<0.5	0.12	0.09	123	20	6.6	0.7
48088 (2374973)	0.7	<1	25.0	<0.5	0.20	<0.1	0.14	<0.5	0.12	0.07	110	20	7.4	0.8
48089 (2374974)	0.7	<1	20.3	<0.5	0.17	<0.1	0.17	<0.5	0.11	0.09	117	20	6.5	0.7
48090 (2374975)	0.7	<1	30.5	<0.5	0.16	0.1	0.20	4.0	0.09	0.06	134	21	5.6	0.6
48091 (2374976)	4.0	5	86.4	<0.5	0.53	1.1	0.28	2.7	0.24	0.93	201	21	16.5	1.7
48092 (2374977)	3.7	6	84.3	<0.5	0.49	0.8	0.27	2.6	0.23	0.77	202	21	15.2	1.6
48093 (2374978)	5.4	2	203	<0.5	0.67	4.2	0.45	3.1	0.27	1.25	241	20	18.2	1.8
48094 (2374979)	0.9	1	39.7	<0.5	0.19	0.2	0.08	0.7	0.10	0.10	106	19	7.8	0.7
48095C-DUP (2374980)	0.9	1	39.4	<0.5	0.19	0.2	0.08	0.7	0.12	0.13	105	21	7.9	0.8
48096 (2374981)	0.6	<1	29.3	<0.5	0.14	<0.1	0.15	1.9	0.09	0.10	103	19	6.4	0.7
48097 (2374982)	0.6	<1	21.2	<0.5	0.15	<0.1	0.15	0.9	0.09	0.09	106	21	6.0	0.7
48098 (2374983)	0.5	<1	22.3	<0.5	0.15	<0.1	0.16	<0.5	0.09	0.10	118	20	6.3	0.7
48099 (2374984)	0.5	<1	23.6	<0.5	0.12	<0.1	0.14	0.9	0.09	0.08	98	21	5.3	0.7
48100 (2374985)	0.6	<1	17.5	<0.5	0.19	<0.1	0.19	<0.5	0.13	0.09	126	20	7.6	0.9

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736828

PROJECT: 2021 Surimeau DDH Batch 52

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
48051 (2374936)	64	19.6
48052 (2374937)	33	158
48053 (2374938)	65	34.0
48054 (2374939)	54	17.9
48055 (2374940)	80	33.9
48056 (2374941)	61	11.3
48057 (2374942)	48	15.0
48058 (2374943)	69	22.8
48059 (2374944)	87	24.7
48060 (2374945)	223	22.7
48061 (2374946)	3520	150
48062C-DUP (2374947)	3610	145
48063 (2374948)	3350	138
48064 (2374949)	4510	113
48065 (2374950)	4710	105
48066 (2374951)	137	33.6
48067 (2374952)	197	18.5
48068 (2374953)	9330	134
48069 (2374954)	77	17.7
48070 (2374955)	62	16.0
48071 (2374956)	49	15.0
48072 (2374957)	14	120
48073 (2374958)	95	13.4
48074 (2374959)	379	23.8
48075 (2374960)	168	14.0
48076 (2374961)	90	11.2
48077 (2374962)	113	13.8
48078 (2374963)	133	17.2
48079 (2374964)	131	20.0
48080 (2374965)	100	13.6
48081 (2374966)	86	14.8
48082 (2374967)	80	15.4

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736828

PROJECT: 2021 Surimeau DDH Batch 52

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
48083 (2374968)	67	19.9
48084 (2374969)	62	13.0
48085 (2374970)	59	14.0
48086 (2374971)	57	18.6
48087 (2374972)	57	16.4
48088 (2374973)	52	13.2
48089 (2374974)	58	17.0
48090 (2374975)	98	16.9
48091 (2374976)	132	35.7
48092 (2374977)	139	33.4
48093 (2374978)	123	97.4
48094 (2374979)	72	5.5
48095C-DUP (2374980)	73	5.5
48096 (2374981)	66	11.4
48097 (2374982)	52	14.6
48098 (2374983)	54	17.1
48099 (2374984)	57	13.9
48100 (2374985)	51	16.3

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736828

PROJECT: 2021 Surimeau DDH Batch 52

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
48051 (2374936)	81.09
48070 (2374955)	83.30
48090 (2374975)	85.83

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O736828

PROJECT: 2021 Surimeau DDH Batch 52

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 21, 2021 | DATE RECEIVED: Apr 21, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
48051 (2374936)	86.26
48087 (2374972)	85.23

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O736828

PROJECT: 2021 Surimeau DDH Batch 52

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2374936	< 1	< 1	0.0%	2374950	< 1	1		2374961	< 1	< 1	0.0%	2374976	< 1	1	
Al	2374936	3.47	3.38	2.6%	2374950	5.22	4.98	4.7%	2374961	2.41	2.39	0.8%	2374976	4.11	4.13	0.5%
As	2374936	< 5	< 5	0.0%	2374950	< 5	< 5	0.0%	2374961	< 5	< 5	0.0%	2374976	< 5	< 5	0.0%
B	2374936	< 20	< 20	0.0%	2374950	< 20	< 20	0.0%	2374961	< 20	< 20	0.0%	2374976	< 20	< 20	0.0%
Ba	2374936	2.6	1.9	31.1%	2374950	122	120	1.7%	2374961	10.4	10.2	1.9%	2374976	444	449	1.1%
Be	2374936	< 5	< 5	0.0%	2374950	< 5	< 5	0.0%	2374961	< 5	< 5	0.0%	2374976	< 5	< 5	0.0%
Bi	2374936	< 0.1	< 0.1	0.0%	2374950	2.2	2.2	0.0%	2374961	< 0.1	< 0.1	0.0%	2374976	0.3	0.3	0.0%
Ca	2374936	4.65	4.64	0.2%	2374950	1.05	1.02	2.9%	2374961	4.96	4.92	0.8%	2374976	6.76	6.76	0.0%
Cd	2374936	< 0.2	< 0.2	0.0%	2374950	10.1	9.52	5.9%	2374961	< 0.2	< 0.2	0.0%	2374976	0.27	0.24	11.8%
Ce	2374936	2.8	2.12	27.6%	2374950	55.1	55.5	0.7%	2374961	1.1	1.1	0.0%	2374976	23.7	25.4	6.9%
Co	2374936	103	102	1.0%	2374950	98.9	97.7	1.2%	2374961	90.7	92.5	2.0%	2374976	75.6	80.1	5.8%
Cr	2374936	0.229	0.230	0.4%	2374950	0.024	0.024	0.0%	2374961	0.169	0.168	0.6%	2374976	0.137	0.138	0.7%
Cs	2374936	0.3	0.36	18.2%	2374950	< 0.1	< 0.1	0.0%	2374961	0.9	0.9	0.0%	2374976	20.5	22.2	8.0%
Cu	2374936	88	85	3.5%	2374950	669	653	2.4%	2374961	48	50	4.1%	2374976	27	27	0.0%
Dy	2374936	1.35	1.30	3.8%	2374950	3.12	3.01	3.6%	2374961	0.95	1.02	7.1%	2374976	3.02	3.12	3.3%
Er	2374936	0.86	0.92	6.7%	2374950	1.95	1.88	3.7%	2374961	0.623	0.667	6.8%	2374976	1.75	1.82	3.9%
Eu	2374936	0.29	0.273	6.0%	2374950	1.52	1.53	0.7%	2374961	0.139	0.121	13.8%	2374976	2.08	2.18	4.7%
Fe	2374936	7.21	7.27	0.8%	2374950	9.02	8.70	3.6%	2374961	5.49	5.45	0.7%	2374976	7.49	7.50	0.1%
Ga	2374936	8.24	8.18	0.7%	2374950	17.0	17.9	5.2%	2374961	7.91	7.82	1.1%	2374976	14.7	15.6	5.9%
Gd	2374936	1.11	1.16	4.4%	2374950	3.82	3.79	0.8%	2374961	0.86	0.81	6.0%	2374976	3.61	3.79	4.9%
Ge	2374936	2	2	0.0%	2374950	< 1	< 1	0.0%	2374961	4	3	28.6%	2374976	4	4	0.0%
Hf	2374936	< 1	< 1	0.0%	2374950	3	3	0.0%	2374961	< 1	< 1	0.0%	2374976	1	1	0.0%
Ho	2374936	0.30	0.282	6.2%	2374950	0.64	0.64	0.0%	2374961	0.20	0.20	0.0%	2374976	0.619	0.647	4.4%
In	2374936	< 0.2	< 0.2	0.0%	2374950	1.06	1.01	4.8%	2374961	< 0.2	< 0.2	0.0%	2374976	< 0.2	< 0.2	0.0%
K	2374936	< 0.05	< 0.05	0.0%	2374950	0.070	0.063	10.5%	2374961	0.06	0.06	0.0%	2374976	1.96	1.96	0.0%
La	2374936	1.1	0.8	31.6%	2374950	25.5	25.7	0.8%	2374961	0.3	0.3	0.0%	2374976	10.5	11.0	4.7%
Li	2374936	< 10	< 10	0.0%	2374950	< 10	< 10	0.0%	2374961	< 10	< 10	0.0%	2374976	109	106	2.8%
Lu	2374936	0.10	0.11	9.5%	2374950	0.293	0.299	2.0%	2374961	0.10	0.07		2374976	0.25	0.24	4.1%
Mg	2374936	14.5	14.4	0.7%	2374950	0.77	0.79	2.6%	2374961	13.1	13.1	0.0%	2374976	10.5	10.7	1.9%
Mn	2374936	1220	1220	0.0%	2374950	305	298	2.3%	2374961	987	984	0.3%	2374976	1470	1460	0.7%
Mo	2374936	< 2	< 2	0.0%	2374950	9	9	0.0%	2374961	< 2	< 2	0.0%	2374976	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Nb	2374936	< 1	< 1	0.0%	2374950	5	5	0.0%	2374961	< 1	< 1	0.0%	2374976	2	3	
Nd	2374936	2.1	1.84	13.2%	2374950	24.4	24.5	0.4%	2374961	1.2	1.2	0.0%	2374976	15.4	16.1	4.4%
Ni	2374936	1200	1190	0.8%	2374950	410	408	0.5%	2374961	1200	1190	0.8%	2374976	733	744	1.5%
P	2374936	< 0.01	< 0.01	0.0%	2374950	0.02	0.02	0.0%	2374961	< 0.01	< 0.01	0.0%	2374976	0.36	0.36	0.0%
Pb	2374936	< 5	< 5	0.0%	2374950	73	70	4.2%	2374961	< 5	< 5	0.0%	2374976	11	10	9.5%
Pr	2374936	0.43	0.373	14.2%	2374950	6.69	6.78	1.3%	2374961	0.22	0.23	4.4%	2374976	3.43	3.57	4.0%
Rb	2374936	0.9	0.7	25.0%	2374950	1.93	1.97	2.1%	2374961	3.8	4.1	7.6%	2374976	97.6	103	5.4%
S	2374936	0.16	0.15	6.5%	2374950	5.32	5.25	1.3%	2374961	0.475	0.452	5.0%	2374976	0.452	0.475	5.0%
Sb	2374936	< 0.1	< 0.1	0.0%	2374950	< 0.1	< 0.1	0.0%	2374961	< 0.1	< 0.1	0.0%	2374976	< 0.1	< 0.1	0.0%
Sc	2374936	23	23	0.0%	2374950	15	15	0.0%	2374961	16	16	0.0%	2374976	26	27	3.8%
Si	2374936	19.8	19.7	0.5%	2374950	21.6	20.4	5.7%	2374961	21.2	21.2	0.0%	2374976	20.6	20.6	0.0%
Sm	2374936	0.7	0.78	10.8%	2374950	4.34	4.48	3.2%	2374961	0.51	0.41	21.7%	2374976	4.0	3.9	2.5%
Sn	2374936	< 1	< 1	0.0%	2374950	4	4	0.0%	2374961	< 1	< 1	0.0%	2374976	5	6	18.2%
Sr	2374936	71.8	69.1	3.8%	2374950	67.7	64.5	4.8%	2374961	15.4	15.3	0.7%	2374976	86.4	86.0	0.5%
Ta	2374936	< 0.5	< 0.5	0.0%	2374950	< 0.5	< 0.5	0.0%	2374961	< 0.5	< 0.5	0.0%	2374976	< 0.5	< 0.5	0.0%
Tb	2374936	0.21	0.20	4.9%	2374950	0.563	0.575	2.1%	2374961	0.145	0.114	23.9%	2374976	0.534	0.561	4.9%
Th	2374936	0.1	< 0.1		2374950	6.61	7.27	9.5%	2374961	< 0.1	< 0.1	0.0%	2374976	1.1	1.1	0.0%
Ti	2374936	0.18	0.18	0.0%	2374950	0.18	0.18	0.0%	2374961	0.13	0.13	0.0%	2374976	0.279	0.272	2.5%
Tl	2374936	< 0.5	< 0.5	0.0%	2374950	< 0.5	< 0.5	0.0%	2374961	< 0.5	< 0.5	0.0%	2374976	2.7	2.9	7.1%
Tm	2374936	0.12	0.12	0.0%	2374950	0.27	0.29	7.1%	2374961	0.09	0.09	0.0%	2374976	0.24	0.24	0.0%
U	2374936	0.08	0.071	11.9%	2374950	2.34	2.07	12.2%	2374961	< 0.05	< 0.05	0.0%	2374976	0.933	0.885	5.3%
V	2374936	143	142	0.7%	2374950	58	58	0.0%	2374961	97	96	1.0%	2374976	201	206	2.5%
W	2374936	17	16	6.1%	2374950	20	21	4.9%	2374961	19	20	5.1%	2374976	21	20	4.9%
Y	2374936	7.8	7.87	0.9%	2374950	16.6	16.7	0.6%	2374961	5.74	5.81	1.2%	2374976	16.5	17.4	5.3%
Yb	2374936	0.8	0.8	0.0%	2374950	2.0	2.0	0.0%	2374961	0.6	0.6	0.0%	2374976	1.7	1.7	0.0%
Zn	2374936	64	51	22.6%	2374950	4710	4520	4.1%	2374961	90	95	5.4%	2374976	132	130	1.5%
Zr	2374936	19.6	17.5	11.3%	2374950	105	115	9.1%	2374961	11.2	12.5	11.0%	2374976	35.7	36.9	3.3%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O736828

PROJECT: 2021 Surimeau DDH Batch 52

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	7.96	94%	90% - 110%					6.94	6.19	89%	90% - 110%	13.0	11.7	90%	90% - 110%
As	26	28	108%	90% - 110%												
Ba	540	509	94%	90% - 110%									1310	1194	91%	90% - 110%
Be	4.0	4.4	109%	90% - 110%												
Ca	0.907	0.851	94%	90% - 110%					4.01	3.6	90%	90% - 110%	1.42	1.26	89%	90% - 110%
Ce	98	104	106%	90% - 110%	58.2	66	113%	90% - 110%								
Co	15	14	96%	90% - 110%												
Cu	150	149	99%	90% - 110%									6.4	6.3	98%	90% - 110%
Er	3.7	4.1	110%	90% - 110%												
Fe	3.77	3.76	100%	90% - 110%					7.56	7.05	93%	90% - 110%	3.27	3.07	94%	90% - 110%
Ga					22.6	25.3	112%	90% - 110%								
Hf	11	10	95%	90% - 110%												
K	2.55	2.37	93%	90% - 110%					2.02	1.78	88%	90% - 110%	3.68	3.36	91%	90% - 110%
La	44	45	103%	90% - 110%	27.5	30.7	111%	90% - 110%								
Li	47	46	97%	90% - 110%									65.0	61.3	94%	90% - 110%
Lu	0.6	0.6	94%	90% - 110%												
Mg	1.1	1	93%	90% - 110%					2.41	2.13	88%	90% - 110%				
Mn	780	734	94%	90% - 110%												
Mo	14	14	98%	90% - 110%												
Nb	20	19	94%	90% - 110%	22.6	24.2	107%	90% - 110%								
Nd					27.3	29.3	107%	90% - 110%								
Ni	32	33	104%	90% - 110%												
P													0.061	0.046	76%	90% - 110%
Pb	31	30	98%	90% - 110%												
Rb	144	144	100%	90% - 110%	85.4	91.3	107%	90% - 110%								
Sb	0.8	0.7	92%	90% - 110%												
Sc	12	12	99%	90% - 110%												
Si	28.4	27.7	97%	90% - 110%					23.65	21.68	92%	90% - 110%	24.4	22.5	92%	90% - 110%
Sm	7.4	8	109%	90% - 110%												
Sr	144	148	103%	90% - 110%									310	299	96%	90% - 110%
Ta	1.9	1.8	93%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT QC

ATTENTION TO: Francis Newton

Tb	1.2	1.2	100%	90% - 110%												
Th	18.4	18.3	100%	90% - 110%												
Ti	0.527	0.494	94%	90% - 110%									0.222	0.194	87%	90% - 110%
U	5.7	5.4	95%	90% - 110%												
V	77	79	102%	90% - 110%												
Y	40	37	92%	90% - 110%	25.3	26.4	104%	90% - 110%								
Yb					2.66	2.99	113%	90% - 110%								
Zn	130	118	91%	90% - 110%									75.4	62.9	83%	90% - 110%
Zr	390	392	101%	90% - 110%	157	168	107%	90% - 110%								

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O736828

PROJECT: 2021 Surimeau DDH Batch 52

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O736828

PROJECT: 2021 Surimeau DDH Batch 52

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT QC

AGAT WORK ORDER: 21O736828

PROJECT: 2021 Surimeau DDH Batch 52

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton
PROJECT: 2021 Surimeau DDH Batch 57
AGAT WORK ORDER: 21O769285
SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer
DATE REPORTED: Sep 27, 2021
PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769285

PROJECT: 2021 Surimeau DDH Batch 57

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
48501 (2686724)	3.78
48502 (2686725)	1.22
48503 (2686726)	2.88
48504 (2686727)	3.38
48505 (2686728)	0.07
48506 (2686729)	3.20
48507 (2686730)	3.43
48508 (2686731)	3.39
48509 (2686732)	3.89
48510 (2686733)	3.76
48511 (2686734)	3.46
48512 C-DUP (2686735)	-
48513 (2686736)	2.42
48514 (2686737)	1.48
48515 (2686738)	1.75
48516 (2686739)	3.64
48517 (2686740)	3.42
48518 (2686741)	3.78
48519 (2686742)	3.23
48520 (2686743)	3.27
48521 (2686744)	3.33
48522 (2686745)	0.92
48523 (2686746)	3.55
48524 (2686747)	3.04
48525 (2686748)	3.50
48526 (2686749)	3.04
48527 (2686750)	3.31
48528 (2686751)	3.71
48529 (2686752)	3.49
48530 (2686753)	3.04
48531 (2686754)	3.44

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769285

PROJECT: 2021 Surimeau DDH Batch 57

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
48532 (2686755)	3.26
48533 (2686756)	3.41
48534 (2686757)	3.59
48535 (2686758)	3.04
48536 (2686759)	3.37
48537 (2686760)	3.46
48538 (2686761)	3.27
48539 (2686762)	3.36
48540 (2686763)	3.80
48541 (2686764)	1.81
48542 (2686765)	1.57
48543 (2686766)	3.96
48544 (2686767)	3.48
48545 C-DUP (2686768)	-
48546 (2686769)	3.59
48547 (2686770)	3.52
48548 (2686771)	3.75
48549 (2686772)	3.27
48550 (2686773)	3.41

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769285

PROJECT: 2021 Surimeau DDH Batch 57

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
48501 (2686724)	<1	3.41	<5	<20	3.9	<5	0.3	4.60	<0.2	1.2	80.6	0.180	0.6	34
48502 (2686725)	<1	2.93	<5	<20	964	<5	<0.1	10.1	<0.2	38.2	3.9	0.012	0.6	7
48503 (2686726)	<1	3.13	<5	<20	4.4	<5	0.3	4.33	<0.2	1.2	88.3	0.205	0.8	18
48504 (2686727)	<1	2.79	<5	<20	5.9	<5	0.5	4.85	<0.2	1.8	84.3	0.193	0.6	9
48505 (2686728)	4	0.99	26	114	56.0	<5	0.5	2.23	1.1	10.3	1160	0.021	0.7	13400
48506 (2686729)	2	3.44	<5	<20	2.1	<5	0.3	3.90	<0.2	1.4	88.9	0.239	0.6	69
48507 (2686730)	1	3.44	<5	<20	2.8	<5	0.4	3.12	<0.2	1.0	91.7	0.226	0.7	28
48508 (2686731)	<1	2.82	<5	<20	3.3	<5	0.8	3.64	<0.2	1.5	90.5	0.196	0.6	<5
48509 (2686732)	<1	3.03	<5	<20	2.6	<5	0.5	3.89	<0.2	1.5	92.2	0.214	0.6	9
48510 (2686733)	<1	3.17	<5	<20	4.0	<5	0.5	4.01	<0.2	1.8	91.1	0.211	0.8	16
48511 (2686734)	2	3.00	<5	<20	4.7	<5	0.6	4.01	<0.2	2.3	89.4	0.210	0.8	19
48512 C-DUP (2686735)	2	2.98	<5	<20	4.0	<5	0.5	4.04	<0.2	2.3	91.9	0.211	0.9	20
48513 (2686736)	1	3.04	<5	<20	115	<5	2.0	4.87	<0.2	3.4	88.4	0.216	7.9	28
48514 (2686737)	<1	3.23	<5	<20	234	<5	1.0	6.26	<0.2	2.1	95.3	0.235	14.1	28
48515 (2686738)	<1	3.33	<5	<20	259	<5	1.6	6.02	0.2	2.3	99.5	0.246	15.3	24
48516 (2686739)	1	2.76	<5	<20	56.1	<5	1.2	8.33	<0.2	1.8	84.5	0.193	3.0	28
48517 (2686740)	3	3.05	<5	<20	<0.5	<5	0.4	6.94	<0.2	2.3	92.7	0.214	0.2	42
48518 (2686741)	<1	2.83	<5	<20	<0.5	<5	0.7	4.78	<0.2	1.4	93.2	0.209	0.2	51
48519 (2686742)	<1	2.42	<5	<20	<0.5	<5	1.1	3.59	<0.2	0.9	96.5	0.184	0.2	<5
48520 (2686743)	1	2.49	<5	<20	<0.5	<5	1.0	2.94	<0.2	1.0	94.3	0.187	0.2	<5
48521 (2686744)	2	2.46	<5	<20	0.9	<5	0.7	4.01	<0.2	1.0	90.3	0.183	0.2	<5
48522 (2686745)	3	3.07	<5	<20	319	<5	<0.1	6.76	<0.2	58.1	7.0	0.013	0.7	<5
48523 (2686746)	3	2.72	<5	<20	0.8	<5	0.6	5.13	<0.2	1.8	85.7	0.196	0.2	38
48524 (2686747)	2	2.97	<5	<20	<0.5	<5	0.4	5.76	<0.2	1.7	92.6	0.198	0.2	56
48525 (2686748)	<1	2.68	<5	<20	0.7	<5	0.5	6.07	<0.2	1.1	88.6	0.187	0.2	36
48526 (2686749)	<1	2.06	<5	<20	<0.5	<5	0.5	7.10	<0.2	1.2	80.3	0.163	0.1	18
48527 (2686750)	<1	2.69	<5	<20	<0.5	<5	0.5	6.06	<0.2	1.1	89.6	0.195	0.2	42
48528 (2686751)	<1	2.49	<5	<20	0.6	<5	0.4	6.08	<0.2	1.1	84.4	0.176	0.2	43
48529 (2686752)	<1	2.63	<5	<20	0.6	<5	0.4	5.76	<0.2	1.1	83.9	0.170	0.2	22
48530 (2686753)	<1	2.23	<5	<20	<0.5	<5	0.7	6.07	<0.2	1.0	94.1	0.170	0.3	18
48531 (2686754)	<1	2.87	<5	<20	1.4	<5	0.8	4.44	<0.2	0.9	97.2	0.190	0.4	7
48532 (2686755)	1	2.65	<5	<20	1.4	<5	0.8	3.64	<0.2	0.8	96.5	0.194	0.3	<5

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769285

PROJECT: 2021 Surimeau DDH Batch 57

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
48533 (2686756)	1	2.27	<5	<20	0.6	<5	0.6	5.80	<0.2	1.5	88.6	0.183	0.3	42
48534 (2686757)	<1	2.87	<5	<20	43.9	<5	1.3	3.20	<0.2	0.8	102	0.208	6.1	<5
48535 (2686758)	<1	2.89	<5	<20	203	<5	1.0	4.06	<0.2	0.7	93.0	0.201	33.2	<5
48536 (2686759)	2	2.65	<5	<20	192	<5	0.5	4.74	<0.2	0.9	74.7	0.156	29.7	<5
48537 (2686760)	1	2.57	<5	<20	168	<5	0.9	4.68	<0.2	0.8	93.1	0.186	24.2	<5
48538 (2686761)	2	2.60	<5	<20	217	<5	0.6	5.54	<0.2	1.1	89.2	0.183	26.8	<5
48539 (2686762)	<1	2.82	<5	<20	256	<5	0.5	5.79	0.2	1.2	82.5	0.178	25.6	<5
48540 (2686763)	2	3.94	<5	<20	405	<5	1.2	5.27	<0.2	2.5	147	0.311	29.6	<5
48541 (2686764)	2	5.41	<5	<20	36.8	12	11.5	7.23	0.3	5.8	228	0.568	0.3	42
48542 (2686765)	4	5.45	<5	<20	35.0	10	11.2	7.39	<0.2	5.0	218	0.596	0.3	41
48543 (2686766)	1	6.04	<5	<20	66.8	7	2.4	7.38	0.3	4.1	162	0.431	1.5	25
48544 (2686767)	5	5.49	<5	<20	262	<5	0.6	5.87	<0.2	3.2	99.8	0.265	21.0	<5
48545 C-DUP (2686768)	<1	5.38	<5	<20	254	<5	0.8	5.76	<0.2	3.7	113	0.265	22.9	<5
48546 (2686769)	3	3.20	<5	<20	112	<5	0.4	5.95	<0.2	2.6	91.0	0.202	13.2	109
48547 (2686770)	<1	2.79	<5	<20	5.4	<5	0.4	5.46	<0.2	1.3	92.5	0.198	1.1	124
48548 (2686771)	1	3.66	<5	<20	67.6	<5	0.4	5.56	<0.2	3.2	113	0.243	6.6	46
48549 (2686772)	3	4.12	<5	<20	124	<5	0.3	5.29	<0.2	3.4	95.9	0.222	11.6	21
48550 (2686773)	1	3.46	<5	<20	325	<5	0.3	5.99	<0.2	1.7	94.8	>30	22.1	18

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769285

PROJECT: 2021 Surimeau DDH Batch 57

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
48501 (2686724)	1.20	0.75	0.22	6.56	8.26	0.99	2	<1	0.27	<0.2	<0.05	0.4	<10	0.10
48502 (2686725)	2.63	1.54	0.88	1.28	6.65	3.25	1	4	0.56	<0.2	2.05	17.4	17	0.25
48503 (2686726)	1.14	0.65	0.15	7.00	7.08	0.88	2	<1	0.24	<0.2	<0.05	0.4	<10	0.10
48504 (2686727)	1.00	0.69	0.13	6.54	6.63	0.94	2	<1	0.22	<0.2	<0.05	0.6	<10	0.10
48505 (2686728)	0.89	0.48	0.21	32.3	3.02	1.04	<1	<1	0.17	<0.2	0.10	5.4	<10	0.06
48506 (2686729)	1.49	0.93	0.16	7.40	6.83	1.14	2	<1	0.32	<0.2	<0.05	0.5	<10	0.10
48507 (2686730)	1.16	0.76	0.11	7.26	7.24	0.87	2	<1	0.25	<0.2	<0.05	0.3	<10	0.10
48508 (2686731)	0.97	0.64	0.17	6.83	6.04	0.82	2	<1	0.22	<0.2	<0.05	0.5	<10	0.10
48509 (2686732)	1.22	0.82	0.17	7.13	6.75	1.06	2	<1	0.28	<0.2	<0.05	0.6	<10	0.12
48510 (2686733)	1.14	0.86	0.18	7.22	6.95	0.96	1	<1	0.24	<0.2	<0.05	0.8	<10	0.10
48511 (2686734)	1.18	0.78	0.19	6.97	7.50	0.92	2	<1	0.28	<0.2	<0.05	1.0	<10	0.10
48512 C-DUP (2686735)	1.24	0.85	0.19	7.02	7.25	1.05	2	<1	0.30	<0.2	<0.05	0.9	<10	0.12
48513 (2686736)	1.47	0.87	0.29	6.84	9.69	1.21	3	<1	0.33	<0.2	0.53	1.2	31	0.12
48514 (2686737)	1.19	0.82	0.46	6.81	9.63	1.10	3	<1	0.27	<0.2	1.03	0.8	53	0.11
48515 (2686738)	1.42	0.88	0.45	6.90	10.7	1.13	4	<1	0.30	<0.2	1.14	0.8	58	0.09
48516 (2686739)	1.05	0.72	0.35	6.40	7.56	0.89	3	<1	0.24	<0.2	0.26	0.7	17	0.12
48517 (2686740)	1.31	0.79	0.26	6.82	7.58	1.03	2	<1	0.31	<0.2	<0.05	1.2	<10	0.13
48518 (2686741)	1.08	0.64	0.08	6.45	7.26	0.79	3	<1	0.26	<0.2	<0.05	0.6	<10	0.11
48519 (2686742)	1.00	0.60	0.06	6.36	6.45	0.75	3	<1	0.22	<0.2	<0.05	0.3	<10	0.09
48520 (2686743)	1.01	0.64	0.05	6.41	9.76	0.81	2	<1	0.21	<0.2	<0.05	0.4	<10	0.11
48521 (2686744)	1.10	0.72	0.05	6.40	6.85	0.82	2	<1	0.24	<0.2	<0.05	0.4	<10	0.10
48522 (2686745)	3.61	1.83	0.99	2.12	8.62	4.68	1	4	0.69	<0.2	1.75	26.7	26	0.24
48523 (2686746)	1.18	0.84	0.10	6.42	6.94	1.12	3	<1	0.28	<0.2	<0.05	0.6	<10	0.11
48524 (2686747)	1.36	0.78	0.16	6.79	7.38	1.04	3	<1	0.26	<0.2	<0.05	0.6	<10	0.14
48525 (2686748)	1.10	0.74	0.13	6.19	6.69	0.73	2	<1	0.23	<0.2	<0.05	0.3	<10	0.09
48526 (2686749)	1.01	0.60	0.17	5.85	5.16	0.80	3	<1	0.22	<0.2	<0.05	0.4	<10	0.10
48527 (2686750)	1.03	0.68	0.14	6.25	8.73	0.81	3	<1	0.22	<0.2	<0.05	0.3	<10	0.09
48528 (2686751)	1.02	0.64	0.13	6.09	7.01	0.67	3	<1	0.22	<0.2	<0.05	0.4	<10	0.09
48529 (2686752)	0.99	0.58	0.17	6.00	6.92	0.67	3	<1	0.21	<0.2	<0.05	0.4	<10	0.10
48530 (2686753)	1.02	0.63	0.14	5.63	7.98	0.74	2	<1	0.21	<0.2	<0.05	0.3	<10	0.09
48531 (2686754)	1.05	0.74	0.11	6.28	7.97	0.94	2	<1	0.24	<0.2	<0.05	0.3	<10	0.10
48532 (2686755)	1.03	0.72	0.06	6.62	7.66	0.72	2	<1	0.22	<0.2	<0.05	0.2	<10	0.09

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769285

PROJECT: 2021 Surimeau DDH Batch 57

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
48533 (2686756)	1.36	0.83	0.17	5.78	6.41	1.00	3	<1	0.30	<0.2	<0.05	0.5	<10	0.09
48534 (2686757)	0.97	0.60	0.08	7.16	8.13	0.73	2	<1	0.21	<0.2	0.38	0.2	18	0.10
48535 (2686758)	1.16	0.68	0.12	5.85	8.36	0.86	3	<1	0.25	<0.2	2.22	0.2	73	0.08
48536 (2686759)	0.96	0.51	0.13	5.58	8.73	0.65	3	<1	0.19	<0.2	2.23	0.3	73	0.09
48537 (2686760)	1.00	0.70	0.10	5.86	7.83	0.77	2	<1	0.24	<0.2	1.66	0.2	57	0.09
48538 (2686761)	1.09	0.72	0.20	5.73	8.15	0.79	3	<1	0.26	<0.2	1.87	0.3	76	0.10
48539 (2686762)	0.95	0.63	0.27	5.81	8.98	0.78	2	<1	0.22	<0.2	1.94	0.3	91	0.08
48540 (2686763)	2.16	1.28	0.46	6.62	10.7	1.47	2	<1	0.45	<0.2	2.18	0.8	134	0.18
48541 (2686764)	3.68	2.34	1.08	8.70	18.5	3.17	3	1	0.84	<0.2	0.19	2.4	38	0.34
48542 (2686765)	3.56	2.25	0.98	8.84	16.6	2.83	3	1	0.79	<0.2	0.20	1.9	36	0.33
48543 (2686766)	3.41	2.27	0.84	9.56	16.5	2.68	3	1	0.81	<0.2	0.29	1.5	32	0.34
48544 (2686767)	2.52	1.62	0.66	8.09	11.5	1.89	2	<1	0.54	<0.2	1.67	1.2	102	0.23
48545 C-DUP (2686768)	2.64	1.84	0.76	7.98	13.0	2.15	3	<1	0.62	<0.2	1.61	1.4	98	0.23
48546 (2686769)	1.75	1.04	0.21	7.06	7.76	1.48	3	<1	0.39	<0.2	0.92	0.9	44	0.17
48547 (2686770)	1.18	0.78	0.09	6.26	7.74	0.96	2	<1	0.24	<0.2	0.05	0.4	<10	0.09
48548 (2686771)	1.78	1.17	0.23	6.91	8.55	1.54	3	<1	0.38	<0.2	0.55	1.6	34	0.16
48549 (2686772)	2.38	1.58	0.27	7.30	10.7	1.86	2	<1	0.52	<0.2	0.90	1.4	47	0.21
48550 (2686773)	1.32	0.89	0.29	6.58	8.65	1.05	2	<1	0.30	<0.2	1.74	0.5	82	0.14

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769285

PROJECT: 2021 Surimeau DDH Batch 57

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
48501 (2686724)	14.4	1050	<2	<1	1.5	1070	<0.01	<5	0.27	1.0	0.17	<0.1	20	21.8
48502 (2686725)	4.05	567	<2	5	16.9	16	0.03	5	4.65	42.0	0.21	<0.1	6	24.0
48503 (2686726)	14.4	1180	<2	<1	1.1	1230	<0.01	<5	0.19	1.6	0.13	<0.1	21	22.4
48504 (2686727)	14.4	1170	<2	<1	1.4	1270	<0.01	<5	0.27	1.8	0.12	<0.1	19	20.6
48505 (2686728)	1.78	530	<2	<1	4.8	19600	<0.01	39	1.24	4.0	20.3	0.4	8	6.99
48506 (2686729)	15.1	968	<2	<1	1.5	1100	<0.01	<5	0.28	1.3	0.24	<0.1	25	21.1
48507 (2686730)	14.6	1010	<2	<1	1.1	1230	<0.01	<5	0.18	1.7	0.14	0.1	23	20.8
48508 (2686731)	15.2	1150	<2	<1	1.4	1290	<0.01	<5	0.25	1.4	0.07	<0.1	21	20.1
48509 (2686732)	15.4	1100	<2	<1	1.6	1250	<0.01	<5	0.29	1.8	0.10	<0.1	21	20.2
48510 (2686733)	15.1	1160	<2	<1	1.6	1170	<0.01	<5	0.29	2.0	0.13	<0.1	23	19.6
48511 (2686734)	15.0	1150	<2	<1	1.8	1130	<0.01	<5	0.37	2.1	0.18	<0.1	21	20.9
48512 C-DUP (2686735)	15.0	1150	<2	<1	1.8	1160	<0.01	<5	0.33	2.1	0.17	<0.1	22	21.1
48513 (2686736)	14.3	1230	<2	<1	2.8	1140	<0.01	<5	0.58	29.0	0.23	0.2	23	22.9
48514 (2686737)	12.0	1270	<2	<1	1.9	1230	<0.01	<5	0.39	50.8	0.29	0.1	23	23.3
48515 (2686738)	11.9	1270	<2	<1	1.8	1290	<0.01	<5	0.41	55.9	0.30	<0.1	24	23.0
48516 (2686739)	11.4	1320	<2	<1	1.5	1100	0.04	<5	0.28	11.2	0.35	<0.1	20	22.7
48517 (2686740)	12.7	1470	<2	<1	1.8	1220	<0.01	<5	0.34	0.5	0.66	<0.1	22	20.5
48518 (2686741)	13.8	954	<2	<1	1.6	1240	<0.01	<5	0.22	0.4	0.49	<0.1	19	21.7
48519 (2686742)	15.6	811	<2	<1	1.1	1390	<0.01	<5	0.17	0.4	0.10	<0.1	17	24.3
48520 (2686743)	14.7	790	<2	<1	1.2	1290	<0.01	<5	0.18	0.4	0.06	<0.1	19	23.2
48521 (2686744)	15.0	980	<2	<1	1.1	1250	<0.01	<5	0.19	0.6	0.13	0.1	20	23.5
48522 (2686745)	2.60	470	<2	6	26.9	25	0.03	7	7.42	55.0	0.11	<0.1	6	28.2
48523 (2686746)	14.1	1070	<2	<1	1.6	1020	<0.01	<5	0.30	0.7	0.39	<0.1	20	22.7
48524 (2686747)	13.2	1240	<2	<1	1.7	1050	<0.01	<5	0.29	0.5	0.58	<0.1	21	22.4
48525 (2686748)	13.1	1160	<2	<1	1.2	1230	<0.01	<5	0.21	0.5	0.48	<0.1	18	23.0
48526 (2686749)	13.5	1260	<2	<1	1.2	1110	<0.01	<5	0.21	0.4	0.35	0.1	16	24.8
48527 (2686750)	12.7	1360	<2	<1	1.1	1240	<0.01	<5	0.19	0.5	0.44	<0.1	19	23.0
48528 (2686751)	12.8	1380	<2	<1	1.0	1170	<0.01	<5	0.19	0.6	0.33	<0.1	17	23.2
48529 (2686752)	13.5	1240	<2	<1	1.0	1200	<0.01	<5	0.19	0.6	0.26	<0.1	17	22.9
48530 (2686753)	13.3	1190	<2	<1	1.1	1200	<0.01	<5	0.19	0.7	0.23	0.2	16	23.7
48531 (2686754)	14.4	1170	<2	<1	1.1	1310	<0.01	<5	0.19	1.0	0.13	<0.1	18	23.0
48532 (2686755)	14.8	1320	<2	<1	1.1	1350	<0.01	<5	0.17	1.2	0.05	<0.1	19	23.4

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769285

PROJECT: 2021 Surimeau DDH Batch 57

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
48533 (2686756)	14.0	983	<2	<1	1.7	1230	<0.01	<5	0.32	0.6	0.28	<0.1	17	23.7
48534 (2686757)	14.8	1410	<2	<1	1.0	1470	<0.01	<5	0.17	23.2	0.07	<0.1	18	22.8
48535 (2686758)	13.1	920	<2	<1	1.1	1330	<0.01	<5	0.18	132	0.05	<0.1	19	23.2
48536 (2686759)	12.8	939	<2	<1	1.0	980	<0.01	<5	0.15	118	0.03	<0.1	15	23.6
48537 (2686760)	13.3	996	<2	<1	1.0	1330	<0.01	<5	0.16	91.6	0.06	<0.1	18	24.0
48538 (2686761)	12.7	1050	<2	<1	1.3	1180	<0.01	<5	0.21	102	0.06	<0.1	18	23.9
48539 (2686762)	11.9	1300	<2	<1	1.3	1260	<0.01	<5	0.21	98.8	0.04	<0.1	17	23.1
48540 (2686763)	10.4	1580	<2	<1	2.4	1520	<0.01	6	0.41	121	0.06	<0.1	29	21.8
48541 (2686764)	7.29	2330	<2	1	4.8	2690	<0.01	14	0.93	2.7	0.39	<0.1	53	20.0
48542 (2686765)	7.46	2350	<2	1	4.4	2780	<0.01	14	0.84	2.5	0.40	<0.1	55	20.3
48543 (2686766)	7.12	2320	<2	<1	4.1	1520	<0.01	<5	0.75	6.5	0.21	<0.1	45	20.1
48544 (2686767)	8.74	1810	<2	<1	3.0	670	<0.01	5	0.53	74.9	0.04	<0.1	33	21.0
48545 C-DUP (2686768)	8.76	1790	<2	<1	3.2	665	<0.01	5	0.62	79.5	0.04	<0.1	33	20.5
48546 (2686769)	11.8	1450	<2	<1	2.2	871	<0.01	<5	0.43	45.2	0.53	<0.1	23	22.5
48547 (2686770)	12.5	1130	<2	<1	1.4	1140	<0.01	<5	0.27	3.4	0.50	<0.1	18	21.8
48548 (2686771)	11.1	1400	<2	<1	2.4	1140	0.01	<5	0.49	26.0	0.44	<0.1	25	21.1
48549 (2686772)	11.2	1540	<2	<1	3.2	649	<0.01	<5	0.56	44.4	0.27	<0.1	31	20.8
48550 (2686773)	10.7	1410	<2	<1	1.6	1060	<0.01	5	0.32	87.3	0.16	<0.1	22	22.8

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769285

PROJECT: 2021 Surimeau DDH Batch 57

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
48501 (2686724)	0.7	<1	41.6	<0.5	0.19	<0.1	0.13	<0.5	0.13	<0.05	123	<1	7.3	0.7
48502 (2686725)	3.5	<1	204	<0.5	0.54	3.5	0.13	<0.5	0.25	0.84	25	<1	14.9	1.5
48503 (2686726)	0.5	<1	61.0	<0.5	0.15	<0.1	0.16	<0.5	0.10	<0.05	109	<1	6.3	0.6
48504 (2686727)	0.5	<1	134	<0.5	0.18	<0.1	0.15	<0.5	0.10	<0.05	106	<1	6.2	0.7
48505 (2686728)	1.1	1	29.5	<0.5	0.15	0.9	0.10	<0.5	0.07	0.19	57	5	4.7	0.5
48506 (2686729)	0.7	<1	63.3	<0.5	0.22	<0.1	0.21	<0.5	0.14	<0.05	154	<1	8.4	0.9
48507 (2686730)	0.5	<1	55.0	<0.5	0.17	<0.1	0.18	<0.5	0.11	<0.05	133	<1	6.4	0.7
48508 (2686731)	0.4	<1	154	<0.5	0.16	<0.1	0.15	<0.5	0.08	<0.05	108	<1	6.1	0.6
48509 (2686732)	0.6	<1	143	<0.5	0.19	<0.1	0.17	<0.5	0.13	<0.05	126	<1	7.6	0.8
48510 (2686733)	0.6	<1	160	<0.5	0.18	<0.1	0.17	<0.5	0.11	<0.05	128	<1	7.0	0.7
48511 (2686734)	0.7	<1	91.0	<0.5	0.18	<0.1	0.17	<0.5	0.13	0.06	121	<1	7.3	0.8
48512 C-DUP (2686735)	0.6	<1	91.7	<0.5	0.22	<0.1	0.18	<0.5	0.11	0.08	123	<1	7.5	0.8
48513 (2686736)	0.9	<1	33.5	<0.5	0.22	0.2	0.16	<0.5	0.12	0.09	121	<1	8.4	0.9
48514 (2686737)	0.7	2	39.2	<0.5	0.23	<0.1	0.17	0.7	0.13	<0.05	144	<1	7.4	0.7
48515 (2686738)	0.7	2	38.7	<0.5	0.23	<0.1	0.18	0.8	0.13	0.08	148	<1	7.7	0.8
48516 (2686739)	0.6	2	68.1	<0.5	0.17	<0.1	0.16	<0.5	0.12	0.10	122	247	6.8	0.7
48517 (2686740)	0.8	<1	46.9	<0.5	0.19	<0.1	0.17	<0.5	0.14	<0.05	119	<1	7.9	0.8
48518 (2686741)	0.5	<1	24.5	<0.5	0.16	<0.1	0.16	<0.5	0.11	<0.05	114	<1	6.5	0.6
48519 (2686742)	0.5	<1	14.5	<0.5	0.16	<0.1	0.13	<0.5	0.09	<0.05	94	<1	5.6	0.7
48520 (2686743)	0.4	<1	11.0	<0.5	0.16	<0.1	0.14	<0.5	0.11	<0.05	96	<1	6.0	0.7
48521 (2686744)	0.5	<1	14.3	<0.5	0.16	<0.1	0.13	<0.5	0.09	<0.05	96	<1	6.5	0.7
48522 (2686745)	5.0	<1	156	<0.5	0.72	4.9	0.17	<0.5	0.26	1.64	38	<1	18.9	1.6
48523 (2686746)	0.5	<1	16.1	<0.5	0.19	<0.1	0.15	<0.5	0.13	<0.05	113	<1	7.7	0.8
48524 (2686747)	0.6	<1	17.9	<0.5	0.20	<0.1	0.18	<0.5	0.11	<0.05	118	<1	7.8	0.8
48525 (2686748)	0.4	<1	18.5	<0.5	0.15	<0.1	0.14	<0.5	0.10	<0.05	103	<1	6.0	0.6
48526 (2686749)	0.5	<1	23.9	<0.5	0.15	<0.1	0.12	<0.5	0.09	<0.05	93	<1	6.1	0.6
48527 (2686750)	0.4	<1	20.3	<0.5	0.14	<0.1	0.15	<0.5	0.09	0.05	107	<1	6.2	0.7
48528 (2686751)	0.4	<1	20.1	<0.5	0.12	<0.1	0.13	<0.5	0.10	<0.05	97	<1	5.6	0.6
48529 (2686752)	0.4	<1	18.6	<0.5	0.12	<0.1	0.12	<0.5	0.08	0.06	101	<1	5.4	0.6
48530 (2686753)	0.4	<1	19.0	<0.5	0.13	<0.1	0.12	<0.5	0.10	0.05	94	<1	6.1	0.6
48531 (2686754)	0.4	<1	14.4	<0.5	0.17	<0.1	0.14	<0.5	0.11	<0.05	108	<1	6.4	0.7
48532 (2686755)	0.4	<1	12.3	<0.5	0.17	<0.1	0.15	<0.5	0.11	<0.05	101	<1	6.0	0.6

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769285

PROJECT: 2021 Surimeau DDH Batch 57

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
48533 (2686756)	0.6	<1	20.7	<0.5	0.22	<0.1	0.13	<0.5	0.11	<0.05	99	<1	7.8	0.8
48534 (2686757)	0.4	<1	11.7	<0.5	0.15	<0.1	0.15	<0.5	0.09	<0.05	106	<1	5.6	0.7
48535 (2686758)	0.5	<1	16.7	<0.5	0.17	<0.1	0.15	1.8	0.10	<0.05	108	<1	6.1	0.6
48536 (2686759)	0.4	<1	23.7	<0.5	0.13	<0.1	0.12	1.8	0.09	0.05	92	<1	5.1	0.6
48537 (2686760)	0.4	<1	20.1	<0.5	0.15	<0.1	0.13	1.4	0.09	<0.05	99	<1	5.9	0.7
48538 (2686761)	0.5	<1	27.4	<0.5	0.19	<0.1	0.14	1.4	0.11	<0.05	95	<1	6.5	0.7
48539 (2686762)	0.5	<1	34.6	<0.5	0.15	<0.1	0.12	1.5	0.11	<0.05	99	<1	5.6	0.6
48540 (2686763)	1.1	<1	41.5	<0.5	0.29	<0.1	0.23	1.7	0.19	0.05	164	<1	12.0	1.2
48541 (2686764)	1.7	8	73.3	<0.5	0.60	0.3	0.33	<0.5	0.37	0.20	317	<1	21.3	2.2
48542 (2686765)	1.7	7	70.0	<0.5	0.54	0.2	0.34	<0.5	0.39	0.18	323	<1	20.7	2.3
48543 (2686766)	1.7	5	72.7	<0.5	0.58	<0.1	0.35	<0.5	0.37	0.09	281	<1	19.6	2.3
48544 (2686767)	1.2	1	63.1	<0.5	0.35	<0.1	0.29	1.0	0.26	<0.05	213	<1	14.0	1.6
48545 C-DUP (2686768)	1.3	2	61.6	<0.5	0.42	<0.1	0.29	1.1	0.28	<0.05	206	<1	15.7	1.7
48546 (2686769)	0.7	<1	42.8	<0.5	0.26	<0.1	0.18	0.7	0.18	<0.05	139	<1	10.0	1.1
48547 (2686770)	0.6	<1	29.2	<0.5	0.18	<0.1	0.14	<0.5	0.13	<0.05	105	<1	7.0	0.7
48548 (2686771)	0.9	<1	37.8	<0.5	0.29	<0.1	0.21	<0.5	0.18	<0.05	150	<1	10.3	1.1
48549 (2686772)	1.0	<1	39.2	<0.5	0.38	<0.1	0.26	0.6	0.26	<0.05	182	<1	13.2	1.3
48550 (2686773)	0.7	<1	46.5	<0.5	0.18	<0.1	0.18	1.2	0.13	<0.05	131	<1	8.5	0.9

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769285

PROJECT: 2021 Surimeau DDH Batch 57

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
48501 (2686724)	54	13.7
48502 (2686725)	20	149
48503 (2686726)	52	14.2
48504 (2686727)	46	11.2
48505 (2686728)	75	30.9
48506 (2686729)	41	15.5
48507 (2686730)	54	16.7
48508 (2686731)	46	12.3
48509 (2686732)	52	17.2
48510 (2686733)	52	15.7
48511 (2686734)	49	15.0
48512 C-DUP (2686735)	47	12.6
48513 (2686736)	122	11.2
48514 (2686737)	160	16.2
48515 (2686738)	170	18.3
48516 (2686739)	69	13.8
48517 (2686740)	45	15.2
48518 (2686741)	42	14.0
48519 (2686742)	44	12.6
48520 (2686743)	46	13.3
48521 (2686744)	51	12.4
48522 (2686745)	34	166
48523 (2686746)	51	16.5
48524 (2686747)	46	18.7
48525 (2686748)	49	12.0
48526 (2686749)	58	9.8
48527 (2686750)	55	13.1
48528 (2686751)	62	12.4
48529 (2686752)	59	10.9
48530 (2686753)	55	12.9
48531 (2686754)	63	14.2
48532 (2686755)	59	12.8

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769285

PROJECT: 2021 Surimeau DDH Batch 57

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
48533 (2686756)	41	11.3
48534 (2686757)	73	16.5
48535 (2686758)	70	14.6
48536 (2686759)	74	11.5
48537 (2686760)	68	12.7
48538 (2686761)	56	13.8
48539 (2686762)	87	12.7
48540 (2686763)	77	24.5
48541 (2686764)	199	45.3
48542 (2686765)	213	43.6
48543 (2686766)	134	36.2
48544 (2686767)	70	26.9
48545 C-DUP (2686768)	77	29.1
48546 (2686769)	47	18.2
48547 (2686770)	44	14.8
48548 (2686771)	54	18.8
48549 (2686772)	65	25.1
48550 (2686773)	53	17.3

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769285

PROJECT: 2021 Surimeau DDH Batch 57

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
48501 (2686724)	79.91
48520 (2686743)	78.96
48540 (2686763)	81.14

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769285

PROJECT: 2021 Surimeau DDH Batch 57

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 27, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
48501 (2686724)	91.1
48520 (2686743)	93.0
48540 (2686763)	87.87

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 150 Jaguar Drive, Timmins, ON and 35 General Aviation Road, Timmins, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2686724	< 1	< 1	0.0%	2686738	< 1	3		2686749	< 1	< 1	0.0%	2686764	2	< 1	
Al	2686724	3.41	3.44	0.9%	2686738	3.33	3.26	2.1%	2686749	2.06	2.04	1.0%	2686764	5.41	5.48	1.3%
As	2686724	< 5	< 5	0.0%	2686738	< 5	< 5	0.0%	2686749	< 5	< 5	0.0%	2686764	< 5	< 5	0.0%
B	2686724	< 20	< 20	0.0%	2686738	< 20	< 20	0.0%	2686749	< 20	< 20	0.0%	2686764	< 20	< 20	0.0%
Ba	2686724	3.88	4.47	14.1%	2686738	259	255	1.6%	2686749	< 0.5	1.0		2686764	36.8	36.8	0.0%
Be	2686724	< 5	< 5	0.0%	2686738	< 5	< 5	0.0%	2686749	< 5	< 5	0.0%	2686764	12	9	28.6%
Bi	2686724	0.3	0.2		2686738	1.6	1.5	6.5%	2686749	0.49	0.42	15.4%	2686764	11.5	10.5	9.1%
Ca	2686724	4.60	4.67	1.5%	2686738	6.02	5.90	2.0%	2686749	7.10	6.83	3.9%	2686764	7.23	7.39	2.2%
Cd	2686724	< 0.2	< 0.2	0.0%	2686738	0.2	0.2	0.0%	2686749	< 0.2	< 0.2	0.0%	2686764	0.3	0.3	0.0%
Ce	2686724	1.24	1.48	17.6%	2686738	2.33	2.24	3.9%	2686749	1.2	1.2	0.0%	2686764	5.8	5.3	9.0%
Co	2686724	80.6	80.1	0.6%	2686738	99.5	98.1	1.4%	2686749	80.3	76.4	5.0%	2686764	228	219	4.0%
Cr	2686724	0.180	0.181	0.6%	2686738	0.246	0.238	3.3%	2686749	0.163	0.158	3.1%	2686764	0.568	0.594	4.5%
Cs	2686724	0.6	0.5	18.2%	2686738	15.3	15.4	0.7%	2686749	0.1	0.1	0.0%	2686764	0.3	0.3	0.0%
Cu	2686724	34	30	12.5%	2686738	24	23	4.3%	2686749	18	21	15.4%	2686764	42	46	9.1%
Dy	2686724	1.20	1.37	13.2%	2686738	1.42	1.35	5.1%	2686749	1.01	0.98	3.0%	2686764	3.68	3.58	2.8%
Er	2686724	0.749	0.767	2.4%	2686738	0.875	0.804	8.5%	2686749	0.60	0.61	1.7%	2686764	2.34	2.22	5.3%
Eu	2686724	0.22	0.31		2686738	0.45	0.41	9.3%	2686749	0.168	0.151	10.7%	2686764	1.08	0.992	8.5%
Fe	2686724	6.56	6.61	0.8%	2686738	6.90	6.76	2.0%	2686749	5.85	5.71	2.4%	2686764	8.70	8.91	2.4%
Ga	2686724	8.26	8.13	1.6%	2686738	10.7	10.4	2.8%	2686749	5.16	5.16	0.0%	2686764	18.5	17.9	3.3%
Gd	2686724	0.991	1.05	5.8%	2686738	1.13	1.01	11.2%	2686749	0.80	0.80	0.0%	2686764	3.17	2.75	14.2%
Ge	2686724	2	2	0.0%	2686738	4	3	28.6%	2686749	3	3	0.0%	2686764	3	3	0.0%
Hf	2686724	< 1	< 1	0.0%	2686738	< 1	< 1	0.0%	2686749	< 1	< 1	0.0%	2686764	1	1	0.0%
Ho	2686724	0.271	0.289	6.4%	2686738	0.299	0.273	9.1%	2686749	0.22	0.23	4.4%	2686764	0.84	0.77	8.7%
In	2686724	< 0.2	< 0.2	0.0%	2686738	< 0.2	< 0.2	0.0%	2686749	< 0.2	< 0.2	0.0%	2686764	< 0.2	< 0.2	0.0%
K	2686724	< 0.05	< 0.05	0.0%	2686738	1.14	1.12	1.8%	2686749	< 0.05	< 0.05	0.0%	2686764	0.19	0.19	0.0%
La	2686724	0.4	0.4	0.0%	2686738	0.8	0.8	0.0%	2686749	0.4	0.4	0.0%	2686764	2.4	2.2	8.7%
Li	2686724	< 10	< 10	0.0%	2686738	58	58	0.0%	2686749	< 10	< 10	0.0%	2686764	38	38	0.0%
Lu	2686724	0.10	0.10	0.0%	2686738	0.09	0.10	10.5%	2686749	0.104	0.106	1.9%	2686764	0.345	0.335	2.9%
Mg	2686724	14.4	14.6	1.4%	2686738	11.9	12.3	3.3%	2686749	13.5	13.0	3.8%	2686764	7.29	7.77	6.4%
Mn	2686724	1050	1060	0.9%	2686738	1270	1220	4.0%	2686749	1260	1230	2.4%	2686764	2330	2380	2.1%
Mo	2686724	< 2	< 2	0.0%	2686738	< 2	< 2	0.0%	2686749	< 2	< 2	0.0%	2686764	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Nb	2686724	< 1	< 1	0.0%	2686738	< 1	< 1	0.0%	2686749	< 1	< 1	0.0%	2686764	1	1	0.0%
Nd	2686724	1.5	1.8	18.2%	2686738	1.83	1.88	2.7%	2686749	1.23	1.25	1.6%	2686764	4.8	4.4	8.7%
Ni	2686724	1070	1070	0.0%	2686738	1290	1270	1.6%	2686749	1110	1080	2.7%	2686764	2690	2820	4.7%
P	2686724	< 0.01	< 0.01	0.0%	2686738	< 0.01	< 0.01	0.0%	2686749	< 0.01	< 0.01	0.0%	2686764	< 0.01	< 0.01	0.0%
Pb	2686724	< 5	< 5	0.0%	2686738	< 5	< 5	0.0%	2686749	< 5	< 5	0.0%	2686764	14	14	0.0%
Pr	2686724	0.27	0.27	0.0%	2686738	0.410	0.372	9.7%	2686749	0.213	0.222	4.1%	2686764	0.931	0.854	8.6%
Rb	2686724	0.96	0.95	1.0%	2686738	55.9	55.8	0.2%	2686749	0.39	0.33	16.7%	2686764	2.68	2.40	11.0%
S	2686724	0.17	0.17	0.0%	2686738	0.30	0.30	0.0%	2686749	0.35	0.35	0.0%	2686764	0.390	0.398	2.0%
Sb	2686724	< 0.1	< 0.1	0.0%	2686738	< 0.1	0.1		2686749	0.1	< 0.1		2686764	< 0.1	< 0.1	0.0%
Sc	2686724	20	20	0.0%	2686738	24	24	0.0%	2686749	16	15	6.5%	2686764	53	55	3.7%
Si	2686724	21.8	22.0	0.9%	2686738	23.0	22.6	1.8%	2686749	24.8	23.9	3.7%	2686764	20.0	20.4	2.0%
Sm	2686724	0.7	0.7	0.0%	2686738	0.7	0.7	0.0%	2686749	0.5	0.5	0.0%	2686764	1.74	1.76	1.1%
Sn	2686724	< 1	< 1	0.0%	2686738	2	2	0.0%	2686749	< 1	< 1	0.0%	2686764	8	8	0.0%
Sr	2686724	41.6	43.0	3.3%	2686738	38.7	38.3	1.0%	2686749	23.9	22.8	4.7%	2686764	73.3	74.5	1.6%
Ta	2686724	< 0.5	< 0.5	0.0%	2686738	< 0.5	< 0.5	0.0%	2686749	< 0.5	< 0.5	0.0%	2686764	< 0.5	< 0.5	0.0%
Tb	2686724	0.188	0.196	4.2%	2686738	0.229	0.194	16.5%	2686749	0.146	0.132	10.1%	2686764	0.599	0.532	11.8%
Th	2686724	< 0.1	< 0.1	0.0%	2686738	< 0.1	< 0.1	0.0%	2686749	< 0.1	< 0.1	0.0%	2686764	0.3	0.3	0.0%
Ti	2686724	0.126	0.122	3.2%	2686738	0.18	0.18	0.0%	2686749	0.12	0.12	0.0%	2686764	0.335	0.343	2.4%
Tl	2686724	< 0.5	< 0.5	0.0%	2686738	0.8	0.8	0.0%	2686749	< 0.5	< 0.5	0.0%	2686764	< 0.5	< 0.5	0.0%
Tm	2686724	0.131	0.113	14.8%	2686738	0.13	0.11	16.7%	2686749	0.093	0.097	4.2%	2686764	0.366	0.358	2.2%
U	2686724	< 0.05	< 0.05	0.0%	2686738	0.08	0.07	13.3%	2686749	< 0.05	< 0.05	0.0%	2686764	0.20	0.18	10.5%
V	2686724	123	124	0.8%	2686738	148	145	2.0%	2686749	93	90	3.3%	2686764	317	324	2.2%
W	2686724	< 1	< 1	0.0%	2686738	< 1	< 1	0.0%	2686749	< 1	< 1	0.0%	2686764	< 1	< 1	0.0%
Y	2686724	7.3	7.4	1.4%	2686738	7.7	7.6	1.3%	2686749	6.06	5.79	4.6%	2686764	21.3	20.0	6.3%
Yb	2686724	0.69	0.76	9.7%	2686738	0.8	0.8	0.0%	2686749	0.6	0.6	0.0%	2686764	2.20	2.13	3.2%
Zn	2686724	54	50	7.7%	2686738	170	166	2.4%	2686749	58	56	3.5%	2686764	199	200	0.5%
Zr	2686724	13.7	12.1	12.4%	2686738	18.3	16.9	8.0%	2686749	9.8	11.7	17.7%	2686764	45.3	42.7	5.9%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O769285

PROJECT: 2021 Surimeau DDH Batch 57

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.CGL-015)							
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Al	8.47	8.06	95%	90% - 110%	13.0	12.4	95%	90% - 110%	13.0	12.3	95%	90% - 110%				
As	26	26	100%	90% - 110%												
Ba	540	501	93%	90% - 110%	1310	1194	91%	90% - 110%	1310	1202	92%	90% - 110%				
Be	4.0	5.1	128%	90% - 110%												
Ca	0.907	0.845	93%	90% - 110%	1.42	1.29	91%	90% - 110%	1.42	1.29	91%	90% - 110%				
Ce	98	98	100%	90% - 110%	58.2	60.9	105%	90% - 110%	58.2	60.1	103%	90% - 110%				
Co	15	14	93%	90% - 110%												
Cu	150	152	102%	90% - 110%	6.4	6.4	100%	90% - 110%								
Er	3.7	3.6	97%	90% - 110%												
Fe	3.77	3.8	101%	90% - 110%	3.27	3.2	98%	90% - 110%	3.27	3.18	97%	90% - 110%				
Ga					22.6	23.2	103%	90% - 110%	22.6	23.8	105%	90% - 110%				
Hf	11	10	92%	90% - 110%												
K	2.55	2.42	95%	90% - 110%	3.68	3.59	97%	90% - 110%	3.68	3.56	97%	90% - 110%				
La	44	43	99%	90% - 110%	27.5	28.1	102%	90% - 110%	27.5	28.1	102%	90% - 110%				
Li	47	47	101%	90% - 110%	65.0	67.7	104%	90% - 110%	65.0	66.8	103%	90% - 110%				
Lu	0.6	0.6	94%	90% - 110%												
Mg	1.1	1	95%	90% - 110%												
Mn	780	736	94%	90% - 110%												
Mo	14	14	100%	90% - 110%												
Nb	20	19	95%	90% - 110%	22.6	23.2	103%	90% - 110%	22.6	23.9	106%	90% - 110%				
Nd					27.3	26.4	97%	90% - 110%	27.3	29.8	109%	90% - 110%				
Ni	32	33	103%	90% - 110%												
P					0.061	0.055	90%	90% - 110%	0.061	0.055	90%	90% - 110%				
Pb	31	32	102%	90% - 110%												
Rb	144	146	101%	90% - 110%	85.4	94.1	110%	90% - 110%	85.4	90.9	106%	90% - 110%				
Sb	0.8	0.8	104%	90% - 110%												
Sc	12	12	102%	90% - 110%												
Si	28.4	28.7	101%	90% - 110%	24.4	24.4	100%	90% - 110%	24.4	24.5	100%	90% - 110%				
Sm	7.4	7.2	98%	90% - 110%												
Sr	144	146	102%	90% - 110%	310	309	100%	90% - 110%	310	307	99%	90% - 110%				
Ta	1.9	2.3	123%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Tb	1.2	1.2	97%	90% - 110%												
Th	18.4	18.3	99%	90% - 110%												
Ti	0.527	0.496	94%	90% - 110%	0.222	0.204	92%	90% - 110%	0.222	0.202	91%	90% - 110%				
U	5.7	5.3	93%	90% - 110%												
V	77	76	99%	90% - 110%												
W	5	6	126%	90% - 110%												
Y	40	39	97%	90% - 110%	25.3	27.1	107%	90% - 110%	25.3	26.2	103%	90% - 110%				
Yb					2.66	2.94	111%	90% - 110%	2.66	3.2	120%	90% - 110%				
Zn	130	132	101%	90% - 110%	75.4	72.6	96%	90% - 110%	75.4	73.5	98%	90% - 110%				
Zr	390	372	95%	90% - 110%	157	166	106%	90% - 110%	157	168	107%	90% - 110%				

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O769285

PROJECT: 2021 Surimeau DDH Batch 57

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O769285

PROJECT: 2021 Surimeau DDH Batch 57

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O769285

PROJECT: 2021 Surimeau DDH Batch 57

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE
Pass %	MIN-200-12012	Johnson, W.: Laboratory Sampling and Sample Prep	BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 58

AGAT WORK ORDER: 21O769287

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Sep 22, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769287

PROJECT: 2021 Surimeau DDH Batch 58

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
48551 (2686786)	4.25
48552 (2686787)	0.90
48553 (2686788)	4.33
48554 (2686789)	4.07
48555 (2686790)	4.60
48556 (2686791)	3.95
48557 (2686792)	3.39
48558 (2686793)	3.81
48559 (2686794)	4.73
48560 (2686795)	4.01
48561 (2686796)	3.95
48562 C-DUP (2686797)	-
48563 (2686798)	4.32
48564 (2686799)	2.35
48565 (2686800)	2.06
48566 (2686801)	3.93
48567 (2686802)	4.25
48568 (2686803)	4.04
48569 (2686804)	3.91
48570 (2686805)	3.86
48571 (2686806)	4.46
48572 (2686807)	0.88
48573 (2686808)	4.37
48574 (2686809)	4.54
48575 (2686810)	3.43
48576 (2686811)	3.36
48577 (2686812)	4.04
48578 (2686813)	4.27
48579 (2686814)	4.06
48580 (2686815)	4.10
48581 (2686816)	4.28

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769287

PROJECT: 2021 Surimeau DDH Batch 58

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
48582 (2686817)	4.25
48583 (2686818)	3.89
48584 (2686819)	3.67
48585 (2686820)	3.14
48586 (2686821)	1.66
48587 (2686822)	3.05
48588 (2686823)	3.65
48589 (2686824)	4.00
48590 (2686825)	3.93
48591 (2686826)	2.55
48592 (2686827)	1.87
48593 (2686828)	3.94
48594 (2686829)	4.03
48595 C-DUP (2686830)	-
48596 (2686831)	4.26
48597 (2686832)	3.90
48598 (2686833)	4.11
48599 (2686834)	3.77
48600 (2686835)	3.68

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769287

PROJECT: 2021 Surimeau DDH Batch 58

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
48551 (2686786)	<1	5.07	<5	<20	610	<5	0.3	7.30	0.2	27.3	100	0.221	9.1	<5
48552 (2686787)	<1	3.59	<5	35	262	<5	<0.1	9.20	<0.2	44.3	7.5	0.034	0.9	<5
48553 (2686788)	<1	5.50	<5	<20	238	6	0.5	8.45	0.2	85.0	87.4	0.155	0.9	20
48554 (2686789)	<1	5.37	<5	<20	930	<5	1.0	6.91	<0.2	12.5	164	0.369	11.1	<5
48555 (2686790)	<1	5.94	<5	<20	250	<5	1.9	7.28	<0.2	3.7	152	0.398	4.8	66
48556 (2686791)	<1	3.59	<5	<20	147	<5	0.5	8.23	<0.2	2.3	78.3	0.213	8.5	48
48557 (2686792)	<1	3.94	<5	<20	345	<5	0.6	5.34	<0.2	3.4	81.1	0.214	22.8	48
48558 (2686793)	<1	3.09	<5	<20	<0.5	<5	1.0	4.42	<0.2	1.3	91.1	0.218	0.4	54
48559 (2686794)	<1	2.83	<5	<20	<0.5	<5	1.2	4.36	<0.2	1.3	90.5	0.202	0.4	32
48560 (2686795)	<1	3.51	<5	<20	129	<5	1.0	4.65	<0.2	7.0	81.6	0.176	12.5	32
48561 (2686796)	<1	2.94	<5	<20	258	<5	1.0	6.09	<0.2	1.7	82.2	0.178	24.3	37
48562 C-DUP (2686797)	<1	2.97	<5	<20	261	<5	1.1	6.10	<0.2	1.7	83.5	0.179	25.0	36
48563 (2686798)	<1	4.55	<5	<20	281	<5	0.6	6.75	<0.2	18.7	107	0.231	12.8	19
48564 (2686799)	<1	6.23	<5	<20	153	<5	1.2	8.23	<0.2	3.5	142	0.382	3.5	38
48565 (2686800)	<1	6.13	<5	<20	120	<5	1.2	8.15	<0.2	4.0	150	0.403	2.9	35
48566 (2686801)	<1	3.08	<5	<20	238	<5	0.3	7.35	<0.2	1.3	74.1	0.176	15.1	<5
48567 (2686802)	<1	4.09	<5	<20	277	<5	0.4	7.12	<0.2	15.1	74.8	0.156	19.0	<5
48568 (2686803)	<1	4.40	<5	<20	125	<5	0.6	6.84	<0.2	16.3	85.6	0.193	8.3	19
48569 (2686804)	<1	3.49	<5	<20	0.6	<5	0.5	6.27	<0.2	1.4	93.6	0.226	0.3	62
48570 (2686805)	<1	3.18	<5	<20	<0.5	<5	0.7	6.56	<0.2	1.2	91.1	0.204	0.3	36
48571 (2686806)	<1	3.10	<5	<20	13.3	<5	0.7	7.44	<0.2	1.4	97.8	0.201	1.0	35
48572 (2686807)	<1	3.06	<5	50	215	<5	<0.1	8.29	<0.2	38.9	4.9	0.058	0.6	<5
48573 (2686808)	<1	5.84	<5	<20	245	<5	2.1	7.62	<0.2	3.9	174	0.416	12.1	28
48574 (2686809)	<1	4.82	<5	<20	265	<5	0.7	6.77	<0.2	2.6	124	0.295	18.2	<5
48575 (2686810)	<1	2.92	<5	<20	154	<5	0.9	3.25	<0.2	1.5	77.8	0.215	8.0	19
48576 (2686811)	<1	2.94	<5	<20	99.3	<5	1.5	3.16	<0.2	1.4	81.1	0.201	3.8	61
48577 (2686812)	<1	6.72	<5	<20	67.4	<5	1.9	6.11	<0.2	3.8	170	0.431	0.5	87
48578 (2686813)	<1	4.03	<5	<20	37.4	<5	0.9	6.19	<0.2	2.1	138	0.333	1.3	50
48579 (2686814)	<1	2.63	<5	<20	<0.5	<5	1.3	6.33	<0.2	1.3	89.1	0.191	0.4	50
48580 (2686815)	<1	2.16	<5	<20	<0.5	<5	1.1	5.24	<0.2	2.9	82.9	0.170	0.4	14
48581 (2686816)	<1	2.82	<5	<20	0.6	<5	1.1	5.18	0.3	2.6	86.4	0.166	0.5	10
48582 (2686817)	<1	2.63	<5	<20	3.5	<5	1.2	4.48	<0.2	3.2	82.9	0.160	0.9	23

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769287

PROJECT: 2021 Surimeau DDH Batch 58

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
48583 (2686818)	<1	2.17	<5	<20	<0.5	<5	1.2	5.88	<0.2	2.8	87.8	0.160	0.6	39
48584 (2686819)	<1	2.15	<5	32	<0.5	<5	2.4	2.47	<0.2	1.1	95.4	0.189	0.6	10
48585 (2686820)	<1	1.94	7	24	<0.5	<5	2.4	3.46	<0.2	1.4	88.7	0.161	0.6	19
48586 (2686821)	<1	3.09	<5	<20	220	<5	1.2	2.28	<0.2	1.3	80.4	0.134	42.2	<5
48587 (2686822)	<1	2.22	<5	<20	1.7	<5	2.0	3.45	<0.2	2.6	86.6	0.169	1.3	35
48588 (2686823)	<1	2.04	<5	37	<0.5	<5	2.1	3.13	<0.2	2.0	93.9	0.174	0.7	12
48589 (2686824)	<1	2.10	<5	33	<0.5	<5	2.5	1.77	<0.2	0.7	101	0.181	0.8	9
48590 (2686825)	<1	2.24	<5	53	<0.5	<5	2.3	1.54	<0.2	0.6	101	0.188	0.9	8
48591 (2686826)	<1	2.11	<5	24	<0.5	<5	2.0	5.08	<0.2	2.1	91.4	0.169	1.1	51
48592 (2686827)	<1	2.27	<5	32	1.6	<5	2.3	4.35	<0.2	2.2	98.9	0.188	1.2	50
48593 (2686828)	<1	2.08	<5	30	<0.5	<5	1.9	3.18	<0.2	1.5	88.5	0.175	0.9	19
48594 (2686829)	<1	2.18	<5	<20	43.4	<5	1.3	4.98	<0.2	1.7	79.4	0.148	4.4	23
48595 C-DUP (2686830)	<1	2.15	<5	<20	42.5	<5	1.2	4.93	<0.2	1.8	81.2	0.150	4.9	22
48596 (2686831)	<1	5.51	<5	<20	745	<5	0.3	6.47	<0.2	84.8	67.8	0.133	29.8	<5
48597 (2686832)	<1	3.60	<5	<20	105	<5	0.2	9.97	<0.2	4.0	90.3	0.212	2.1	10
48598 (2686833)	<1	3.20	<5	<20	<0.5	<5	0.3	6.59	<0.2	1.3	85.0	0.205	0.3	39
48599 (2686834)	<1	3.65	<5	<20	1.4	<5	<0.1	5.81	<0.2	1.1	78.2	0.226	0.6	<5
48600 (2686835)	<1	2.60	<5	<20	<0.5	<5	0.2	6.71	<0.2	1.2	82.6	0.172	0.4	30

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769287

PROJECT: 2021 Surimeau DDH Batch 58

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
48551 (2686786)	2.55	1.54	0.82	7.60	13.2	2.85	3	2	0.50	<0.2	1.13	13.1	84	0.23
48552 (2686787)	3.43	2.32	0.73	2.51	10.4	3.58	1	3	0.77	<0.2	1.94	19.8	38	0.38
48553 (2686788)	3.55	2.01	1.45	8.54	16.9	5.61	4	4	0.66	<0.2	0.29	39.5	38	0.28
48554 (2686789)	2.61	1.74	0.50	7.60	11.7	2.44	2	1	0.59	<0.2	1.31	5.3	85	0.27
48555 (2686790)	2.81	1.82	0.49	8.61	12.0	2.26	2	<1	0.58	<0.2	0.62	1.5	44	0.28
48556 (2686791)	1.44	0.92	0.09	7.04	8.78	1.07	3	<1	0.29	<0.2	0.74	1.0	50	0.10
48557 (2686792)	1.37	0.90	0.14	6.97	10.5	1.24	3	<1	0.33	<0.2	1.68	1.3	86	0.16
48558 (2686793)	1.16	0.70	<0.05	6.92	8.54	0.85	2	<1	0.22	<0.2	<0.05	0.5	<10	0.13
48559 (2686794)	1.12	0.67	<0.05	6.87	7.22	0.78	2	<1	0.23	<0.2	<0.05	0.6	<10	0.10
48560 (2686795)	1.34	0.77	0.07	6.58	8.25	1.40	2	<1	0.27	<0.2	0.89	3.2	47	0.09
48561 (2686796)	0.83	0.54	0.24	6.25	7.37	0.72	2	<1	0.19	<0.2	1.74	0.5	79	0.11
48562 C-DUP (2686797)	1.01	0.75	0.16	6.23	7.53	0.77	3	<1	0.19	<0.2	1.74	0.5	79	0.10
48563 (2686798)	2.08	1.05	0.70	8.20	11.7	2.20	2	1	0.42	<0.2	1.01	9.0	91	0.19
48564 (2686799)	2.71	1.76	0.43	9.83	15.2	1.86	2	<1	0.58	<0.2	0.59	1.4	45	0.28
48565 (2686800)	2.87	1.72	0.38	9.73	14.2	2.21	2	<1	0.64	<0.2	0.50	1.7	42	0.29
48566 (2686801)	0.98	0.72	<0.05	6.50	7.10	0.80	3	<1	0.21	<0.2	1.47	0.6	77	0.09
48567 (2686802)	1.75	0.90	0.71	6.97	9.59	1.82	3	<1	0.35	<0.2	1.63	6.3	94	0.12
48568 (2686803)	1.87	1.06	0.64	7.67	11.7	2.47	2	1	0.40	<0.2	0.63	6.6	37	0.17
48569 (2686804)	1.42	0.83	0.10	7.34	9.12	1.07	3	<1	0.28	<0.2	<0.05	0.5	<10	0.13
48570 (2686805)	0.98	0.64	<0.05	6.92	8.45	0.76	2	<1	0.25	<0.2	<0.05	0.4	<10	0.10
48571 (2686806)	1.15	0.77	0.06	6.97	7.32	0.83	2	<1	0.28	<0.2	0.08	0.6	11	0.10
48572 (2686807)	2.49	1.47	0.54	1.59	8.97	2.86	2	4	0.47	<0.2	1.39	17.3	22	0.22
48573 (2686808)	2.45	1.70	0.75	8.45	12.7	2.08	2	1	0.59	<0.2	1.03	1.6	63	0.27
48574 (2686809)	2.24	1.51	0.48	8.27	10.1	1.73	2	<1	0.47	<0.2	1.42	0.9	89	0.22
48575 (2686810)	1.27	0.92	0.23	4.79	7.20	0.98	1	<1	0.30	<0.2	0.76	0.6	58	0.15
48576 (2686811)	1.16	0.71	0.20	4.16	6.33	1.05	<1	<1	0.24	<0.2	0.36	0.5	35	0.11
48577 (2686812)	2.97	1.88	0.56	7.64	12.5	2.43	2	<1	0.67	<0.2	0.16	1.4	24	0.27
48578 (2686813)	1.88	1.12	0.19	7.37	8.71	1.35	3	<1	0.40	<0.2	0.12	0.6	13	0.20
48579 (2686814)	0.83	0.62	0.05	5.98	6.55	0.68	3	<1	0.22	<0.2	<0.05	0.4	<10	0.10
48580 (2686815)	1.02	0.72	<0.05	6.42	5.42	0.92	2	<1	0.23	<0.2	<0.05	1.4	<10	0.09
48581 (2686816)	1.01	0.74	<0.05	6.08	7.41	0.92	3	<1	0.19	<0.2	<0.05	0.9	<10	0.10
48582 (2686817)	1.23	0.69	<0.05	6.35	6.48	1.01	2	<1	0.26	<0.2	<0.05	1.3	<10	0.07

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769287

PROJECT: 2021 Surimeau DDH Batch 58

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
48583 (2686818)	0.94	0.65	0.07	6.41	5.46	0.83	2	<1	0.20	<0.2	<0.05	1.2	<10	0.08
48584 (2686819)	0.76	0.51	<0.05	6.76	4.68	0.65	3	<1	0.15	<0.2	<0.05	0.4	<10	0.07
48585 (2686820)	1.01	0.52	<0.05	5.82	5.05	0.76	3	<1	0.20	<0.2	<0.05	0.6	<10	0.07
48586 (2686821)	0.78	0.49	0.07	6.66	10.2	0.68	3	<1	0.17	<0.2	2.16	0.6	73	0.05
48587 (2686822)	0.89	0.46	0.06	6.01	6.60	0.74	3	<1	0.18	<0.2	<0.05	1.2	<10	0.08
48588 (2686823)	0.89	0.65	0.08	6.22	5.61	0.73	3	<1	0.18	<0.2	<0.05	0.8	<10	0.05
48589 (2686824)	0.66	0.47	<0.05	6.32	5.21	0.48	2	<1	0.14	<0.2	<0.05	0.2	<10	0.07
48590 (2686825)	0.55	0.30	<0.05	6.48	5.07	0.39	2	<1	0.13	<0.2	<0.05	0.2	<10	0.06
48591 (2686826)	0.94	0.61	0.13	6.21	4.90	0.87	2	<1	0.20	<0.2	<0.05	0.9	<10	0.09
48592 (2686827)	0.86	0.58	0.07	6.40	5.58	0.77	2	<1	0.22	<0.2	<0.05	0.9	<10	0.06
48593 (2686828)	0.95	0.53	<0.05	6.29	5.14	0.64	1	<1	0.18	<0.2	<0.05	0.7	<10	0.07
48594 (2686829)	0.71	0.49	0.10	5.43	7.13	0.55	2	<1	0.17	<0.2	0.23	0.8	15	0.08
48595 C-DUP (2686830)	0.64	0.45	0.12	5.37	7.29	0.69	3	<1	0.17	<0.2	0.22	0.8	14	0.06
48596 (2686831)	3.37	1.75	1.67	7.61	14.4	5.19	3	3	0.67	<0.2	1.91	43.5	139	0.26
48597 (2686832)	1.50	0.95	0.40	6.72	8.65	1.34	2	<1	0.34	<0.2	0.23	2.3	18	0.16
48598 (2686833)	1.21	0.73	<0.05	7.08	7.38	0.89	2	<1	0.28	<0.2	<0.05	0.4	<10	0.09
48599 (2686834)	1.24	0.80	<0.05	7.11	8.68	0.92	3	<1	0.24	<0.2	<0.05	0.3	<10	0.08
48600 (2686835)	1.12	0.74	<0.05	6.41	6.38	0.97	2	<1	0.28	<0.2	<0.05	0.4	<10	0.11

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769287

PROJECT: 2021 Surimeau DDH Batch 58

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
48551 (2686786)	9.88	1650	<2	2	14.4	1010	<0.01	<5	3.42	49.8	0.06	<0.1	30	23.2
48552 (2686787)	4.76	664	<2	7	20.0	22	<0.01	<5	5.17	66.0	0.13	<0.1	9	24.2
48553 (2686788)	8.58	1870	<2	3	43.0	716	0.01	<5	10.5	7.0	0.08	<0.1	37	24.0
48554 (2686789)	9.21	1550	<2	1	7.8	1940	<0.01	<5	1.76	56.2	0.07	<0.1	35	23.5
48555 (2686790)	7.22	1930	<2	<1	3.7	1640	<0.01	7	0.61	23.9	0.16	0.1	39	23.1
48556 (2686791)	10.8	1630	<2	<1	1.9	784	<0.01	<5	0.39	32.9	0.21	<0.1	23	23.7
48557 (2686792)	11.9	1100	<2	<1	3.1	950	<0.01	<5	0.58	78.3	0.21	<0.1	21	23.1
48558 (2686793)	14.1	1030	<2	<1	1.1	1210	<0.01	<5	0.24	0.9	0.30	<0.1	19	23.0
48559 (2686794)	14.9	966	<2	<1	1.1	1330	<0.01	<5	0.28	0.9	0.23	<0.1	19	24.3
48560 (2686795)	13.5	996	<2	<1	4.9	1160	<0.01	<5	1.10	38.8	0.22	<0.1	19	23.0
48561 (2686796)	12.2	1260	<2	<1	1.3	1250	<0.01	<5	0.23	76.6	0.24	<0.1	16	24.7
48562 C-DUP (2686797)	12.1	1260	<2	<1	1.5	1250	<0.01	<5	0.24	77.2	0.24	<0.1	16	24.7
48563 (2686798)	10.3	1810	<2	1	10.7	1110	0.02	<5	2.39	41.9	0.16	<0.1	25	23.3
48564 (2686799)	8.30	2370	<2	1	3.0	1540	<0.01	<5	0.59	17.4	0.14	<0.1	38	22.4
48565 (2686800)	7.94	2380	<2	1	3.2	1600	<0.01	<5	0.56	13.3	0.15	<0.1	40	22.0
48566 (2686801)	11.8	1290	<2	<1	1.2	1040	<0.01	<5	0.25	61.9	0.06	<0.1	18	25.6
48567 (2686802)	11.1	1290	<2	2	9.4	987	<0.01	<5	2.01	69.5	0.06	<0.1	21	24.8
48568 (2686803)	11.7	1360	<2	2	10.0	1160	0.03	<5	2.26	27.5	0.14	0.2	24	23.3
48569 (2686804)	12.8	1280	<2	<1	1.5	1220	<0.01	<5	0.30	0.6	0.23	<0.1	22	23.2
48570 (2686805)	12.9	1350	<2	<1	1.0	1300	<0.01	<5	0.19	0.6	0.19	<0.1	19	23.7
48571 (2686806)	12.0	1600	<2	<1	1.4	1340	<0.01	<5	0.29	3.0	0.18	0.1	19	23.1
48572 (2686807)	4.06	616	<2	5	17.4	27	0.01	<5	4.41	36.5	0.10	<0.1	<5	28.9
48573 (2686808)	9.42	2000	<2	<1	3.1	2010	<0.01	<5	0.63	44.2	0.15	<0.1	41	21.3
48574 (2686809)	9.69	1900	<2	<1	2.8	1310	<0.01	<5	0.41	64.4	0.06	<0.1	30	22.6
48575 (2686810)	4.26	1040	<2	<1	1.6	887	<0.01	<5	0.28	34.7	<0.01	<0.1	22	10.9
48576 (2686811)	3.75	926	<2	<1	1.4	1020	<0.01	6	0.25	14.5	0.02	0.1	19	12.1
48577 (2686812)	5.70	1780	<2	<1	3.3	1680	<0.01	6	0.60	2.4	0.07	0.2	43	26.0
48578 (2686813)	12.8	1800	<2	<1	2.1	1600	<0.01	<5	0.43	3.8	0.40	0.1	27	22.5
48579 (2686814)	14.5	1080	<2	<1	1.2	1470	<0.01	<5	0.21	0.8	0.35	<0.1	16	25.1
48580 (2686815)	16.4	1230	<2	<1	1.9	1420	<0.01	<5	0.37	0.5	0.22	<0.1	15	25.4
48581 (2686816)	15.7	987	<2	<1	2.1	1350	<0.01	<5	0.40	0.8	0.16	0.1	17	25.3
48582 (2686817)	15.3	1110	<2	<1	2.6	1350	<0.01	<5	0.54	1.5	0.30	<0.1	16	23.1

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769287

PROJECT: 2021 Surimeau DDH Batch 58

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
48583 (2686818)	15.9	1220	<2	<1	1.9	1430	<0.01	<5	0.40	0.4	0.40	0.2	15	20.8
48584 (2686819)	19.9	1030	<2	<1	1.0	1740	<0.01	<5	0.18	0.7	0.09	<0.1	15	21.5
48585 (2686820)	17.7	973	<2	<1	1.2	1490	<0.01	<5	0.24	0.8	0.11	0.1	13	21.5
48586 (2686821)	15.0	1070	<2	<1	1.4	1260	<0.01	<5	0.23	108	0.01	<0.1	13	24.0
48587 (2686822)	16.4	1100	<2	<1	1.8	1490	<0.01	<5	0.32	2.3	0.21	<0.1	14	23.0
48588 (2686823)	18.0	1020	<2	<1	1.5	1560	<0.01	<5	0.24	0.9	0.12	0.3	15	21.3
48589 (2686824)	19.1	1010	<2	<1	0.7	1710	<0.01	<5	0.13	1.0	0.08	<0.1	15	20.2
48590 (2686825)	19.3	860	<2	<1	0.6	1690	<0.01	<5	0.11	1.1	0.05	<0.1	15	21.4
48591 (2686826)	16.6	1090	<2	<1	1.6	1510	<0.01	<5	0.29	1.2	0.23	<0.1	14	18.2
48592 (2686827)	17.4	1070	<2	<1	1.7	1670	<0.01	<5	0.29	1.7	0.24	<0.1	15	19.1
48593 (2686828)	17.6	1030	<2	<1	1.1	1530	<0.01	<5	0.24	1.0	0.11	<0.1	14	20.1
48594 (2686829)	15.0	1030	<2	<1	1.3	1330	<0.01	<5	0.23	11.1	0.20	<0.1	13	24.6
48595 C-DUP (2686830)	14.8	1020	<2	<1	1.4	1350	<0.01	<5	0.27	11.6	0.20	0.2	13	24.2
48596 (2686831)	10.0	1390	<2	4	42.8	646	0.13	5	10.4	90.3	0.08	<0.1	26	21.9
48597 (2686832)	11.1	1950	<2	<1	2.3	1080	<0.01	<5	0.53	8.7	0.15	<0.1	22	19.3
48598 (2686833)	13.5	1250	<2	<1	1.3	1050	<0.01	<5	0.26	0.5	0.18	<0.1	21	22.8
48599 (2686834)	14.9	1110	<2	<1	1.4	814	<0.01	<5	0.23	1.0	0.08	<0.1	25	22.8
48600 (2686835)	13.6	1090	<2	<1	1.3	969	<0.01	<5	0.20	0.7	0.17	<0.1	19	23.3

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769287

PROJECT: 2021 Surimeau DDH Batch 58

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
48551 (2686786)	3.4	2	74.2	<0.5	0.39	1.7	0.30	<0.5	0.20	0.62	192	<1	13.3	1.5
48552 (2686787)	3.6	1	115	<0.5	0.60	4.4	0.30	<0.5	0.35	0.93	55	<1	19.8	2.3
48553 (2686788)	7.6	6	210	<0.5	0.66	5.8	0.34	<0.5	0.28	1.63	251	<1	17.6	1.8
48554 (2686789)	1.8	2	170	<0.5	0.42	0.8	0.32	<0.5	0.26	0.19	211	<1	14.3	1.8
48555 (2686790)	1.3	<1	308	<0.5	0.39	0.1	0.32	<0.5	0.28	<0.05	230	<1	15.8	1.7
48556 (2686791)	0.8	1	125	<0.5	0.18	<0.1	0.19	<0.5	0.15	0.05	135	<1	7.4	0.8
48557 (2686792)	1.0	<1	53.9	<0.5	0.20	0.2	0.19	<0.5	0.14	0.08	135	<1	8.0	1.0
48558 (2686793)	0.6	<1	31.3	<0.5	0.15	<0.1	0.16	<0.5	0.11	0.05	115	2	5.7	0.7
48559 (2686794)	0.5	<1	30.5	<0.5	0.14	<0.1	0.15	<0.5	0.10	<0.05	108	<1	5.6	0.7
48560 (2686795)	1.3	<1	40.2	<0.5	0.21	0.7	0.20	<0.5	0.12	0.13	115	<1	7.2	0.7
48561 (2686796)	0.4	<1	56.7	<0.5	0.12	<0.1	0.13	<0.5	0.09	0.09	95	<1	5.3	0.6
48562 C-DUP (2686797)	0.5	<1	56.9	<0.5	0.14	<0.1	0.13	<0.5	0.09	0.08	94	<1	5.6	0.6
48563 (2686798)	1.9	<1	89.5	<0.5	0.32	0.9	0.25	<0.5	0.19	0.33	158	<1	10.8	1.2
48564 (2686799)	1.2	2	101	<0.5	0.37	0.1	0.33	<0.5	0.25	0.19	244	<1	14.1	1.8
48565 (2686800)	1.3	2	98.2	<0.5	0.35	0.1	0.33	<0.5	0.27	0.16	244	<1	15.3	1.8
48566 (2686801)	0.5	1	67.0	<0.5	0.13	<0.1	0.15	<0.5	0.08	<0.05	111	<1	6.0	0.7
48567 (2686802)	2.0	2	80.3	<0.5	0.28	1.0	0.24	<0.5	0.14	0.32	135	<1	8.5	0.8
48568 (2686803)	2.2	1	61.2	<0.5	0.33	1.0	0.30	<0.5	0.16	0.46	163	<1	11.3	1.1
48569 (2686804)	0.6	<1	35.7	<0.5	0.19	<0.1	0.18	<0.5	0.12	<0.05	126	<1	7.4	0.9
48570 (2686805)	0.4	<1	35.6	<0.5	0.11	<0.1	0.15	<0.5	0.11	<0.05	113	<1	5.8	0.7
48571 (2686806)	0.6	<1	65.4	<0.5	0.14	<0.1	0.15	<0.5	0.11	<0.05	115	<1	6.1	0.7
48572 (2686807)	3.0	<1	172	<0.5	0.43	6.2	0.17	<0.5	0.20	1.29	31	<1	13.7	1.4
48573 (2686808)	1.3	<1	82.4	<0.5	0.38	0.1	0.32	<0.5	0.24	<0.05	243	<1	14.5	1.6
48574 (2686809)	1.0	<1	49.7	<0.5	0.29	<0.1	0.24	<0.5	0.20	<0.05	194	<1	12.3	1.4
48575 (2686810)	0.6	<1	27.3	<0.5	0.18	<0.1	0.18	<0.5	0.14	<0.05	137	<1	7.7	0.8
48576 (2686811)	0.6	<1	77.7	<0.5	0.17	<0.1	0.14	<0.5	0.12	<0.05	115	<1	6.4	0.7
48577 (2686812)	1.4	<1	119	<0.5	0.41	0.1	0.35	<0.5	0.29	<0.05	263	<1	16.0	1.8
48578 (2686813)	1.0	<1	39.3	<0.5	0.29	<0.1	0.21	<0.5	0.15	<0.05	166	<1	10.1	1.1
48579 (2686814)	0.4	<1	39.7	<0.5	0.12	<0.1	0.12	<0.5	0.10	<0.05	98	<1	4.9	0.6
48580 (2686815)	0.6	<1	119	<0.5	0.14	<0.1	0.11	<0.5	0.11	<0.05	84	<1	6.0	0.7
48581 (2686816)	0.6	<1	44.1	<0.5	0.14	0.2	0.14	<0.5	0.09	0.06	103	<1	5.7	0.6
48582 (2686817)	0.7	<1	58.3	<0.5	0.18	0.2	0.14	<0.5	0.09	0.08	89	1	6.4	0.6

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769287

PROJECT: 2021 Surimeau DDH Batch 58

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
48583 (2686818)	0.6	<1	266	<0.5	0.12	0.2	0.12	<0.5	0.09	<0.05	82	<1	5.4	0.6
48584 (2686819)	0.4	<1	99.5	<0.5	0.09	<0.1	0.11	<0.5	0.06	<0.05	85	<1	4.4	0.5
48585 (2686820)	0.4	<1	141	<0.5	0.14	<0.1	0.10	<0.5	0.08	<0.05	76	<1	5.2	0.6
48586 (2686821)	0.6	<1	29.1	<0.5	0.09	0.3	0.18	0.8	0.07	0.09	82	<1	4.1	0.4
48587 (2686822)	0.6	<1	83.9	<0.5	0.10	<0.1	0.11	<0.5	0.07	<0.05	81	<1	5.2	0.5
48588 (2686823)	0.5	<1	127	<0.5	0.12	<0.1	0.11	<0.5	0.08	<0.05	84	<1	5.5	0.6
48589 (2686824)	0.2	<1	75.7	<0.5	0.09	<0.1	0.11	<0.5	0.07	<0.05	88	<1	3.9	0.5
48590 (2686825)	0.2	<1	57.7	<0.5	0.06	<0.1	0.12	<0.5	0.07	<0.05	89	<1	2.9	0.3
48591 (2686826)	0.5	<1	269	<0.5	0.15	<0.1	0.11	<0.5	0.09	<0.05	85	1	5.8	0.7
48592 (2686827)	0.6	<1	220	<0.5	0.14	<0.1	0.12	<0.5	0.08	<0.05	93	1	5.3	0.6
48593 (2686828)	0.5	<1	176	<0.5	0.09	<0.1	0.11	<0.5	0.06	<0.05	85	<1	4.5	0.5
48594 (2686829)	0.4	<1	44.5	<0.5	0.08	<0.1	0.09	<0.5	0.07	0.06	73	<1	4.1	0.4
48595 C-DUP (2686830)	0.5	<1	44.5	<0.5	0.10	<0.1	0.09	<0.5	0.07	0.07	73	<1	4.3	0.5
48596 (2686831)	7.1	3	76.3	<0.5	0.64	4.8	0.42	<0.5	0.26	1.37	189	<1	17.1	1.7
48597 (2686832)	0.6	<1	131	<0.5	0.18	<0.1	0.18	<0.5	0.14	0.07	131	<1	8.9	1.0
48598 (2686833)	0.7	<1	48.4	<0.5	0.16	<0.1	0.17	<0.5	0.10	<0.05	116	<1	6.5	0.8
48599 (2686834)	0.5	<1	41.0	<0.5	0.15	<0.1	0.22	<0.5	0.09	<0.05	133	<1	6.5	0.8
48600 (2686835)	0.7	<1	50.8	<0.5	0.16	<0.1	0.15	<0.5	0.11	<0.05	100	<1	7.2	0.7

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769287

PROJECT: 2021 Surimeau DDH Batch 58

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
48551 (2686786)	108	54.6
48552 (2686787)	11	131
48553 (2686788)	194	143
48554 (2686789)	81	36.9
48555 (2686790)	66	28.8
48556 (2686791)	54	17.4
48557 (2686792)	75	19.0
48558 (2686793)	52	15.2
48559 (2686794)	48	13.6
48560 (2686795)	51	30.3
48561 (2686796)	51	11.9
48562 C-DUP (2686797)	51	12.2
48563 (2686798)	70	39.2
48564 (2686799)	93	27.5
48565 (2686800)	96	28.7
48566 (2686801)	50	12.3
48567 (2686802)	83	33.6
48568 (2686803)	77	39.1
48569 (2686804)	54	17.0
48570 (2686805)	54	14.4
48571 (2686806)	58	13.5
48572 (2686807)	14	144
48573 (2686808)	84	32.4
48574 (2686809)	80	23.3
48575 (2686810)	51	16.0
48576 (2686811)	46	13.3
48577 (2686812)	78	31.1
48578 (2686813)	69	18.5
48579 (2686814)	50	11.2
48580 (2686815)	46	8.8
48581 (2686816)	55	14.2
48582 (2686817)	60	20.6

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769287

PROJECT: 2021 Surimeau DDH Batch 58

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
48583 (2686818)	47	11.4
48584 (2686819)	49	9.4
48585 (2686820)	58	10.6
48586 (2686821)	117	19.1
48587 (2686822)	54	8.8
48588 (2686823)	52	10.1
48589 (2686824)	43	10.5
48590 (2686825)	45	10.3
48591 (2686826)	47	13.6
48592 (2686827)	60	10.7
48593 (2686828)	35	12.1
48594 (2686829)	45	8.9
48595 C-DUP (2686830)	45	9.0
48596 (2686831)	170	117
48597 (2686832)	65	16.9
48598 (2686833)	50	16.2
48599 (2686834)	48	21.0
48600 (2686835)	43	15.9

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769287

PROJECT: 2021 Surimeau DDH Batch 58

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
48551 (2686786)	82.20
48570 (2686805)	78.08
48590 (2686825)	75.46

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769287

PROJECT: 2021 Surimeau DDH Batch 58

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pul-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
48551 (2686786)	90.37
48570 (2686805)	96.46
48590 (2686825)	92.62

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 150 Jaguar Drive, Timmins, ON and 35 General Aviation Road, Timmins, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O769287

PROJECT: 2021 Surimeau DDH Batch 58

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2686786	< 1	< 1	0.0%	2686800	< 1	< 1	0.0%	2686811	< 1	< 1	0.0%	2686826	< 1	< 1	0.0%
Al	2686786	5.07	5.05	0.4%	2686800	6.13	6.34	3.4%	2686811	2.94	2.96	0.7%	2686826	2.11	2.10	0.5%
As	2686786	< 5	< 5	0.0%	2686800	< 5	< 5	0.0%	2686811	< 5	< 5	0.0%	2686826	< 5	< 5	0.0%
B	2686786	< 20	< 20	0.0%	2686800	< 20	< 20	0.0%	2686811	< 20	< 20	0.0%	2686826	24	24	0.0%
Ba	2686786	610	607	0.5%	2686800	120	120	0.0%	2686811	99.3	93.5	6.0%	2686826	< 0.5	< 0.5	0.0%
Be	2686786	< 5	< 5	0.0%	2686800	< 5	< 5	0.0%	2686811	< 5	< 5	0.0%	2686826	< 5	< 5	0.0%
Bi	2686786	0.3	0.3	0.0%	2686800	1.2	1.3	8.0%	2686811	1.5	1.9	23.5%	2686826	1.95	1.66	16.1%
Ca	2686786	7.30	7.23	1.0%	2686800	8.15	8.39	2.9%	2686811	3.16	3.14	0.6%	2686826	5.08	5.05	0.6%
Cd	2686786	0.2	0.2	0.0%	2686800	< 0.2	0.2		2686811	< 0.2	< 0.2	0.0%	2686826	< 0.2	< 0.2	0.0%
Ce	2686786	27.3	27.2	0.4%	2686800	4.0	4.0	0.0%	2686811	1.4	1.5	6.9%	2686826	2.1	2.1	0.0%
Co	2686786	100	98.3	1.7%	2686800	150	151	0.7%	2686811	81.1	80.5	0.7%	2686826	91.4	90.5	1.0%
Cr	2686786	0.221	0.219	0.9%	2686800	0.403	0.408	1.2%	2686811	0.201	0.184	8.8%	2686826	0.169	0.173	2.3%
Cs	2686786	9.1	9.1	0.0%	2686800	2.9	2.9	0.0%	2686811	3.8	3.8	0.0%	2686826	1.12	0.83	29.7%
Cu	2686786	< 5	< 5	0.0%	2686800	35	36	2.8%	2686811	61	72	16.5%	2686826	51	51	0.0%
Dy	2686786	2.55	2.54	0.4%	2686800	2.87	2.60	9.9%	2686811	1.16	1.14	1.7%	2686826	0.94	0.97	3.1%
Er	2686786	1.54	1.50	2.6%	2686800	1.72	1.87	8.4%	2686811	0.71	0.74	4.1%	2686826	0.61	0.57	6.8%
Eu	2686786	0.82	0.80	2.5%	2686800	0.38	0.40	5.1%	2686811	0.20	0.23	14.0%	2686826	0.13	0.09	
Fe	2686786	7.60	7.54	0.8%	2686800	9.73	10.0	2.7%	2686811	4.16	4.09	1.7%	2686826	6.21	6.18	0.5%
Ga	2686786	13.2	13.4	1.5%	2686800	14.2	14.1	0.7%	2686811	6.33	6.20	2.1%	2686826	4.90	4.70	4.2%
Gd	2686786	2.85	2.70	5.4%	2686800	2.21	1.90	15.1%	2686811	1.05	0.92	13.2%	2686826	0.869	0.813	6.7%
Ge	2686786	3	3	0.0%	2686800	2	3		2686811	< 1	<1		2686826	2	2	0.0%
Hf	2686786	2	2	0.0%	2686800	< 1	< 1	0.0%	2686811	< 1	< 1	0.0%	2686826	< 1	< 1	0.0%
Ho	2686786	0.504	0.522	3.5%	2686800	0.64	0.59	8.1%	2686811	0.24	0.23	4.3%	2686826	0.20	0.20	0.0%
In	2686786	< 0.2	< 0.2	0.0%	2686800	< 0.2	< 0.2	0.0%	2686811	< 0.2	< 0.2	0.0%	2686826	< 0.2	< 0.2	0.0%
K	2686786	1.13	1.11	1.8%	2686800	0.50	0.52	3.9%	2686811	0.36	0.36	0.0%	2686826	< 0.05	< 0.05	0.0%
La	2686786	13.1	12.9	1.5%	2686800	1.7	1.7	0.0%	2686811	0.5	0.5	0.0%	2686826	0.9	0.9	0.0%
Li	2686786	84	85	1.2%	2686800	42	42	0.0%	2686811	35	33	5.9%	2686826	< 10	< 10	0.0%
Lu	2686786	0.23	0.21	9.1%	2686800	0.289	0.254	12.9%	2686811	0.11	0.12	8.7%	2686826	0.091	0.111	19.8%
Mg	2686786	9.88	9.84	0.4%	2686800	7.94	8.10	2.0%	2686811	3.75	3.62	3.5%	2686826	16.6	16.9	1.8%
Mn	2686786	1650	1640	0.6%	2686800	2380	2450	2.9%	2686811	926	915	1.2%	2686826	1090	1080	0.9%
Mo	2686786	< 2	< 2	0.0%	2686800	< 2	< 2	0.0%	2686811	< 2	< 2	0.0%	2686826	< 2	< 2	0.0%

AGAT Laboratories

Quality Assurance - Replicate

AGAT WORK ORDER: 21O769287

PROJECT: 2021 Surimeau DDH Batch 58

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Nb	2686786	2	2	0.0%	2686800	1	1	0.0%	2686811	< 1	< 1	0.0%	2686826	< 1	< 1	0.0%
Nd	2686786	14.4	15.0	4.1%	2686800	3.23	3.42	5.7%	2686811	1.4	1.4	0.0%	2686826	1.6	1.7	6.1%
Ni	2686786	1010	1000	1.0%	2686800	1600	1630	1.9%	2686811	1020	955	6.6%	2686826	1510	1540	2.0%
P	2686786	< 0.01	< 0.01	0.0%	2686800	< 0.01	< 0.01	0.0%	2686811	< 0.01	< 0.01	0.0%	2686826	< 0.01	< 0.01	0.0%
Pb	2686786	< 5	< 5	0.0%	2686800	< 5	< 5	0.0%	2686811	6	6	0.0%	2686826	< 5	< 5	0.0%
Pr	2686786	3.42	3.51	2.6%	2686800	0.562	0.668	17.2%	2686811	0.25	0.23	8.3%	2686826	0.29	0.32	9.8%
Rb	2686786	49.8	52.6	5.5%	2686800	13.3	13.3	0.0%	2686811	14.5	14.6	0.7%	2686826	1.2	1.2	0.0%
S	2686786	0.06	0.06	0.0%	2686800	0.145	0.144	0.7%	2686811	0.02	0.04	66.7%	2686826	0.23	0.25	8.3%
Sb	2686786	< 0.1	< 0.1	0.0%	2686800	< 0.1	< 0.1	0.0%	2686811	0.1	< 0.1		2686826	< 0.1	< 0.1	0.0%
Sc	2686786	30	30	0.0%	2686800	40	41	2.5%	2686811	19	18	5.4%	2686826	14	14	0.0%
Si	2686786	23.2	22.9	1.3%	2686800	22.0	22.7	3.1%	2686811	12.1	12.1	0.0%	2686826	18.2	18.0	1.1%
Sm	2686786	3.4	2.9	15.9%	2686800	1.34	1.43	6.5%	2686811	0.6	0.6	0.0%	2686826	0.5	0.5	0.0%
Sn	2686786	2	3		2686800	2	2	0.0%	2686811	< 1	< 1	0.0%	2686826	< 1	< 1	0.0%
Sr	2686786	74.2	74.3	0.1%	2686800	98.2	101	2.8%	2686811	77.7	76	2.2%	2686826	269	267	0.7%
Ta	2686786	< 0.5	< 0.5	0.0%	2686800	< 0.5	< 0.5	0.0%	2686811	< 0.5	< 0.5	0.0%	2686826	< 0.5	< 0.5	0.0%
Tb	2686786	0.393	0.429	8.8%	2686800	0.35	0.40	13.3%	2686811	0.17	0.16	6.1%	2686826	0.15	0.14	6.9%
Th	2686786	1.7	1.7	0.0%	2686800	0.1	< 0.1		2686811	< 0.1	< 0.1	0.0%	2686826	< 0.1	< 0.1	0.0%
Ti	2686786	0.30	0.30	0.0%	2686800	0.33	0.34	3.0%	2686811	0.14	0.14	0.0%	2686826	0.11	0.11	0.0%
Tl	2686786	< 0.5	< 0.5	0.0%	2686800	< 0.5	< 0.5	0.0%	2686811	< 0.5	< 0.5	0.0%	2686826	< 0.5	< 0.5	0.0%
Tm	2686786	0.204	0.207	1.5%	2686800	0.27	0.28	3.6%	2686811	0.12	0.11	8.7%	2686826	0.09	0.09	0.0%
U	2686786	0.62	0.57	8.4%	2686800	0.16	0.14	13.3%	2686811	< 0.05	< 0.05	0.0%	2686826	< 0.05	< 0.05	0.0%
V	2686786	192	191	0.5%	2686800	244	248	1.6%	2686811	115	107	7.2%	2686826	85	87	2.3%
W	2686786	< 1	< 1	0.0%	2686800	< 1	< 1	0.0%	2686811	< 1	< 1	0.0%	2686826	1	2	
Y	2686786	13.3	13.7	3.0%	2686800	15.3	15.5	1.3%	2686811	6.4	6.3	1.6%	2686826	5.8	5.6	3.5%
Yb	2686786	1.49	1.42	4.8%	2686800	1.8	1.8	0.0%	2686811	0.7	0.7	0.0%	2686826	0.66	0.59	11.2%
Zn	2686786	108	116	7.1%	2686800	96	101	5.1%	2686811	46	44	4.4%	2686826	47	56	17.5%
Zr	2686786	54.6	54.6	0.0%	2686800	28.7	28.8	0.3%	2686811	13.3	13.2	0.8%	2686826	13.6	12.2	10.9%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O769287

PROJECT: 2021 Surimeau DDH Batch 58

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.51	100%	90% - 110%					6.94	7.5	108%	90% - 110%	13.0	13.3	102%	90% - 110%
As	26	28	108%	90% - 110%												
Ba	540	496	92%	90% - 110%									1310	1225	94%	90% - 110%
Be	4.0	3.2	80%	90% - 110%												
Ca	0.907	0.925	102%	90% - 110%					4.01	4.31	107%	90% - 110%	1.42	1.42	100%	90% - 110%
Ce	98	103	105%	90% - 110%	58.2	61.4	105%	90% - 110%								
Co	15	14	94%	90% - 110%												
Cu	150	149	99%	90% - 110%												
Er	3.7	4.1	112%	90% - 110%												
Fe	3.77	3.96	105%	90% - 110%					7.56	8.3	110%	90% - 110%	3.27	3.38	103%	90% - 110%
Ga					22.6	23.4	103%	90% - 110%								
Hf	11	10	93%	90% - 110%												
K	2.55	2.54	100%	90% - 110%					2.02	2.14	106%	90% - 110%	3.68	3.83	104%	90% - 110%
La	44	46	105%	90% - 110%	27.5	30.9	112%	90% - 110%								
Li	47	47	100%	90% - 110%									65.0	68	105%	90% - 110%
Lu	0.6	0.6	92%	90% - 110%												
Mg	1.1	1.1	97%	90% - 110%					2.41	2.5	104%	90% - 110%				
Mn	780	744	95%	90% - 110%												
Mo	14	13	90%	90% - 110%												
Nb	20	19	97%	90% - 110%	22.6	23.3	103%	90% - 110%								
Nd					27.3	27.5	100%	90% - 110%								
Ni	32	33	103%	90% - 110%												
Pb	31	32	103%	90% - 110%												
Rb	144	147	102%	90% - 110%	85.4	90.9	106%	90% - 110%								
Sb	0.8	0.8	97%	90% - 110%												
Sc	12	12	99%	90% - 110%												
Si	28.4	30.2	106%	90% - 110%					23.65	23.38	98%	90% - 110%	24.4	26	107%	90% - 110%
Sm	7.4	8.1	109%	90% - 110%												
Sr	144	151	105%	90% - 110%									310	320	103%	90% - 110%
Ta	1.9	2	104%	90% - 110%												
Tb	1.2	1.1	90%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Th	18.4	18.9	103%	90% - 110%												
Ti	0.527	0.507	96%	90% - 110%									0.222	0.209	94%	90% - 110%
U	5.7	5.4	94%	90% - 110%												
V	77	79	102%	90% - 110%												
W	5	5	105%	90% - 110%												
Y	40	37	93%	90% - 110%	25.3	26.9	106%	90% - 110%								
Yb					2.66	3.17	119%	90% - 110%								
Zn	130	124	95%	90% - 110%									75.4	71.5	95%	90% - 110%
Zr	390	387	99%	90% - 110%	157	167	106%	90% - 110%								

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O769287

PROJECT: 2021 Surimeau DDH Batch 58

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED
AGAT WORK ORDER: 21O769287
PROJECT: 2021 Surimeau DDH Batch 58
ATTENTION TO: Francis Newton
SAMPLING SITE:
SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O769287

PROJECT: 2021 Surimeau DDH Batch 58

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE
Pul-Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 59

AGAT WORK ORDER: 21O769290

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 08, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769290

PROJECT: 2021 Surimeau DDH Batch 59

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
48601 (2686844)	4.01
48602 (2686845)	0.79
48603 (2686846)	4.00
48604 (2686847)	3.74
48605 (2686848)	4.17
48606 (2686849)	4.05
48607 (2686850)	4.00
48608 (2686851)	4.46
48609 (2686852)	4.14
48610 (2686853)	3.35
48611 (2686854)	3.82
48612 C-DUP (2686855)	-
48613 (2686856)	3.93
48614 (2686857)	1.83
48615 (2686858)	1.82
48616 (2686859)	4.07
48617 (2686860)	3.92
48618 (2686861)	3.93
48619 (2686862)	4.02
48620 (2686863)	3.98
48621 (2686864)	3.85
48622 (2686865)	0.81
48623 (2686866)	3.77
48624 (2686867)	4.09
48625 (2686868)	4.27
48626 (2686869)	3.55
48627 (2686870)	4.14
48628 (2686871)	3.97
48629 (2686872)	3.81
48630 (2686873)	2.30
48631 (2686874)	1.89

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769290

PROJECT: 2021 Surimeau DDH Batch 59

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
48632 (2686875)	3.01
48633 (2686876)	3.39
48634 (2686877)	3.63
48635 (2686878)	3.48
48636 (2686879)	2.59
48637 (2686880)	1.71
48638 (2686881)	2.51
48639 (2686882)	3.36
48640 (2686883)	2.38
48641 (2686884)	1.83
48642 (2686885)	1.74
48643 (2686886)	3.70
48644 (2686887)	2.95
48645 C-DUP (2686888)	-
48646 (2686889)	3.09
48647 (2686890)	3.34
48648 (2686891)	2.35
48649 (2686892)	3.57
48650 (2686893)	3.40

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769290

PROJECT: 2021 Surimeau DDH Batch 59

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
48601 (2686844)	<1	3.13	<5	<20	1.4	<5	0.4	5.92	<0.2	1.0	110	0.263	0.5	54
48602 (2686845)	<1	3.76	<5	<20	702	<5	<0.1	9.68	<0.2	49.9	8.5	0.013	0.7	17
48603 (2686846)	<1	3.35	<5	<20	2.0	<5	0.5	4.96	<0.2	0.8	104	0.232	0.7	35
48604 (2686847)	<1	2.94	<5	<20	4.5	<5	0.5	5.91	<0.2	1.2	113	0.217	0.5	45
48605 (2686848)	<1	2.92	<5	<20	1.0	<5	0.3	6.10	<0.2	0.9	98.7	0.215	0.5	62
48606 (2686849)	<1	3.58	<5	<20	1.2	<5	0.3	5.54	<0.2	1.3	97.4	0.249	0.4	77
48607 (2686850)	<1	4.06	<5	<20	1.1	<5	0.1	5.27	<0.2	1.8	103	0.268	0.4	53
48608 (2686851)	<1	3.36	<5	<20	1.3	<5	0.3	5.61	<0.2	1.5	98.4	0.241	0.4	74
48609 (2686852)	<1	3.30	<5	<20	1.5	<5	0.5	3.91	<0.2	1.1	105	0.226	0.5	26
48610 (2686853)	<1	3.16	<5	<20	1.0	<5	0.5	3.77	<0.2	1.2	108	0.226	0.7	9
48611 (2686854)	<1	2.93	<5	44	0.8	<5	0.4	4.77	<0.2	1.5	105	0.217	0.6	7
48612 C-DUP (2686855)	<1	2.97	<5	39	1.2	<5	0.4	4.75	<0.2	1.5	108	0.218	0.7	6
48613 (2686856)	<1	2.50	<5	44	2.3	<5	0.5	5.76	<0.2	2.7	104	0.201	0.9	8
48614 (2686857)	<1	2.82	<5	47	2.0	<5	0.8	3.50	<0.2	2.0	130	0.219	1.0	<5
48615 (2686858)	<1	2.77	<5	34	1.3	<5	0.4	3.82	<0.2	1.3	108	0.222	0.7	<5
48616 (2686859)	<1	2.93	<5	<20	0.8	<5	0.7	5.35	<0.2	1.3	114	0.221	0.7	28
48617 (2686860)	<1	2.33	<5	<20	<0.5	<5	0.7	6.85	<0.2	1.0	97.1	0.191	0.3	70
48618 (2686861)	<1	2.75	<5	<20	1.8	<5	0.6	8.89	<0.2	4.3	119	0.235	0.2	144
48619 (2686862)	<1	2.81	<5	<20	7.0	<5	0.6	21.9	<0.2	2.6	111	0.258	0.2	46
48620 (2686863)	<1	2.00	<5	<20	14.1	<5	0.5	25.0	<0.2	1.6	101	0.198	0.2	84
48621 (2686864)	<1	2.48	<5	<20	17.8	<5	0.6	14.3	<0.2	1.4	114	0.213	0.1	50
48622 (2686865)	<1	2.30	<5	59	255	<5	<0.1	12.1	<0.2	30.6	4.5	0.015	0.3	<5
48623 (2686866)	<1	2.04	<5	<20	5.6	<5	0.3	11.5	<0.2	1.1	92.9	0.154	<0.1	16
48624 (2686867)	<1	2.72	<5	<20	13.5	<5	0.5	14.1	<0.2	6.9	96.2	0.190	0.1	7
48625 (2686868)	<1	3.76	<5	<20	25.2	<5	0.5	14.4	<0.2	2.8	152	0.366	<0.1	<5
48626 (2686869)	<1	4.54	<5	<20	23.9	<5	1.2	9.59	0.2	2.4	160	0.370	<0.1	12
48627 (2686870)	<1	2.84	<5	<20	51.4	<5	0.4	17.1	<0.2	2.7	111	0.215	0.1	<5
48628 (2686871)	<1	2.02	<5	<20	43.8	<5	1.6	25.0	<0.2	4.4	113	0.219	<0.1	20
48629 (2686872)	<1	1.95	<5	<20	67.4	<5	1.0	25.6	<0.2	4.9	102	0.194	<0.1	13
48630 (2686873)	<1	1.78	<5	<20	120	<5	0.6	26.9	<0.2	5.1	82.7	0.162	<0.1	13
48631 (2686874)	<1	1.73	<5	<20	99.7	<5	0.3	26.2	<0.2	5.8	68.1	0.140	<0.1	<5
48632 (2686875)	<1	5.98	<5	<20	169	<5	0.7	7.75	<0.2	3.9	145	0.390	<0.1	130

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769290

PROJECT: 2021 Surimeau DDH Batch 59

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
48633 (2686876)	<1	6.69	<5	<20	179	<5	0.8	7.57	<0.2	3.4	166	0.454	0.3	177
48634 (2686877)	<1	6.63	<5	<20	996	<5	0.6	5.61	<0.2	2.8	171	0.447	10.5	161
48635 (2686878)	<1	6.33	<5	<20	177	<5	0.8	7.57	<0.2	3.7	188	0.469	0.2	548
48636 (2686879)	4	4.30	<5	38	42.0	<5	1.3	10.0	8.0	17.2	428	0.101	<0.1	4960
48637 (2686880)	1	6.14	<5	<20	38.9	<5	1.5	5.24	0.4	4.9	210	0.376	0.3	1700
48638 (2686881)	1	6.44	<5	<20	106	<5	1.1	4.69	<0.2	3.8	202	0.421	4.9	1320
48639 (2686882)	<1	6.03	<5	<20	174	<5	0.4	6.07	<0.2	4.2	179	0.416	3.4	126
48640 (2686883)	<1	5.00	<5	<20	357	<5	0.5	5.42	<0.2	2.5	149	0.392	6.7	62
48641 (2686884)	<1	5.71	<5	<20	105	<5	0.4	5.90	<0.2	2.8	157	0.414	0.5	79
48642 (2686885)	<1	5.70	<5	<20	106	<5	0.5	5.73	<0.2	3.4	182	0.425	0.6	84
48643 (2686886)	<1	6.99	<5	<20	180	<5	0.7	7.96	<0.2	4.0	201	0.482	0.9	63
48644 (2686887)	<1	5.21	<5	<20	160	<5	0.2	11.1	<0.2	1.9	128	0.342	2.6	11
48645 C-DUP (2686888)	<1	5.30	<5	<20	177	<5	0.2	11.0	<0.2	2.1	129	0.351	3.3	12
48646 (2686889)	<1	1.46	<5	<20	5.3	<5	0.4	10.7	<0.2	2.4	86.6	0.150	0.1	69
48647 (2686890)	<1	2.94	<5	<20	1.9	<5	0.6	5.26	<0.2	1.1	110	0.213	0.2	39
48648 (2686891)	<1	2.91	<5	<20	1.1	<5	0.8	3.98	<0.2	0.6	101	0.228	0.2	16
48649 (2686892)	<1	2.76	<5	<20	0.7	<5	0.7	4.49	<0.2	0.7	107	0.209	0.3	20
48650 (2686893)	<1	3.15	<5	<20	1.0	<5	0.7	4.89	<0.2	0.7	106	0.220	0.2	58

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769290

PROJECT: 2021 Surimeau DDH Batch 59

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
48601 (2686844)	1.07	0.66	<0.05	6.82	7.09	0.93	2	<1	0.23	<0.2	<0.05	0.3	<10	0.08
48602 (2686845)	2.57	1.36	0.80	2.10	11.9	3.22	2	5	0.53	<0.2	2.19	24.0	30	0.18
48603 (2686846)	0.93	0.59	<0.05	7.27	7.28	0.80	2	<1	0.20	<0.2	<0.05	0.3	<10	0.08
48604 (2686847)	1.14	0.76	0.06	6.51	7.97	0.85	3	<1	0.26	<0.2	<0.05	0.4	<10	0.07
48605 (2686848)	1.05	0.71	0.07	6.59	6.88	0.83	3	<1	0.25	<0.2	<0.05	0.3	<10	0.07
48606 (2686849)	1.38	0.77	0.11	7.72	7.25	0.97	1	<1	0.27	<0.2	<0.05	0.3	<10	0.12
48607 (2686850)	1.73	1.15	0.09	8.45	8.77	1.35	3	<1	0.40	<0.2	<0.05	0.5	<10	0.12
48608 (2686851)	1.37	0.93	0.09	7.35	7.19	1.22	2	<1	0.33	<0.2	<0.05	0.4	<10	0.12
48609 (2686852)	1.12	0.63	<0.05	7.41	7.33	0.79	2	<1	0.21	<0.2	<0.05	0.4	<10	0.05
48610 (2686853)	0.93	0.58	<0.05	7.45	7.35	0.74	2	<1	0.17	<0.2	<0.05	0.5	<10	0.07
48611 (2686854)	1.14	0.67	0.06	7.46	6.64	0.93	2	<1	0.23	<0.2	<0.05	0.6	<10	0.08
48612 C-DUP (2686855)	1.14	0.71	0.06	7.43	6.32	0.90	2	<1	0.22	<0.2	<0.05	0.5	<10	0.07
48613 (2686856)	1.41	0.89	0.13	7.16	6.17	1.28	2	<1	0.33	<0.2	<0.05	1.2	<10	0.09
48614 (2686857)	1.03	0.76	0.10	7.74	7.43	0.92	2	<1	0.24	<0.2	<0.05	0.8	<10	0.10
48615 (2686858)	1.04	0.64	<0.05	7.80	5.92	0.67	2	<1	0.18	<0.2	<0.05	0.5	<10	0.07
48616 (2686859)	1.07	0.70	0.07	7.47	6.29	0.85	3	<1	0.25	<0.2	<0.05	0.4	<10	0.08
48617 (2686860)	1.08	0.71	<0.05	6.23	4.96	0.83	3	<1	0.25	<0.2	<0.05	0.3	<10	0.07
48618 (2686861)	1.44	0.88	0.30	7.23	5.67	1.22	2	<1	0.34	<0.2	<0.05	2.5	<10	0.10
48619 (2686862)	1.60	1.04	0.69	6.19	4.04	1.18	<1	<1	0.34	<0.2	0.06	1.6	<10	0.17
48620 (2686863)	1.08	0.76	0.34	5.05	4.10	0.91	2	<1	0.26	<0.2	0.07	0.9	<10	0.10
48621 (2686864)	1.00	0.76	0.20	5.98	4.91	0.88	4	<1	0.24	<0.2	0.09	0.6	<10	0.07
48622 (2686865)	2.26	1.27	0.59	1.25	6.34	2.64	<1	4	0.45	<0.2	1.68	14.0	15	0.15
48623 (2686866)	0.74	0.55	0.12	6.03	4.70	0.55	5	<1	0.16	<0.2	0.06	0.5	<10	<0.05
48624 (2686867)	1.35	0.90	0.31	5.65	6.75	1.48	4	<1	0.29	<0.2	0.09	3.2	<10	0.13
48625 (2686868)	1.51	0.99	0.32	6.56	8.70	1.25	3	<1	0.33	<0.2	0.14	1.5	20	0.14
48626 (2686869)	1.79	1.15	0.39	8.53	12.0	1.55	4	<1	0.40	<0.2	0.15	1.1	18	0.15
48627 (2686870)	1.45	0.89	0.39	5.68	9.06	1.15	4	<1	0.30	<0.2	0.10	1.9	10	0.12
48628 (2686871)	1.71	1.37	0.28	4.59	5.20	1.36	1	<1	0.45	<0.2	0.08	3.0	<10	0.19
48629 (2686872)	1.99	1.43	0.35	4.40	4.59	1.63	1	<1	0.52	<0.2	0.07	3.3	<10	0.23
48630 (2686873)	2.07	1.65	0.29	4.01	2.90	1.56	<1	<1	0.51	<0.2	0.06	3.3	<10	0.29
48631 (2686874)	1.71	1.37	0.34	4.21	5.07	1.37	2	<1	0.42	<0.2	0.05	3.5	<10	0.23
48632 (2686875)	2.19	1.48	0.54	8.71	9.89	1.82	2	<1	0.49	<0.2	0.10	1.5	17	0.23

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769290

PROJECT: 2021 Surimeau DDH Batch 59

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
48633 (2686876)	2.72	1.82	0.58	9.99	13.4	2.08	2	<1	0.63	<0.2	0.17	1.3	26	0.28
48634 (2686877)	2.49	1.67	0.55	11.3	13.5	1.82	3	<1	0.58	<0.2	0.99	1.0	101	0.24
48635 (2686878)	2.48	1.82	0.68	13.2	15.3	2.14	5	1	0.62	0.3	0.19	1.6	26	0.27
48636 (2686879)	3.33	2.48	1.13	20.9	12.2	2.93	1	2	0.76	0.7	<0.05	8.2	<10	0.43
48637 (2686880)	2.82	1.81	0.65	13.6	13.9	2.31	5	1	0.62	<0.2	0.07	2.3	21	0.30
48638 (2686881)	2.69	1.65	0.65	10.5	12.8	2.02	5	1	0.59	<0.2	0.51	1.7	53	0.24
48639 (2686882)	2.58	1.74	0.64	8.95	12.0	2.10	4	<1	0.58	<0.2	0.36	1.9	48	0.23
48640 (2686883)	2.35	1.47	0.40	8.23	10.1	1.67	4	<1	0.48	<0.2	0.62	1.0	75	0.19
48641 (2686884)	2.16	1.60	0.43	8.75	10.9	1.67	3	<1	0.49	<0.2	0.12	1.3	24	0.21
48642 (2686885)	2.56	1.65	0.55	8.66	11.9	2.12	3	<1	0.57	<0.2	0.12	1.5	24	0.25
48643 (2686886)	2.91	1.84	0.58	10.5	11.9	2.27	2	1	0.67	<0.2	0.31	1.7	47	0.26
48644 (2686887)	1.73	1.24	0.55	8.63	11.5	1.36	2	<1	0.40	<0.2	0.45	0.8	46	0.15
48645 C-DUP (2686888)	1.88	1.25	0.62	8.73	11.5	1.48	2	<1	0.46	<0.2	0.49	0.8	51	0.18
48646 (2686889)	0.91	0.63	0.23	6.22	3.37	0.81	4	<1	0.22	<0.2	<0.05	1.2	<10	0.09
48647 (2686890)	1.11	0.76	<0.05	7.02	7.78	0.87	4	<1	0.23	<0.2	<0.05	0.3	<10	0.06
48648 (2686891)	0.84	0.57	<0.05	7.41	6.05	0.68	2	<1	0.19	<0.2	<0.05	0.1	<10	0.05
48649 (2686892)	1.09	0.76	<0.05	7.24	6.71	0.77	3	<1	0.23	<0.2	<0.05	0.2	<10	0.05
48650 (2686893)	0.91	0.56	<0.05	6.98	6.76	0.64	2	<1	0.18	<0.2	<0.05	0.2	<10	0.07

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769290

PROJECT: 2021 Surimeau DDH Batch 59

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
48601 (2686844)	14.6	1100	<2	<1	1.2	1410	<0.01	<5	0.25	0.9	0.28	<0.1	20	21.5
48602 (2686845)	3.83	749	<2	7	21.3	28	0.04	7	5.97	57.6	0.31	<0.1	8	25.1
48603 (2686846)	15.6	1210	<2	<1	1.0	1560	<0.01	<5	0.17	0.9	0.24	<0.1	21	22.7
48604 (2686847)	14.6	1050	<2	<1	1.2	1440	<0.01	<5	0.23	1.3	0.26	<0.1	20	23.2
48605 (2686848)	15.1	1020	6	<1	1.2	1390	<0.01	<5	0.18	0.8	0.29	<0.1	20	23.9
48606 (2686849)	14.5	1150	<2	<1	1.5	1220	0.02	<5	0.20	0.7	0.32	<0.1	25	22.2
48607 (2686850)	14.9	1300	<2	<1	2.1	830	0.02	<5	0.32	0.7	0.23	<0.1	29	20.7
48608 (2686851)	15.2	1230	<2	<1	1.7	1300	0.02	<5	0.31	0.6	0.33	<0.1	26	22.4
48609 (2686852)	15.8	1300	<2	<1	1.1	1400	<0.01	<5	0.15	0.9	0.20	<0.1	22	21.8
48610 (2686853)	15.6	1330	<2	<1	1.3	1510	<0.01	<5	0.18	0.6	0.13	<0.1	21	21.9
48611 (2686854)	17.4	1360	<2	<1	1.3	1600	<0.01	<5	0.27	0.6	0.11	<0.1	21	21.5
48612 C-DUP (2686855)	17.2	1350	<2	<1	1.4	1590	<0.01	<5	0.25	0.5	0.10	<0.1	21	21.5
48613 (2686856)	17.1	1440	<2	<1	2.2	1560	0.02	<5	0.40	0.8	0.13	<0.1	20	21.6
48614 (2686857)	18.4	1340	<2	<1	1.5	1760	<0.01	<5	0.31	1.1	0.08	<0.1	20	22.2
48615 (2686858)	17.8	1390	<2	<1	1.2	1770	<0.01	<5	0.22	0.8	0.08	<0.1	20	22.5
48616 (2686859)	17.0	1430	<2	<1	1.4	1650	<0.01	<5	0.24	0.8	0.20	<0.1	21	22.8
48617 (2686860)	15.1	1360	<2	<1	1.4	1370	0.01	<5	0.19	0.6	0.38	<0.1	19	25.2
48618 (2686861)	13.8	2300	<2	<1	2.7	1580	0.01	<5	0.57	0.5	0.71	<0.1	22	20.5
48619 (2686862)	7.46	3780	<2	<1	2.0	1470	<0.01	12	0.42	0.5	0.71	<0.1	23	10.5
48620 (2686863)	6.36	3610	<2	<1	1.5	1620	<0.01	13	0.25	0.6	0.85	<0.1	16	12.5
48621 (2686864)	10.4	2880	<2	<1	1.5	1600	0.01	5	0.22	0.9	0.48	<0.1	19	22.0
48622 (2686865)	5.24	640	<2	4	14.8	22	0.03	<5	3.95	25.5	0.21	<0.1	<5	24.4
48623 (2686866)	12.0	2490	<2	<1	0.8	1320	<0.01	<5	0.16	0.4	0.20	<0.1	13	26.0
48624 (2686867)	10.5	2630	<2	1	4.7	1280	0.04	6	1.04	0.5	0.22	<0.1	19	22.6
48625 (2686868)	9.54	3430	<2	<1	1.9	2020	0.08	7	0.40	0.8	0.23	<0.1	29	22.1
48626 (2686869)	9.86	3590	<2	1	2.4	2080	<0.01	<5	0.42	0.7	0.20	<0.1	34	24.2
48627 (2686870)	8.30	3250	3	<1	2.2	1330	0.02	11	0.39	0.8	0.26	<0.1	19	20.1
48628 (2686871)	5.81	3600	<2	<1	3.0	1730	<0.01	22	0.63	0.5	0.46	<0.1	18	13.3
48629 (2686872)	4.56	4080	<2	<1	3.4	1520	<0.01	14	0.66	0.6	0.44	<0.1	17	12.0
48630 (2686873)	4.08	4140	<2	<1	3.4	1370	<0.01	15	0.69	1.0	0.44	<0.1	16	12.2
48631 (2686874)	5.05	4350	<2	<1	3.4	944	0.02	15	0.80	0.8	0.41	<0.1	15	13.1
48632 (2686875)	5.62	3300	3	<1	3.1	1880	0.01	9	0.65	0.8	0.56	<0.1	40	25.7

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769290

PROJECT: 2021 Surimeau DDH Batch 59

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
48633 (2686876)	4.34	4870	<2	1	3.2	2070	0.02	12	0.59	2.1	1.07	<0.1	45	24.7
48634 (2686877)	4.63	5400	<2	1	2.6	2390	<0.01	7	0.52	46.3	1.24	<0.1	44	25.2
48635 (2686878)	3.91	6660	4	3	3.4	2650	<0.01	12	0.58	2.0	2.51	<0.1	45	23.7
48636 (2686879)	1.16	2990	10	4	10.2	2910	0.03	16	2.37	0.5	13.6	<0.1	18	15.5
48637 (2686880)	4.70	3660	4	<1	4.2	1630	0.02	25	0.78	1.6	6.01	<0.1	39	23.8
48638 (2686881)	4.33	3710	12	<1	3.7	2140	0.02	19	0.62	17.4	4.09	<0.1	43	26.2
48639 (2686882)	4.05	4670	4	<1	3.4	2090	0.03	8	0.64	16.9	1.59	<0.1	40	27.2
48640 (2686883)	4.66	4100	<2	<1	2.5	1900	<0.01	5	0.39	32.1	0.74	<0.1	36	27.5
48641 (2686884)	4.94	3910	3	<1	2.7	2110	0.02	5	0.50	2.7	0.57	<0.1	40	26.5
48642 (2686885)	4.84	3810	3	<1	3.3	2240	0.01	5	0.57	3.2	0.60	<0.1	42	26.5
48643 (2686886)	5.49	4740	<2	<1	3.4	2410	0.02	7	0.67	6.1	0.38	<0.1	50	23.6
48644 (2686887)	9.08	3610	<2	<1	2.2	1300	<0.01	5	0.36	14.0	0.22	<0.1	32	20.4
48645 C-DUP (2686888)	9.25	3630	<2	<1	2.3	1330	0.01	6	0.38	15.6	0.21	<0.1	33	20.4
48646 (2686889)	12.6	2070	<2	<1	1.6	1270	0.04	<5	0.33	0.5	0.45	<0.1	15	23.5
48647 (2686890)	15.4	1470	<2	<1	1.3	1460	0.01	<5	0.20	0.5	0.29	<0.1	20	23.7
48648 (2686891)	16.4	1280	<2	<1	1.0	1650	<0.01	<5	0.13	0.4	0.18	<0.1	20	24.1
48649 (2686892)	16.8	1160	<2	<1	1.2	1540	<0.01	<5	0.16	0.6	0.20	<0.1	20	24.8
48650 (2686893)	15.8	1070	<2	<1	0.8	1620	<0.01	<5	0.14	0.3	0.40	<0.1	20	23.2

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769290

PROJECT: 2021 Surimeau DDH Batch 59

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
48601 (2686844)	0.5	<1	50.7	<0.5	0.14	0.1	0.16	<0.5	0.08	<0.05	122	<1	6.4	0.6
48602 (2686845)	3.5	<1	239	<0.5	0.42	5.0	0.26	<0.5	0.20	0.84	49	<1	15.1	1.4
48603 (2686846)	0.4	<1	37.4	<0.5	0.12	<0.1	0.17	<0.5	0.06	<0.05	119	1	6.2	0.6
48604 (2686847)	0.5	<1	31.1	<0.5	0.17	<0.1	0.17	<0.5	0.09	<0.05	109	2	7.2	0.7
48605 (2686848)	0.5	<1	22.4	<0.5	0.13	<0.1	0.17	<0.5	0.08	<0.05	115	2	6.6	0.7
48606 (2686849)	0.5	<1	27.4	<0.5	0.15	<0.1	0.21	<0.5	0.11	<0.05	167	2	7.6	0.8
48607 (2686850)	0.8	<1	38.6	<0.5	0.22	<0.1	0.24	<0.5	0.14	<0.05	197	1	10.9	1.0
48608 (2686851)	0.8	<1	38.7	<0.5	0.21	<0.1	0.20	<0.5	0.11	<0.05	148	2	8.9	0.8
48609 (2686852)	0.4	<1	34.7	<0.5	0.13	<0.1	0.17	<0.5	0.09	<0.05	122	1	6.3	0.6
48610 (2686853)	0.4	<1	39.4	<0.5	0.10	<0.1	0.17	<0.5	0.07	<0.05	118	1	5.6	0.5
48611 (2686854)	0.4	<1	71.2	<0.5	0.15	<0.1	0.16	<0.5	0.07	<0.05	120	<1	6.7	0.6
48612 C-DUP (2686855)	0.5	<1	70.5	<0.5	0.11	<0.1	0.16	<0.5	0.08	<0.05	119	<1	6.9	0.6
48613 (2686856)	0.7	<1	100	<0.5	0.18	<0.1	0.15	<0.5	0.11	<0.05	109	1	9.5	0.7
48614 (2686857)	0.5	<1	57.7	<0.5	0.13	<0.1	0.16	<0.5	0.08	<0.05	116	2	6.9	0.6
48615 (2686858)	0.4	<1	59.3	<0.5	0.12	<0.1	0.16	<0.5	0.07	<0.05	112	<1	5.5	0.5
48616 (2686859)	0.6	<1	62.2	<0.5	0.13	<0.1	0.17	<0.5	0.08	<0.05	115	1	6.8	0.6
48617 (2686860)	0.4	<1	27.7	<0.5	0.14	<0.1	0.15	<0.5	0.07	<0.05	98	<1	6.6	0.7
48618 (2686861)	0.8	<1	52.1	<0.5	0.19	<0.1	0.16	<0.5	0.11	<0.05	127	<1	9.5	0.8
48619 (2686862)	0.7	<1	234	<0.5	0.19	<0.1	0.16	<0.5	0.14	<0.05	124	<1	13.3	0.9
48620 (2686863)	0.4	<1	329	<0.5	0.13	<0.1	0.12	<0.5	0.08	<0.05	81	<1	9.3	0.7
48621 (2686864)	0.4	<1	121	<0.5	0.14	<0.1	0.13	<0.5	0.09	<0.05	109	<1	7.9	0.6
48622 (2686865)	2.7	<1	173	<0.5	0.35	1.9	0.15	<0.5	0.15	1.11	17	<1	12.5	1.1
48623 (2686866)	0.4	<1	63.2	<0.5	0.08	<0.1	0.10	<0.5	<0.05	0.06	87	<1	5.2	0.5
48624 (2686867)	1.0	<1	156	<0.5	0.19	0.5	0.18	<0.5	0.11	0.18	107	<1	9.0	0.9
48625 (2686868)	0.7	1	155	<0.5	0.17	<0.1	0.22	<0.5	0.13	0.06	150	<1	10.8	1.0
48626 (2686869)	0.8	7	51.0	<0.5	0.23	<0.1	0.27	<0.5	0.16	0.05	223	<1	11.6	1.0
48627 (2686870)	0.5	2	259	<0.5	0.19	<0.1	0.16	<0.5	0.11	0.07	120	<1	10.5	0.9
48628 (2686871)	0.7	<1	476	<0.5	0.20	<0.1	0.13	<0.5	0.17	<0.05	101	<1	15.6	1.2
48629 (2686872)	0.9	<1	463	<0.5	0.27	<0.1	0.12	<0.5	0.22	<0.05	96	<1	18.9	1.4
48630 (2686873)	0.9	<1	458	<0.5	0.25	<0.1	0.10	<0.5	0.22	0.08	85	<1	19.2	1.5
48631 (2686874)	0.8	<1	420	<0.5	0.21	<0.1	0.11	<0.5	0.18	0.11	106	<1	16.7	1.2
48632 (2686875)	1.1	<1	182	<0.5	0.29	<0.1	0.33	<0.5	0.19	0.13	235	<1	13.3	1.4

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769290

PROJECT: 2021 Surimeau DDH Batch 59

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
48633 (2686876)	1.2	3	177	<0.5	0.35	<0.1	0.38	<0.5	0.24	0.30	280	<1	17.2	1.6
48634 (2686877)	1.0	1	138	<0.5	0.31	<0.1	0.37	1.9	0.20	0.16	274	<1	14.7	1.5
48635 (2686878)	1.2	8	213	<0.5	0.36	<0.1	0.36	<0.5	0.24	0.33	303	<1	16.6	1.6
48636 (2686879)	2.4	21	396	<0.5	0.50	1.0	0.19	<0.5	0.34	0.96	106	<1	20.6	2.5
48637 (2686880)	1.3	22	122	<0.5	0.41	0.1	0.34	<0.5	0.26	0.06	248	<1	16.7	1.7
48638 (2686881)	1.2	5	95.6	<0.5	0.36	<0.1	0.36	<0.5	0.21	<0.05	263	<1	15.6	1.4
48639 (2686882)	1.2	2	78.3	<0.5	0.35	<0.1	0.34	0.6	0.24	<0.05	252	<1	16.6	1.5
48640 (2686883)	0.8	<1	70.8	<0.5	0.34	<0.1	0.29	1.2	0.20	<0.05	212	<1	14.2	1.3
48641 (2686884)	1.0	<1	93.0	<0.5	0.28	<0.1	0.31	<0.5	0.16	<0.05	237	<1	13.2	1.3
48642 (2686885)	1.1	<1	89.1	<0.5	0.33	<0.1	0.32	<0.5	0.22	0.07	235	<1	15.8	1.5
48643 (2686886)	1.3	1	135	<0.5	0.41	<0.1	0.41	<0.5	0.24	<0.05	295	<1	17.4	1.6
48644 (2686887)	0.8	2	121	<0.5	0.26	<0.1	0.27	<0.5	0.15	0.10	204	<1	11.8	1.1
48645 C-DUP (2686888)	0.8	2	120	<0.5	0.27	<0.1	0.27	<0.5	0.15	2.03	213	<1	11.9	1.1
48646 (2686889)	0.5	<1	105	<0.5	0.12	<0.1	0.11	<0.5	0.08	<0.05	85	<1	6.4	0.6
48647 (2686890)	0.4	<1	19.7	<0.5	0.13	<0.1	0.15	<0.5	0.08	<0.05	115	<1	6.3	0.5
48648 (2686891)	0.4	<1	14.8	<0.5	0.10	<0.1	0.17	<0.5	0.06	<0.05	110	<1	5.4	0.5
48649 (2686892)	0.4	<1	16.7	<0.5	0.15	<0.1	0.14	<0.5	0.08	<0.05	110	1	6.5	0.6
48650 (2686893)	0.4	<1	19.5	<0.5	0.11	<0.1	0.16	<0.5	0.06	<0.05	115	<1	5.3	0.5

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769290

PROJECT: 2021 Surimeau DDH Batch 59

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
48601 (2686844)	46	14.5
48602 (2686845)	34	179
48603 (2686846)	49	14.0
48604 (2686847)	50	15.9
48605 (2686848)	41	12.7
48606 (2686849)	51	16.0
48607 (2686850)	62	21.1
48608 (2686851)	59	14.6
48609 (2686852)	60	14.1
48610 (2686853)	74	14.0
48611 (2686854)	53	12.7
48612 C-DUP (2686855)	62	12.2
48613 (2686856)	46	11.8
48614 (2686857)	48	15.8
48615 (2686858)	58	12.5
48616 (2686859)	55	14.5
48617 (2686860)	44	11.8
48618 (2686861)	54	12.9
48619 (2686862)	47	11.4
48620 (2686863)	41	9.6
48621 (2686864)	59	11.1
48622 (2686865)	16	142
48623 (2686866)	83	8.8
48624 (2686867)	86	21.4
48625 (2686868)	155	16.2
48626 (2686869)	340	19.9
48627 (2686870)	204	12.6
48628 (2686871)	76	10.9
48629 (2686872)	81	10.0
48630 (2686873)	70	8.2
48631 (2686874)	98	10.5
48632 (2686875)	108	25.3

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769290

PROJECT: 2021 Surimeau DDH Batch 59

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
48633 (2686876)	173	27.7
48634 (2686877)	309	26.7
48635 (2686878)	572	30.3
48636 (2686879)	3500	56.6
48637 (2686880)	788	32.5
48638 (2686881)	355	30.3
48639 (2686882)	142	27.8
48640 (2686883)	82	23.6
48641 (2686884)	103	22.5
48642 (2686885)	110	25.4
48643 (2686886)	109	30.3
48644 (2686887)	120	22.5
48645 C-DUP (2686888)	130	22.8
48646 (2686889)	51	8.5
48647 (2686890)	55	13.6
48648 (2686891)	56	11.4
48649 (2686892)	56	13.0
48650 (2686893)	48	11.3

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769290

PROJECT: 2021 Surimeau DDH Batch 59

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
48601 (2686844)	78.03
48620 (2686863)	81.53
48640 (2686883)	79.56

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769290

PROJECT: 2021 Surimeau DDH Batch 59

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
48601 (2686844)	87.50
48620 (2686863)	87.33
48640 (2686883)	87.80

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 150 Jaguar Drive, Timmins, ON and 35 General Aviation Road, Timmins, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O769290

PROJECT: 2021 Surimeau DDH Batch 59

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2686844	< 1	< 1	0.0%	2686858	< 1	< 1	0.0%	2686869	< 1	< 1	0.0%	2686884	< 1	< 1	0.0%
Al	2686844	3.13	3.18	1.6%	2686858	2.77	2.77	0.0%	2686869	4.54	4.73	4.1%	2686884	5.71	5.86	2.6%
As	2686844	< 5	< 5	0.0%	2686858	< 5	< 5	0.0%	2686869	< 5	< 5	0.0%	2686884	< 5	< 5	0.0%
B	2686844	< 20	< 20	0.0%	2686858	34	41	18.7%	2686869	< 20	< 20	0.0%	2686884	< 20	< 20	0.0%
Ba	2686844	1.4	1.4	0.0%	2686858	1.33	1.50	12.0%	2686869	23.9	23.8	0.4%	2686884	105	102	2.9%
Be	2686844	< 5	< 5	0.0%	2686858	< 5	< 5	0.0%	2686869	< 5	< 5	0.0%	2686884	< 5	< 5	0.0%
Bi	2686844	0.4	0.4	0.0%	2686858	0.44	0.54	20.4%	2686869	1.2	1.2	0.0%	2686884	0.4	0.4	0.0%
Ca	2686844	5.92	6.16	4.0%	2686858	3.82	3.83	0.3%	2686869	9.59	9.78	2.0%	2686884	5.90	6.02	2.0%
Cd	2686844	< 0.2	< 0.2	0.0%	2686858	< 0.2	< 0.2	0.0%	2686869	0.2	0.2	0.0%	2686884	< 0.2	< 0.2	0.0%
Ce	2686844	1.0	1.0	0.0%	2686858	1.3	1.2	8.0%	2686869	2.44	2.54	4.0%	2686884	2.8	3.7	27.7%
Co	2686844	110	101	8.5%	2686858	108	111	2.7%	2686869	160	156	2.5%	2686884	157	168	6.8%
Cr	2686844	0.263	0.264	0.4%	2686858	0.222	0.222	0.0%	2686869	0.370	0.373	0.8%	2686884	0.414	0.415	0.2%
Cs	2686844	0.51	0.43	17.0%	2686858	0.74	0.90	19.5%	2686869	< 0.1	< 0.1	0.0%	2686884	0.5	0.5	0.0%
Cu	2686844	54	56	3.6%	2686858	< 5	< 5	0.0%	2686869	12	12	0.0%	2686884	79	77	2.6%
Dy	2686844	1.07	1.03	3.8%	2686858	1.04	0.904	14.0%	2686869	1.79	1.91	6.5%	2686884	2.16	2.50	14.6%
Er	2686844	0.66	0.67	1.5%	2686858	0.64	0.65	1.6%	2686869	1.15	1.09	5.4%	2686884	1.60	1.67	4.3%
Eu	2686844	< 0.05	< 0.05	0.0%	2686858	< 0.05	< 0.05	0.0%	2686869	0.386	0.382	1.0%	2686884	0.433	0.475	9.3%
Fe	2686844	6.82	6.97	2.2%	2686858	7.80	7.82	0.3%	2686869	8.53	8.69	1.9%	2686884	8.75	8.95	2.3%
Ga	2686844	7.09	6.88	3.0%	2686858	5.92	6.28	5.9%	2686869	12.0	11.7	2.5%	2686884	10.9	11.5	5.4%
Gd	2686844	0.933	0.773	18.8%	2686858	0.67	0.72	7.2%	2686869	1.55	1.44	7.4%	2686884	1.67	1.77	5.8%
Ge	2686844	2	2	0.0%	2686858	2	2	0.0%	2686869	4	4	0.0%	2686884	3	4	28.6%
Hf	2686844	< 1	< 1	0.0%	2686858	< 1	< 1	0.0%	2686869	< 1	< 1	0.0%	2686884	< 1	< 1	0.0%
Ho	2686844	0.226	0.221	2.2%	2686858	0.184	0.229	21.8%	2686869	0.399	0.427	6.8%	2686884	0.491	0.568	14.5%
In	2686844	< 0.2	< 0.2	0.0%	2686858	< 0.2	< 0.2	0.0%	2686869	< 0.2	< 0.2	0.0%	2686884	< 0.2	< 0.2	0.0%
K	2686844	< 0.05	< 0.05	0.0%	2686858	< 0.05	< 0.05	0.0%	2686869	0.151	0.159	5.2%	2686884	0.118	0.114	3.4%
La	2686844	0.3	0.3	0.0%	2686858	0.5	0.5	0.0%	2686869	1.1	1.1	0.0%	2686884	1.3	1.5	14.3%
Li	2686844	< 10	< 10	0.0%	2686858	< 10	< 10	0.0%	2686869	18	19	5.4%	2686884	24	25	4.1%
Lu	2686844	0.075	0.066	12.8%	2686858	0.07	0.08	13.3%	2686869	0.149	0.156	4.6%	2686884	0.206	0.197	4.5%
Mg	2686844	14.6	14.7	0.7%	2686858	17.8	18.2	2.2%	2686869	9.86	9.64	2.3%	2686884	4.94	5.11	3.4%
Mn	2686844	1100	1130	2.7%	2686858	1390	1380	0.7%	2686869	3590	3680	2.5%	2686884	3910	3980	1.8%
Mo	2686844	< 2	< 2	0.0%	2686858	< 2	< 2	0.0%	2686869	< 2	< 2	0.0%	2686884	3	3	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Nb	2686844	< 1	< 1	0.0%	2686858	< 1	< 1	0.0%	2686869	1	1	0.0%	2686884	< 1	< 1	0.0%
Nd	2686844	1.18	0.90	26.9%	2686858	1.2	1.2	0.0%	2686869	2.4	2.4	0.0%	2686884	2.7	3.1	13.8%
Ni	2686844	1410	1400	0.7%	2686858	1770	1740	1.7%	2686869	2080	2080	0.0%	2686884	2110	2080	1.4%
P	2686844	< 0.01	< 0.01	0.0%	2686858	< 0.01	< 0.01	0.0%	2686869	< 0.01	0.01		2686884	0.02	0.02	0.0%
Pb	2686844	< 5	< 5	0.0%	2686858	< 5	< 5	0.0%	2686869	< 5	< 5	0.0%	2686884	5	5	0.0%
Pr	2686844	0.25	0.16		2686858	0.224	0.214	4.6%	2686869	0.42	0.42	0.0%	2686884	0.497	0.585	16.3%
Rb	2686844	0.90	0.84	6.9%	2686858	0.8	0.8	0.0%	2686869	0.7	0.7	0.0%	2686884	2.74	3.06	11.0%
S	2686844	0.277	0.265	4.4%	2686858	0.081	0.090	10.5%	2686869	0.20	0.20	0.0%	2686884	0.57	0.56	1.8%
Sb	2686844	< 0.1	< 0.1	0.0%	2686858	< 0.1	< 0.1	0.0%	2686869	< 0.1	< 0.1	0.0%	2686884	< 0.1	< 0.1	0.0%
Sc	2686844	20	21	4.9%	2686858	20	20	0.0%	2686869	34	34	0.0%	2686884	40	40	0.0%
Si	2686844	21.5	22.1	2.8%	2686858	22.5	22.5	0.0%	2686869	24.2	24.8	2.4%	2686884	26.5	27.2	2.6%
Sm	2686844	0.5	0.5	0.0%	2686858	0.4	0.4	0.0%	2686869	0.83	0.96	14.5%	2686884	1.0	1.0	0.0%
Sn	2686844	< 1	< 1	0.0%	2686858	< 1	< 1	0.0%	2686869	7	7	0.0%	2686884	< 1	< 1	0.0%
Sr	2686844	50.7	53.0	4.4%	2686858	59.3	59.1	0.3%	2686869	51.0	53.0	3.8%	2686884	93.0	95.7	2.9%
Ta	2686844	< 0.5	< 0.5	0.0%	2686858	< 0.5	< 0.5	0.0%	2686869	< 0.5	< 0.5	0.0%	2686884	< 0.5	< 0.5	0.0%
Tb	2686844	0.137	0.130	5.2%	2686858	0.12	0.12	0.0%	2686869	0.23	0.24	4.3%	2686884	0.28	0.28	0.0%
Th	2686844	0.1	< 0.1		2686858	< 0.1	< 0.1	0.0%	2686869	< 0.1	< 0.1	0.0%	2686884	< 0.1	< 0.1	0.0%
Ti	2686844	0.163	0.166	1.8%	2686858	0.16	0.16	0.0%	2686869	0.27	0.27	0.0%	2686884	0.312	0.319	2.2%
Tl	2686844	< 0.5	< 0.5	0.0%	2686858	< 0.5	< 0.5	0.0%	2686869	< 0.5	< 0.5	0.0%	2686884	< 0.5	< 0.5	0.0%
Tm	2686844	0.082	0.072	13.0%	2686858	0.068	0.065	4.5%	2686869	0.158	0.145	8.6%	2686884	0.162	0.216	28.6%
U	2686844	< 0.05	< 0.05	0.0%	2686858	< 0.05	< 0.05	0.0%	2686869	0.053	0.067	23.3%	2686884	< 0.05	< 0.05	0.0%
V	2686844	122	121	0.8%	2686858	112	110	1.8%	2686869	223	222	0.4%	2686884	237	231	2.6%
W	2686844	< 1	< 1	0.0%	2686858	< 1	< 1	0.0%	2686869	< 1	< 1	0.0%	2686884	< 1	< 1	0.0%
Y	2686844	6.4	6.2	3.2%	2686858	5.5	5.8	5.3%	2686869	11.6	10.9	6.2%	2686884	13.2	14.3	8.0%
Yb	2686844	0.6	0.6	0.0%	2686858	0.5	0.5	0.0%	2686869	1.0	1.0	0.0%	2686884	1.31	1.41	7.4%
Zn	2686844	46	48	4.3%	2686858	58	53	9.0%	2686869	340	354	4.0%	2686884	103	100	3.0%
Zr	2686844	14.5	13.1	10.1%	2686858	12.5	13.4	6.9%	2686869	19.9	18.9	5.2%	2686884	22.5	23.7	5.2%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O769290

PROJECT: 2021 Surimeau DDH Batch 59

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.63	102%	90% - 110%					6.94	7.47	108%	90% - 110%	13.0	13.8	106%	90% - 110%
As	26	28	108%	90% - 110%												
Ba	540	561	104%	90% - 110%									1310	1428	109%	90% - 110%
Be	4.0	3.8	96%	90% - 110%												
Ca	0.907	0.904	100%	90% - 110%					4.01	4.28	107%	90% - 110%	1.42	1.51	106%	90% - 110%
Ce	98	104	106%	90% - 110%	58.2	60.8	105%	90% - 110%								
Co	15	17	112%	90% - 110%												
Cu	150	168	112%	90% - 110%									6.4	6.2	98%	90% - 110%
Er	3.7	4	109%	90% - 110%												
Fe	3.77	3.98	106%	90% - 110%					7.56	8.28	110%	90% - 110%	3.27	3.58	109%	90% - 110%
Ga					22.6	23.7	105%	90% - 110%								
Hf	11	13	114%	90% - 110%												
K	2.55	2.61	102%	90% - 110%					2.02	2.19	109%	90% - 110%	3.68	4.02	109%	90% - 110%
La	44	48	108%	90% - 110%	27.5	29.9	109%	90% - 110%								
Li	47	52	110%	90% - 110%									65.0	76.1	117%	90% - 110%
Lu	0.6	0.6	97%	90% - 110%												
Mg	1.1	1.1	101%	90% - 110%					2.41	2.61	108%	90% - 110%				
Mn	780	817	105%	90% - 110%												
Mo	14	15	106%	90% - 110%												
Nb	20	22	110%	90% - 110%	22.6	26.6	118%	90% - 110%								
Nd					27.3	28.7	105%	90% - 110%								
Ni	32	38	118%	90% - 110%												
P													0.061	0.072	118%	90% - 110%
Pb	31	37	119%	90% - 110%												
Rb	144	150	104%	90% - 110%	85.4	89.6	105%	90% - 110%								
Sb	0.8	0.8	100%	90% - 110%												
Sc	12	13	110%	90% - 110%												
Si	28.4	29.5	104%	90% - 110%					23.65	25.49	108%	90% - 110%	24.4	26.4	108%	90% - 110%
Sm	7.4	7.9	107%	90% - 110%												
Sr	144	155	108%	90% - 110%									310	340	110%	90% - 110%
Ta	1.9	2.1	110%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Tb	1.2	1.2	100%	90% - 110%												
Th	18.4	19.9	108%	90% - 110%												
Ti	0.527	0.551	105%	90% - 110%									0.222	0.239	108%	90% - 110%
U	5.7	6.1	107%	90% - 110%												
V	77	85	110%	90% - 110%												
Y	40	40	101%	90% - 110%	25.3	28.7	114%	90% - 110%								
Yb					2.66	3.06	115%	90% - 110%								
Zn	130	134	103%	90% - 110%									75.4	87	115%	90% - 110%
Zr	390	412	106%	90% - 110%	157	166	106%	90% - 110%								

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O769290

PROJECT: 2021 Surimeau DDH Batch 59

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O769290

PROJECT: 2021 Surimeau DDH Batch 59

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O769290

PROJECT: 2021 Surimeau DDH Batch 59

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE
Pass %	MIN-200-12012	Johnson, W.: Laboratory Sampling and Sample Prep	BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 60

AGAT WORK ORDER: 21O769292

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Oct 22, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

Disclaimer:

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project Manager if you require additional sample storage time.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
- The test results reported herewith relate only to the samples as received by the laboratory.
- Measurement Uncertainty is not taken into consideration when stating conformity with a specified requirement.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769292

PROJECT: 2021 Surimeau DDH Batch 60

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Oct 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
48651 (2686914)	3.41
48652 (2686915)	1.15
48653 (2686916)	3.80
48654 (2686917)	2.58
48655 (2686918)	0.07
48656 (2686919)	2.05
48657 (2686920)	2.64
48658 (2686921)	3.23
48659 (2686922)	3.40
48660 (2686923)	3.45
48661 (2686924)	3.38
48662 C-DUP (2686925)	-
48663 (2686926)	3.48
48664 (2686927)	1.87
48665 (2686928)	1.83
48666 (2686929)	3.32
48667 (2686930)	3.46
48668 (2686931)	3.55
48669 (2686932)	3.59
48670 (2686933)	3.47
48671 (2686934)	3.54
48672 (2686935)	0.81
48673 (2686936)	4.12
48674 (2686937)	4.44
48675 (2686938)	3.81
48676 (2686939)	3.95
48677 (2686940)	3.90
48678 (2686941)	4.06
48679 (2686942)	3.99
48680 (2686943)	4.01
48681 (2686944)	3.96

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769292

PROJECT: 2021 Surimeau DDH Batch 60

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Oct 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
48682 (2686945)	3.92
48683 (2686946)	3.66
48684 (2686947)	3.22
48685 (2686948)	3.80
48686 (2686949)	2.55
48687 (2686950)	3.12
48688 (2686951)	3.42
48689 (2686952)	3.94
48690 (2686953)	3.81
48691 (2686954)	2.27
48692 (2686955)	1.52
48693 (2686956)	4.05
48694 (2686957)	3.66
48695 C-DUP (2686958)	-
48696 (2686959)	4.05
48697 (2686960)	3.99
48698 (2686961)	3.72
48699 (2686962)	3.60
48700 (2686963)	3.85

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769292

PROJECT: 2021 Surimeau DDH Batch 60

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Oct 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
48651 (2686914)	<1	3.47	<5	<20	<0.5	<5	0.8	5.12	<0.2	0.9	107	0.247	0.4	112
48652 (2686915)	<1	2.73	<5	<20	290	<5	<0.1	11.7	0.2	20.3	5.5	0.022	0.6	5
48653 (2686916)	<1	2.08	<5	<20	<0.5	<5	0.5	10.6	<0.2	1.6	83.4	0.184	0.2	111
48654 (2686917)	<1	6.38	<5	<20	377	<5	1.2	11.5	<0.2	3.9	166	0.484	11.3	127
48655 (2686918)	3	1.05	25	51	56.3	<5	0.6	2.49	1.0	11.3	1180	0.022	0.6	14400
48656 (2686919)	<1	5.54	<5	<20	404	5	0.4	8.40	<0.2	40.6	77.2	0.191	30.2	7
48657 (2686920)	<1	2.95	<5	<20	17.9	<5	0.5	4.87	<0.2	1.4	88.4	0.203	2.5	25
48658 (2686921)	<1	2.69	<5	<20	1.3	<5	0.4	5.13	<0.2	1.1	85.6	0.190	0.5	38
48659 (2686922)	<1	2.91	<5	<20	<0.5	<5	0.4	6.45	<0.2	1.2	91.4	0.213	0.4	130
48660 (2686923)	<1	3.91	<5	<20	1.9	<5	0.2	8.23	<0.2	7.8	92.1	0.237	0.4	71
48661 (2686924)	<1	3.34	<5	<20	5.7	<5	0.2	9.95	<0.2	4.1	84.0	0.237	0.4	35
48662 C-DUP (2686925)	<1	3.37	<5	<20	3.6	<5	0.3	10.1	<0.2	4.2	86.0	0.241	0.4	34
48663 (2686926)	<1	2.41	<5	<20	9.0	<5	0.3	14.2	<0.2	1.5	78.7	0.182	0.7	34
48664 (2686927)	<1	5.95	<5	<20	289	<5	0.3	12.9	<0.2	3.1	112	0.373	6.2	23
48665 (2686928)	<1	6.09	<5	<20	271	<5	0.4	11.8	<0.2	3.1	118	0.385	6.9	30
48666 (2686929)	<1	3.66	<5	<20	2.6	<5	0.2	9.07	<0.2	2.1	81.6	0.251	0.4	16
48667 (2686930)	<1	3.51	<5	<20	10.1	<5	0.5	5.53	<0.2	0.9	94.5	0.232	0.9	71
48668 (2686931)	<1	3.04	7	<20	<0.5	<5	0.5	4.84	<0.2	1.1	92.2	0.228	0.6	53
48669 (2686932)	<1	3.39	8	<20	<0.5	<5	0.5	4.55	<0.2	1.2	96.2	0.242	0.5	61
48670 (2686933)	<1	4.34	<5	<20	2.4	<5	0.5	4.55	<0.2	2.0	94.8	0.292	0.5	53
48671 (2686934)	<1	4.48	<5	<20	0.9	<5	0.3	4.05	<0.2	1.9	86.2	0.258	0.4	8
48672 (2686935)	<1	4.48	<5	<20	497	<5	<0.1	10.5	<0.2	61.1	10.1	0.023	0.7	10
48673 (2686936)	<1	3.56	<5	<20	3.8	<5	0.2	5.22	<0.2	1.9	84.6	0.257	0.3	35
48674 (2686937)	<1	3.62	14	<20	2.5	<5	0.5	4.40	<0.2	1.5	90.7	0.249	0.6	63
48675 (2686938)	<1	2.94	15	<20	82.8	<5	0.9	4.87	0.2	2.3	86.2	0.215	8.7	55
48676 (2686939)	<1	3.97	<5	<20	0.7	<5	0.5	4.29	<0.2	14.9	86.2	0.203	0.7	73
48677 (2686940)	<1	2.62	<5	<20	1.1	<5	0.6	5.87	<0.2	2.5	84.5	0.209	0.4	58
48678 (2686941)	<1	3.03	<5	<20	3.8	<5	0.5	5.80	<0.2	1.6	87.7	0.230	0.4	87
48679 (2686942)	<1	2.95	<5	<20	1.3	<5	0.5	5.41	<0.2	1.7	87.5	0.231	0.5	71
48680 (2686943)	<1	3.45	<5	<20	<0.5	<5	0.3	5.32	<0.2	1.5	85.0	0.230	0.5	69
48681 (2686944)	<1	2.57	<5	<20	1.6	<5	0.2	7.18	<0.2	2.0	74.3	0.176	0.4	51
48682 (2686945)	<1	3.09	<5	<20	<0.5	<5	0.3	5.40	<0.2	1.3	87.9	0.211	0.6	57

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769292

PROJECT: 2021 Surimeau DDH Batch 60

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Oct 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
48683 (2686946)	<1	3.10	<5	<20	0.6	<5	0.3	5.46	<0.2	1.8	88.8	0.222	0.5	52
48684 (2686947)	<1	2.73	<5	<20	1.7	<5	0.3	6.49	<0.2	3.2	83.7	0.216	0.6	54
48685 (2686948)	<1	3.57	<5	<20	1.8	<5	0.2	4.60	<0.2	7.4	88.9	0.226	0.7	54
48686 (2686949)	<1	3.13	<5	<20	<0.5	<5	0.3	5.81	<0.2	2.5	92.7	0.238	0.7	58
48687 (2686950)	<1	3.75	<5	<20	1.7	<5	0.2	4.29	<0.2	1.5	95.7	0.251	0.8	44
48688 (2686951)	<1	3.14	<5	<20	18.9	<5	0.7	5.79	<0.2	1.8	83.5	0.218	1.7	57
48689 (2686952)	1	3.29	<5	<20	9.8	<5	0.9	6.25	<0.2	1.7	86.2	0.228	0.8	56
48690 (2686953)	<1	3.48	<5	<20	4.9	<5	0.6	5.39	<0.2	1.6	91.3	0.233	0.6	59
48691 (2686954)	<1	3.44	<5	<20	15.7	<5	1.2	5.46	<0.2	1.5	87.6	0.237	1.6	58
48692 (2686955)	<1	3.35	<5	<20	15.1	<5	0.8	5.46	<0.2	1.6	86.6	0.231	1.6	57
48693 (2686956)	2	3.08	<5	<20	26.0	<5	0.6	6.04	<0.2	1.8	82.0	0.207	2.3	53
48694 (2686957)	<1	3.16	<5	<20	5.4	<5	0.6	6.03	<0.2	1.6	88.6	0.225	0.5	58
48695 C-DUP (2686958)	<1	3.14	<5	<20	3.8	<5	0.6	6.01	<0.2	1.6	85.7	0.222	0.5	57
48696 (2686959)	<1	3.18	<5	<20	6.4	<5	0.5	5.91	<0.2	1.6	79.9	0.216	0.6	53
48697 (2686960)	1	3.41	<5	<20	0.8	<5	0.5	5.87	<0.2	1.4	89.9	0.257	0.2	61
48698 (2686961)	1	3.37	<5	<20	<0.5	<5	0.6	5.70	<0.2	1.6	88.0	0.238	0.3	53
48699 (2686962)	1	3.56	<5	<20	79.8	<5	0.6	5.63	<0.2	1.3	88.1	0.230	7.1	63
48700 (2686963)	<1	3.27	<5	<20	11.5	<5	0.5	6.22	<0.2	1.4	91.8	0.228	0.9	70

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769292

PROJECT: 2021 Surimeau DDH Batch 60

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Oct 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
48651 (2686914)	0.95	0.60	0.10	7.18	7.93	0.76	2	<1	0.20	<0.2	<0.05	0.2	<10	0.10
48652 (2686915)	1.61	0.91	0.62	1.46	6.61	1.84	<1	2	0.29	<0.2	1.59	9.7	26	0.11
48653 (2686916)	1.07	0.68	0.24	6.78	4.78	0.84	2	<1	0.21	<0.2	0.05	0.6	<10	0.11
48654 (2686917)	2.40	1.59	0.79	10.5	13.3	1.94	2	1	0.54	<0.2	0.83	1.8	64	0.22
48655 (2686918)	0.94	0.51	0.31	35.0	3.37	1.13	1	<1	0.19	<0.2	0.14	5.8	<10	0.08
48656 (2686919)	3.18	1.65	1.29	8.84	14.6	3.98	3	2	0.64	<0.2	1.16	18.2	81	0.23
48657 (2686920)	1.08	0.63	2.87	6.75	8.32	0.80	2	<1	0.22	<0.2	0.10	0.5	<10	0.09
48658 (2686921)	0.95	0.59	0.14	6.75	7.37	0.77	2	<1	0.21	<0.2	<0.05	0.3	<10	0.09
48659 (2686922)	1.10	0.73	0.18	6.80	6.91	0.87	2	<1	0.23	<0.2	0.05	0.4	<10	0.09
48660 (2686923)	1.56	1.06	0.27	8.32	7.93	1.47	1	<1	0.35	<0.2	0.06	3.3	<10	0.15
48661 (2686924)	1.42	0.96	0.39	7.74	6.98	1.17	1	<1	0.29	<0.2	<0.05	1.9	10	0.13
48662 C-DUP (2686925)	1.46	0.91	0.40	7.77	7.42	1.25	1	<1	0.29	<0.2	0.05	1.9	<10	0.13
48663 (2686926)	0.98	0.61	0.44	6.63	5.12	0.79	1	<1	0.21	<0.2	0.08	0.6	<10	0.09
48664 (2686927)	2.37	1.45	0.86	10.4	10.2	1.92	<1	<1	0.53	<0.2	0.44	1.3	38	0.22
48665 (2686928)	2.30	1.50	0.91	10.5	10.9	1.95	1	1	0.55	<0.2	0.46	1.2	38	0.22
48666 (2686929)	1.28	0.92	0.32	8.49	7.28	1.16	1	<1	0.30	<0.2	0.06	0.8	<10	0.13
48667 (2686930)	1.09	0.69	0.14	7.56	8.08	0.71	1	<1	0.24	<0.2	0.06	0.3	<10	0.10
48668 (2686931)	0.95	0.68	0.13	6.78	7.54	0.87	2	<1	0.22	<0.2	<0.05	0.3	<10	0.09
48669 (2686932)	1.15	0.84	0.16	7.16	7.99	0.83	2	<1	0.26	<0.2	<0.05	0.4	<10	0.09
48670 (2686933)	1.46	0.92	0.20	8.78	9.78	1.08	2	<1	0.33	<0.2	<0.05	0.8	<10	0.14
48671 (2686934)	1.49	1.03	0.22	8.47	8.87	1.25	1	<1	0.35	<0.2	<0.05	0.8	<10	0.16
48672 (2686935)	3.35	1.75	1.17	2.59	12.5	4.52	1	3	0.65	<0.2	2.35	28.2	23	0.23
48673 (2686936)	1.60	1.18	0.25	7.94	7.20	1.33	2	<1	0.38	<0.2	<0.05	0.6	<10	0.15
48674 (2686937)	1.17	0.70	0.19	7.37	8.76	0.85	2	<1	0.24	<0.2	<0.05	0.5	<10	0.11
48675 (2686938)	1.11	0.73	0.23	6.88	7.83	0.90	3	<1	0.24	<0.2	0.29	0.9	20	0.11
48676 (2686939)	1.28	0.89	0.21	7.22	9.99	1.56	2	1	0.28	<0.2	<0.05	7.1	<10	0.13
48677 (2686940)	1.25	0.74	0.28	6.45	6.40	1.06	2	<1	0.25	<0.2	<0.05	0.9	<10	0.12
48678 (2686941)	1.21	0.86	0.30	7.35	7.35	0.92	2	<1	0.26	<0.2	<0.05	0.6	<10	0.11
48679 (2686942)	1.41	0.92	0.26	7.01	7.06	1.13	2	<1	0.30	<0.2	<0.05	0.6	<10	0.14
48680 (2686943)	1.27	0.84	0.26	7.17	7.85	1.02	2	<1	0.27	<0.2	<0.05	0.5	<10	0.12
48681 (2686944)	1.35	0.90	0.40	6.46	6.23	1.08	2	<1	0.29	<0.2	0.06	0.8	<10	0.14
48682 (2686945)	1.10	0.74	0.24	7.09	7.25	0.86	1	<1	0.24	<0.2	0.05	0.5	<10	0.11

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769292

PROJECT: 2021 Surimeau DDH Batch 60

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Oct 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
48683 (2686946)	1.07	0.74	0.19	7.48	6.59	0.87	2	<1	0.25	<0.2	<0.05	0.7	<10	0.10
48684 (2686947)	1.51	1.00	0.33	6.99	5.79	1.24	2	<1	0.29	<0.2	<0.05	1.3	<10	0.13
48685 (2686948)	1.32	0.82	0.21	7.42	7.51	1.36	2	<1	0.25	<0.2	<0.05	3.5	<10	0.11
48686 (2686949)	1.39	0.85	0.26	7.30	6.71	1.03	1	<1	0.27	<0.2	<0.05	1.0	<10	0.12
48687 (2686950)	1.20	0.80	0.21	8.11	7.81	0.97	2	<1	0.28	<0.2	<0.05	0.6	<10	0.11
48688 (2686951)	1.23	0.75	0.24	6.87	8.32	0.90	5	<1	0.25	<0.2	0.19	0.7	11	0.10
48689 (2686952)	1.25	0.79	0.25	7.36	7.16	1.00	4	<1	0.28	<0.2	0.12	0.5	<10	0.11
48690 (2686953)	1.34	0.92	0.21	7.34	7.98	1.01	4	<1	0.28	<0.2	0.08	0.6	14	0.12
48691 (2686954)	1.28	0.85	0.21	7.48	7.77	1.04	4	<1	0.31	<0.2	0.20	0.4	14	0.12
48692 (2686955)	1.41	0.96	0.21	7.31	7.84	1.12	4	<1	0.29	<0.2	0.17	0.5	13	0.13
48693 (2686956)	1.35	0.82	0.27	6.84	6.82	1.07	4	<1	0.29	<0.2	0.27	0.6	16	0.14
48694 (2686957)	1.23	0.88	0.30	7.13	7.40	0.94	4	<1	0.26	<0.2	0.07	0.5	<10	0.11
48695 C-DUP (2686958)	1.18	0.79	0.25	7.13	7.64	0.93	5	<1	0.26	<0.2	0.06	0.4	11	0.11
48696 (2686959)	1.26	0.84	0.27	6.97	7.49	1.00	4	<1	0.27	<0.2	0.08	0.5	12	0.13
48697 (2686960)	1.35	0.91	0.20	7.54	7.33	1.10	5	<1	0.29	<0.2	<0.05	0.4	<10	0.13
48698 (2686961)	1.41	0.94	0.18	7.43	8.12	1.17	4	<1	0.33	<0.2	<0.05	0.5	<10	0.14
48699 (2686962)	1.25	0.78	0.22	7.15	9.38	0.95	4	<1	0.25	<0.2	0.79	0.4	36	0.12
48700 (2686963)	1.15	0.81	0.18	7.08	7.89	0.94	4	<1	0.27	<0.2	0.13	0.6	<10	0.12

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769292

PROJECT: 2021 Surimeau DDH Batch 60

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Oct 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
48651 (2686914)	15.8	955	<2	<1	1.0	1690	0.01	<5	0.15	0.6	0.69	<0.1	21	24.3
48652 (2686915)	6.86	564	<2	3	9.2	23	0.04	12	2.38	36.9	0.09	0.2	<5	23.7
48653 (2686916)	12.6	1460	<2	<1	1.3	1200	0.03	<5	0.24	0.5	0.65	<0.1	17	23.0
48654 (2686917)	8.04	2830	<2	1	3.2	2060	0.02	14	0.63	32.5	0.47	<0.1	42	16.6
48655 (2686918)	1.86	545	<2	1	5.1	21413	0.01	40	1.34	3.9	19.5	0.4	6	7.72
48656 (2686919)	10.0	1870	<2	3	21.7	601	0.20	7	5.25	48.5	0.06	<0.1	30	23.0
48657 (2686920)	15.6	1090	<2	<1	1.6	1380	<0.01	<5	0.24	3.3	0.12	<0.1	18	25.4
48658 (2686921)	15.7	993	<2	<1	1.1	1400	<0.01	<5	0.18	0.6	0.13	<0.1	16	25.5
48659 (2686922)	14.9	877	<2	<1	1.4	1400	0.02	<5	0.20	0.5	0.25	<0.1	19	24.5
48660 (2686923)	13.9	1460	<2	<1	4.6	1130	0.03	<5	1.07	0.6	0.16	<0.1	24	20.1
48661 (2686924)	13.2	1760	<2	<1	2.5	1180	0.02	<5	0.53	0.7	0.14	<0.1	23	20.6
48662 C-DUP (2686925)	13.4	1770	<2	<1	2.4	1180	0.02	<5	0.60	0.6	0.14	<0.1	23	20.6
48663 (2686926)	11.5	1750	<2	<1	1.4	1220	<0.01	5	0.22	1.9	0.17	<0.1	17	20.9
48664 (2686927)	9.10	2900	<2	<1	2.8	1070	0.02	8	0.49	15.7	0.10	<0.1	39	17.8
48665 (2686928)	9.09	2810	<2	<1	2.9	1220	0.02	7	0.51	17.3	0.10	<0.1	41	17.7
48666 (2686929)	14.3	1690	<2	<1	1.7	832	0.02	<5	0.31	0.6	0.07	<0.1	25	21.6
48667 (2686930)	16.0	1060	<2	<1	1.1	1400	<0.01	<5	0.17	1.5	0.17	0.1	21	24.9
48668 (2686931)	15.2	1270	<2	<1	1.2	1540	<0.01	<5	0.18	0.8	0.15	0.2	20	23.7
48669 (2686932)	14.8	1180	<2	<1	1.3	1470	0.01	<5	0.19	0.6	0.18	0.1	22	22.8
48670 (2686933)	15.2	1160	<2	<1	1.9	1160	0.02	<5	0.32	0.7	0.19	0.2	27	21.0
48671 (2686934)	14.9	1270	<2	<1	1.9	749	<0.01	7	0.34	0.5	0.07	<0.1	29	20.6
48672 (2686935)	4.26	699	<2	6	29.2	23	0.08	10	7.37	53.3	0.12	<0.1	9	23.8
48673 (2686936)	14.8	1320	<2	<1	2.0	1010	0.03	<5	0.34	0.4	0.20	<0.1	27	22.2
48674 (2686937)	15.8	1320	<2	<1	1.4	1330	0.01	<5	0.28	0.8	0.39	<0.1	24	23.1
48675 (2686938)	15.5	1520	<2	1	1.8	1390	<0.01	<5	0.33	13.0	0.42	0.1	21	24.9
48676 (2686939)	15.8	1110	<2	<1	7.9	1310	0.04	<5	1.88	0.7	0.45	0.1	20	22.9
48677 (2686940)	14.8	1340	<2	<1	2.0	1340	0.02	<5	0.38	0.6	0.33	<0.1	20	22.9
48678 (2686941)	15.3	1380	<2	<1	1.5	1320	<0.01	<5	0.28	0.5	0.31	<0.1	22	22.7
48679 (2686942)	15.3	1380	<2	<1	1.7	1260	<0.01	<5	0.29	0.6	0.22	<0.1	23	21.9
48680 (2686943)	14.7	1260	<2	<1	1.5	1190	0.01	<5	0.27	0.5	0.22	<0.1	23	21.8
48681 (2686944)	14.8	1590	<2	<1	1.7	1050	<0.01	<5	0.33	0.5	0.17	<0.1	18	22.3
48682 (2686945)	15.9	1530	<2	<1	1.2	1420	<0.01	<5	0.21	0.5	0.16	<0.1	19	24.0

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769292

PROJECT: 2021 Surimeau DDH Batch 60

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Oct 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
48683 (2686946)	15.8	1520	<2	<1	1.5	1390	0.01	<5	0.28	0.5	0.15	<0.1	22	23.6
48684 (2686947)	15.2	1580	<2	<1	2.5	1360	0.06	<5	0.49	0.6	0.15	0.1	20	23.5
48685 (2686948)	16.4	1360	<2	<1	4.4	1470	0.03	<5	1.01	0.6	0.13	0.1	21	24.1
48686 (2686949)	16.3	1410	<2	<1	2.0	1400	0.02	<5	0.36	0.8	0.15	<0.1	24	22.8
48687 (2686950)	16.0	1230	<2	<1	1.3	1290	0.02	<5	0.26	0.9	0.12	<0.1	25	22.4
48688 (2686951)	14.0	1500	<2	<1	1.6	1230	0.03	<5	0.30	7.8	1.54	<0.1	21	23.7
48689 (2686952)	14.8	1580	<2	<1	1.5	1330	<0.01	<5	0.29	4.0	1.77	<0.1	23	24.7
48690 (2686953)	14.3	1540	<2	<1	1.5	1260	0.01	<5	0.28	2.1	1.83	<0.1	24	22.7
48691 (2686954)	14.6	1570	<2	<1	1.6	1260	0.01	<5	0.27	7.2	1.76	<0.1	24	23.5
48692 (2686955)	14.3	1580	<2	<1	1.8	1200	0.02	<5	0.28	7.3	1.65	<0.1	23	23.5
48693 (2686956)	14.1	1610	<2	<1	1.7	1120	0.02	<5	0.30	11.7	1.53	<0.1	22	23.9
48694 (2686957)	14.5	1590	<2	<1	1.5	1230	<0.01	<5	0.28	2.0	1.62	<0.1	22	24.1
48695 C-DUP (2686958)	14.2	1570	<2	<1	1.6	1230	<0.01	<5	0.26	2.0	1.61	<0.1	21	24.0
48696 (2686959)	14.2	1540	<2	<1	1.5	1120	0.01	<5	0.29	2.5	1.52	<0.1	22	23.5
48697 (2686960)	14.4	1570	<2	<1	1.7	1270	0.02	<5	0.27	0.4	1.69	<0.1	24	23.6
48698 (2686961)	14.5	1510	<2	<1	1.6	1160	0.01	<5	0.27	0.6	1.59	<0.1	24	23.4
48699 (2686962)	13.9	1530	<2	<1	1.4	1260	<0.01	<5	0.23	33.7	1.34	<0.1	24	23.3
48700 (2686963)	14.3	1330	<2	<1	1.5	1430	<0.01	<5	0.26	4.4	1.38	<0.1	23	22.9

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769292

PROJECT: 2021 Surimeau DDH Batch 60

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Oct 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
48651 (2686914)	0.5	<1	15.8	<0.5	0.15	<0.1	0.17	<0.5	0.10	<0.05	111	1	5.1	0.6
48652 (2686915)	1.7	1	234	<0.5	0.29	1.8	0.12	<0.5	0.12	0.65	25	<1	8.7	0.8
48653 (2686916)	0.6	<1	82.2	<0.5	0.16	<0.1	0.13	<0.5	0.10	<0.05	97	<1	5.9	0.7
48654 (2686917)	1.2	2	164	<0.5	0.35	<0.1	0.37	<0.5	0.23	0.38	246	<1	13.8	1.5
48655 (2686918)	1.1	3	30.8	<0.5	0.16	0.9	0.10	<0.5	0.07	0.22	57	4	4.8	0.5
48656 (2686919)	4.3	5	76.0	<0.5	0.58	2.3	0.44	0.6	0.26	0.74	219	<1	16.3	1.6
48657 (2686920)	0.5	1	20.1	<0.5	0.14	<0.1	0.15	<0.5	0.10	0.06	84	<1	5.5	0.6
48658 (2686921)	0.4	<1	24.9	<0.5	0.15	<0.1	0.14	<0.5	0.09	<0.05	81	<1	5.2	0.6
48659 (2686922)	0.6	<1	22.2	<0.5	0.17	<0.1	0.15	<0.5	0.10	<0.05	106	<1	6.0	0.6
48660 (2686923)	1.2	<1	91.6	<0.5	0.25	0.4	0.23	<0.5	0.13	0.05	138	<1	8.8	1.0
48661 (2686924)	0.8	1	96.4	<0.5	0.20	<0.1	0.19	<0.5	0.13	<0.05	132	<1	8.1	0.9
48662 C-DUP (2686925)	0.8	<1	98.5	<0.5	0.22	<0.1	0.19	<0.5	0.13	<0.05	137	<1	8.0	0.9
48663 (2686926)	0.6	1	178	<0.5	0.13	<0.1	0.13	<0.5	0.09	<0.05	94	<1	5.7	0.6
48664 (2686927)	1.2	2	201	<0.5	0.33	<0.1	0.33	<0.5	0.22	<0.05	231	<1	13.3	1.5
48665 (2686928)	1.1	1	178	<0.5	0.35	<0.1	0.34	<0.5	0.24	<0.05	235	<1	13.2	1.5
48666 (2686929)	0.7	<1	95.4	<0.5	0.20	<0.1	0.21	<0.5	0.13	<0.05	153	<1	7.9	0.9
48667 (2686930)	0.5	<1	22.2	<0.5	0.15	<0.1	0.18	<0.5	0.10	<0.05	115	1	5.8	0.7
48668 (2686931)	0.5	<1	34.8	<0.5	0.14	<0.1	0.17	<0.5	0.09	<0.05	101	1	5.7	0.6
48669 (2686932)	0.5	<1	31.4	<0.5	0.16	<0.1	0.18	<0.5	0.11	<0.05	136	1	6.2	0.7
48670 (2686933)	0.7	1	48.5	<0.5	0.23	<0.1	0.26	<0.5	0.13	<0.05	205	1	7.9	0.9
48671 (2686934)	0.7	1	45.2	<0.5	0.23	<0.1	0.27	<0.5	0.15	<0.05	170	1	8.6	1.0
48672 (2686935)	5.4	1	304	<0.5	0.64	3.4	0.29	<0.5	0.22	0.77	57	<1	16.2	1.6
48673 (2686936)	0.7	1	63.8	<0.5	0.25	<0.1	0.22	<0.5	0.16	<0.05	164	1	9.4	1.1
48674 (2686937)	0.5	1	44.8	<0.5	0.17	<0.1	0.20	<0.5	0.10	<0.05	143	1	6.2	0.7
48675 (2686938)	0.6	2	50.2	<0.5	0.18	<0.1	0.16	<0.5	0.11	0.06	97	<1	6.3	0.7
48676 (2686939)	1.5	1	39.9	<0.5	0.25	1.0	0.25	<0.5	0.14	0.14	145	1	7.1	0.8
48677 (2686940)	0.8	<1	71.6	<0.5	0.19	<0.1	0.14	<0.5	0.11	0.07	115	1	7.1	0.8
48678 (2686941)	0.6	<1	78.9	<0.5	0.18	<0.1	0.17	<0.5	0.12	<0.05	129	1	6.7	0.8
48679 (2686942)	0.7	<1	73.5	<0.5	0.21	<0.1	0.18	<0.5	0.14	<0.05	139	1	7.8	0.9
48680 (2686943)	0.7	<1	63.9	<0.5	0.18	<0.1	0.19	<0.5	0.12	0.05	132	<1	6.9	0.8
48681 (2686944)	0.7	<1	86.0	<0.5	0.20	<0.1	0.14	<0.5	0.12	<0.05	113	<1	7.7	0.8
48682 (2686945)	0.6	<1	51.7	<0.5	0.16	<0.1	0.16	<0.5	0.10	<0.05	98	<1	6.0	0.7

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769292

PROJECT: 2021 Surimeau DDH Batch 60

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Oct 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
48683 (2686946)	0.6	<1	73.1	<0.5	0.17	<0.1	0.18	<0.5	0.10	<0.05	109	<1	6.4	0.7
48684 (2686947)	0.9	<1	83.7	<0.5	0.21	<0.1	0.16	<0.5	0.14	0.06	105	1	8.4	0.9
48685 (2686948)	1.2	<1	41.0	<0.5	0.21	0.5	0.20	<0.5	0.11	0.11	117	<1	6.6	0.7
48686 (2686949)	0.7	<1	82.6	<0.5	0.20	<0.1	0.18	<0.5	0.12	<0.05	142	<1	7.3	0.9
48687 (2686950)	0.6	<1	44.2	<0.5	0.18	<0.1	0.21	<0.5	0.12	0.05	150	<1	7.0	0.8
48688 (2686951)	0.5	2	22.5	<0.5	0.17	<0.1	0.18	<0.5	0.12	0.07	119	<1	6.8	0.8
48689 (2686952)	0.6	2	23.7	<0.5	0.19	<0.1	0.18	<0.5	0.12	<0.05	129	2	6.7	0.8
48690 (2686953)	0.7	1	20.6	<0.5	0.19	<0.1	0.19	<0.5	0.13	<0.05	133	<1	7.5	0.8
48691 (2686954)	0.7	1	20.9	<0.5	0.20	<0.1	0.19	<0.5	0.13	<0.05	139	<1	7.5	0.9
48692 (2686955)	0.7	1	20.6	<0.5	0.21	<0.1	0.19	<0.5	0.13	<0.05	130	<1	7.7	0.9
48693 (2686956)	0.6	2	23.8	<0.5	0.20	<0.1	0.17	<0.5	0.13	<0.05	127	<1	7.4	0.8
48694 (2686957)	0.6	2	22.0	<0.5	0.18	<0.1	0.18	<0.5	0.12	<0.05	135	<1	6.8	0.8
48695 C-DUP (2686958)	0.6	1	21.3	<0.5	0.17	<0.1	0.18	<0.5	0.12	<0.05	131	<1	6.5	0.8
48696 (2686959)	0.6	2	21.7	<0.5	0.19	<0.1	0.19	<0.5	0.14	<0.05	132	<1	7.3	0.8
48697 (2686960)	0.7	1	20.7	<0.5	0.19	<0.1	0.20	<0.5	0.13	<0.05	139	<1	7.6	0.8
48698 (2686961)	0.7	1	21.6	<0.5	0.20	<0.1	0.19	<0.5	0.14	<0.05	133	<1	8.1	0.9
48699 (2686962)	0.6	2	23.6	<0.5	0.17	<0.1	0.20	0.9	0.12	0.06	136	<1	6.8	0.7
48700 (2686963)	0.6	<1	32.3	<0.5	0.17	<0.1	0.18	<0.5	0.11	<0.05	132	<1	6.6	0.8

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769292

PROJECT: 2021 Surimeau DDH Batch 60

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Oct 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
48651 (2686914)	40	15.5
48652 (2686915)	28	75.3
48653 (2686916)	46	11.1
48654 (2686917)	112	33.7
48655 (2686918)	89	31.4
48656 (2686919)	132	78.4
48657 (2686920)	67	13.9
48658 (2686921)	41	11.4
48659 (2686922)	42	12.8
48660 (2686923)	56	28.6
48661 (2686924)	50	16.2
48662 C-DUP (2686925)	52	16.2
48663 (2686926)	52	11.0
48664 (2686927)	103	27.6
48665 (2686928)	106	29.6
48666 (2686929)	57	17.4
48667 (2686930)	47	14.7
48668 (2686931)	58	12.8
48669 (2686932)	64	17.0
48670 (2686933)	79	19.4
48671 (2686934)	85	21.3
48672 (2686935)	42	122
48673 (2686936)	71	19.7
48674 (2686937)	85	14.9
48675 (2686938)	81	11.7
48676 (2686939)	64	39.4
48677 (2686940)	60	10.9
48678 (2686941)	72	14.2
48679 (2686942)	77	13.1
48680 (2686943)	78	15.6
48681 (2686944)	51	12.0
48682 (2686945)	79	11.7

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769292

PROJECT: 2021 Surimeau DDH Batch 60

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Oct 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
48683 (2686946)	69	13.3
48684 (2686947)	71	16.6
48685 (2686948)	75	22.3
48686 (2686949)	62	15.1
48687 (2686950)	77	16.8
48688 (2686951)	88	13.9
48689 (2686952)	73	14.2
48690 (2686953)	66	15.7
48691 (2686954)	71	14.9
48692 (2686955)	75	14.8
48693 (2686956)	77	13.6
48694 (2686957)	68	13.9
48695 C-DUP (2686958)	68	14.2
48696 (2686959)	71	14.2
48697 (2686960)	80	15.3
48698 (2686961)	74	15.3
48699 (2686962)	95	15.4
48700 (2686963)	69	14.6

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769292

PROJECT: 2021 Surimeau DDH Batch 60

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Oct 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
48651 (2686914)	81.21
48670 (2686933)	77.05
48690 (2686953)	86.61

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769292

PROJECT: 2021 Surimeau DDH Batch 60

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Oct 22, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pul-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
48651 (2686914)	90.21
48670 (2686933)	88.81
48690 (2686953)	94.92

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 150 Jaguar Drive, Timmins, ON and 35 General Aviation Road, Timmins, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2686914	< 1	< 1	0.0%	2686928	< 1	< 1	0.0%	2686939	< 1	< 1	0.0%	2686954	< 1	< 1	0.0%
Al	2686914	3.47	3.55	2.3%	2686928	6.09	6.23	2.3%	2686939	3.97	3.93	1.0%	2686954	3.44	3.41	0.9%
As	2686914	< 5	< 5	0.0%	2686928	< 5	< 5	0.0%	2686939	< 5	< 5	0.0%	2686954	< 5	< 5	0.0%
B	2686914	< 20	< 20	0.0%	2686928	< 20	< 20	0.0%	2686939	< 20	< 20	0.0%	2686954	< 20	< 20	0.0%
Ba	2686914	< 0.5	< 0.5	0.0%	2686928	271	280	3.3%	2686939	0.7	1.4	66.7%	2686954	15.7	15.7	0.0%
Be	2686914	< 5	< 5	0.0%	2686928	< 5	< 5	0.0%	2686939	< 5	< 5	0.0%	2686954	< 5	< 5	0.0%
Bi	2686914	0.8	0.6	28.6%	2686928	0.4	0.4	0.0%	2686939	0.5	0.5	0.0%	2686954	1.2	1.2	0.0%
Ca	2686914	5.12	5.14	0.4%	2686928	11.8	12.1	2.5%	2686939	4.29	4.17	2.8%	2686954	5.46	5.40	1.1%
Cd	2686914	< 0.2	< 0.2	0.0%	2686928	< 0.2	< 0.2	0.0%	2686939	< 0.2	< 0.2	0.0%	2686954	< 0.2	< 0.2	0.0%
Ce	2686914	0.9	0.9	0.0%	2686928	3.1	3.04	2.0%	2686939	14.9	19.7	27.7%	2686954	1.5	1.44	4.1%
Co	2686914	107	104	2.8%	2686928	118	118	0.0%	2686939	86.2	86.6	0.5%	2686954	87.6	86.8	0.9%
Cr	2686914	0.247	0.258	4.4%	2686928	0.385	0.398	3.3%	2686939	0.203	0.200	1.5%	2686954	0.237	0.235	0.8%
Cs	2686914	0.4	0.4	0.0%	2686928	6.9	6.9	0.0%	2686939	0.7	0.64	9.0%	2686954	1.6	1.6	0.0%
Cu	2686914	112	114	1.8%	2686928	30	32	6.5%	2686939	73	72	1.4%	2686954	58	61	5.0%
Dy	2686914	0.95	0.912	4.1%	2686928	2.30	2.41	4.7%	2686939	1.28	1.37	6.8%	2686954	1.28	1.23	4.0%
Er	2686914	0.60	0.629	4.7%	2686928	1.50	1.48	1.3%	2686939	0.89	0.813	9.0%	2686954	0.85	0.82	3.6%
Eu	2686914	0.10	0.10	0.0%	2686928	0.91	0.84	8.0%	2686939	0.21	0.23	9.1%	2686954	0.21	0.202	3.9%
Fe	2686914	7.18	7.29	1.5%	2686928	10.5	10.8	2.8%	2686939	7.22	7.04	2.5%	2686954	7.48	7.40	1.1%
Ga	2686914	7.93	8.23	3.7%	2686928	10.9	11.0	0.9%	2686939	9.99	9.77	2.2%	2686954	7.77	7.67	1.3%
Gd	2686914	0.76	0.790	3.9%	2686928	1.95	1.76	10.2%	2686939	1.56	1.64	5.0%	2686954	1.04	1.07	2.8%
Ge	2686914	2	2	0.0%	2686928	1	1	0.0%	2686939	2	2	0.0%	2686954	4	4	0.0%
Hf	2686914	< 1	< 1	0.0%	2686928	1	< 1		2686939	1	1	0.0%	2686954	< 1	< 1	0.0%
Ho	2686914	0.20	0.20	0.0%	2686928	0.55	0.53	3.7%	2686939	0.28	0.255	9.3%	2686954	0.31	0.277	11.2%
In	2686914	< 0.2	< 0.2	0.0%	2686928	< 0.2	< 0.2	0.0%	2686939	< 0.2	< 0.2	0.0%	2686954	< 0.2	< 0.2	0.0%
K	2686914	< 0.05	< 0.05	0.0%	2686928	0.46	0.46	0.0%	2686939	< 0.05	< 0.05	0.0%	2686954	0.20	0.174	13.9%
La	2686914	0.2	0.2	0.0%	2686928	1.2	1.2	0.0%	2686939	7.1	9.9	32.9%	2686954	0.4	0.4	0.0%
Li	2686914	< 10	< 10	0.0%	2686928	38	40	5.1%	2686939	< 10	< 10	0.0%	2686954	14	12	15.4%
Lu	2686914	0.10	0.081	21.0%	2686928	0.22	0.22	0.0%	2686939	0.13	0.101	25.1%	2686954	0.12	0.12	0.0%
Mg	2686914	15.8	16.0	1.3%	2686928	9.09	9.25	1.7%	2686939	15.8	15.6	1.3%	2686954	14.6	14.5	0.7%
Mn	2686914	955	984	3.0%	2686928	2810	2870	2.1%	2686939	1110	1080	2.7%	2686954	1570	1570	0.0%
Mo	2686914	< 2	< 2	0.0%	2686928	< 2	< 2	0.0%	2686939	< 2	< 2	0.0%	2686954	< 2	< 2	0.0%

AGAT Laboratories

Quality Assurance - Replicate

AGAT WORK ORDER: 21O769292

PROJECT: 2021 Surimeau DDH Batch 60

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Nb	2686914	< 1	< 1	0.0%	2686928	< 1	< 1	0.0%	2686939	< 1	< 1	0.0%	2686954	< 1	< 1	0.0%
Nd	2686914	1.0	0.95	5.1%	2686928	2.9	2.9	0.0%	2686939	7.9	9.6	19.4%	2686954	1.6	1.5	6.5%
Ni	2686914	1690	1730	2.3%	2686928	1220	1250	2.4%	2686939	1310	1320	0.8%	2686954	1260	1260	0.0%
P	2686914	0.01	< 0.01		2686928	0.02	0.02	0.0%	2686939	0.04	0.04	0.0%	2686954	0.01	0.02	66.7%
Pb	2686914	< 5	< 5	0.0%	2686928	7	7	0.0%	2686939	< 5	< 5	0.0%	2686954	< 5	< 5	0.0%
Pr	2686914	0.15	0.16	6.5%	2686928	0.51	0.51	0.0%	2686939	1.88	2.31	20.5%	2686954	0.27	0.265	1.9%
Rb	2686914	0.6	0.52	14.3%	2686928	17.3	18.2	5.1%	2686939	0.7	0.7	0.0%	2686954	7.2	7.15	0.7%
S	2686914	0.69	0.70	1.4%	2686928	0.10	0.10	0.0%	2686939	0.45	0.45	0.0%	2686954	1.76	1.74	1.1%
Sb	2686914	< 0.1	< 0.1	0.0%	2686928	< 0.1	< 0.1	0.0%	2686939	0.1	0.1	0.0%	2686954	< 0.1	< 0.1	0.0%
Sc	2686914	21	21	0.0%	2686928	41	42	2.4%	2686939	20	21	4.9%	2686954	24	24	0.0%
Si	2686914	24.3	24.6	1.2%	2686928	17.7	18.2	2.8%	2686939	22.9	22.2	3.1%	2686954	23.5	23.4	0.4%
Sm	2686914	0.5	0.4	22.2%	2686928	1.1	1.1	0.0%	2686939	1.5	1.62	7.7%	2686954	0.7	0.61	13.7%
Sn	2686914	< 1	< 1	0.0%	2686928	1	1	0.0%	2686939	1	1	0.0%	2686954	1	1	0.0%
Sr	2686914	15.8	16.9	6.7%	2686928	178	181	1.7%	2686939	39.9	39.6	0.8%	2686954	20.9	19.6	6.4%
Ta	2686914	< 0.5	< 0.5	0.0%	2686928	< 0.5	< 0.5	0.0%	2686939	< 0.5	< 0.5	0.0%	2686954	< 0.5	< 0.5	0.0%
Tb	2686914	0.15	0.14	6.9%	2686928	0.35	0.35	0.0%	2686939	0.25	0.25	0.0%	2686954	0.20	0.205	2.5%
Th	2686914	< 0.1	< 0.1	0.0%	2686928	< 0.1	< 0.1	0.0%	2686939	1.0	1.3	26.1%	2686954	< 0.1	< 0.1	0.0%
Ti	2686914	0.17	0.175	2.9%	2686928	0.34	0.353	3.8%	2686939	0.25	0.25	0.0%	2686954	0.19	0.19	0.0%
Tl	2686914	< 0.5	< 0.5	0.0%	2686928	< 0.5	< 0.5	0.0%	2686939	< 0.5	< 0.5	0.0%	2686954	< 0.5	< 0.5	0.0%
Tm	2686914	0.10	0.079	23.5%	2686928	0.24	0.229	4.7%	2686939	0.14	0.115	19.6%	2686954	0.13	0.12	8.0%
U	2686914	< 0.05	< 0.05	0.0%	2686928	< 0.05	< 0.05	0.0%	2686939	0.14	0.114	20.5%	2686954	< 0.05	< 0.05	0.0%
V	2686914	111	114	2.7%	2686928	235	240	2.1%	2686939	145	147	1.4%	2686954	139	137	1.4%
W	2686914	1	1	0.0%	2686928	< 1	< 1	0.0%	2686939	1	1	0.0%	2686954	< 1	< 1	0.0%
Y	2686914	5.1	5.1	0.0%	2686928	13.2	13.2	0.0%	2686939	7.1	7.01	1.3%	2686954	7.5	7.40	1.3%
Yb	2686914	0.6	0.6	0.0%	2686928	1.5	1.6	6.5%	2686939	0.8	0.75	6.5%	2686954	0.9	0.82	9.3%
Zn	2686914	40	54	29.8%	2686928	106	94	12.0%	2686939	64	72	11.8%	2686954	71	69	2.9%
Zr	2686914	15.5	14.8	4.6%	2686928	29.6	29.8	0.7%	2686939	39.4	41.8	5.9%	2686954	14.9	14.5	2.7%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O769292

PROJECT: 2021 Surimeau DDH Batch 60

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.52	101%	90% - 110%					6.94	6.94	100%	90% - 110%	13.0	13	100%	90% - 110%
As	26	26	99%	90% - 110%												
Ba	540	513	95%	90% - 110%									1310	1328	101%	90% - 110%
Be	4.0	3.1	77%	90% - 110%												
Ca	0.907	0.949	105%	90% - 110%					4.01	3.91	98%	90% - 110%	1.42	1.44	101%	90% - 110%
Ce	98	105	107%	90% - 110%	58.2	63.7	110%	90% - 110%								
Co	15	14	95%	90% - 110%												
Cu	150	155	103%	90% - 110%									6.4	5.5	86%	90% - 110%
Er	3.7	4	109%	90% - 110%												
Fe	3.77	4.06	108%	90% - 110%					7.56	7.59	100%	90% - 110%	3.27	3.21	98%	90% - 110%
Ga					22.6	24	106%	90% - 110%								
Hf	11	10	91%	90% - 110%												
K	2.55	2.74	107%	90% - 110%					2.02	2.04	101%	90% - 110%	3.68	3.81	103%	90% - 110%
La	44	46	105%	90% - 110%	27.5	30	109%	90% - 110%								
Li	47	47	100%	90% - 110%									65.0	73.1	112%	90% - 110%
Lu	0.6	0.6	92%	90% - 110%												
Mg	1.1	1.1	103%	90% - 110%					2.41	2.42	100%	90% - 110%				
Mn	780	755	97%	90% - 110%												
Mo	14	13	95%	90% - 110%												
Nb	20	19	96%	90% - 110%	22.6	22.2	98%	90% - 110%								
Nd					27.3	28.2	103%	90% - 110%								
Ni	32	41	127%	90% - 110%												
P													0.061	0.061	100%	90% - 110%
Pb	31	32	103%	90% - 110%												
Rb	144	147	102%	90% - 110%	85.4	88.6	104%	90% - 110%								
Sb	0.8	0.8	105%	90% - 110%												
Sc	12	11	94%	90% - 110%												
Si	28.4	32.7	115%	90% - 110%					23.65	25.5	108%	90% - 110%	24.4	26.6	109%	90% - 110%
Sm	7.4	7.9	106%	90% - 110%												
Sr	144	147	102%	90% - 110%									310	320	103%	90% - 110%
Ta	1.9	2	105%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Tb	1.2	1.2	99%	90% - 110%												
Th	18.4	18	98%	90% - 110%												
Ti	0.527	0.506	96%	90% - 110%									0.222	0.227	102%	90% - 110%
U	5.7	5.1	90%	90% - 110%												
V	77	74	96%	90% - 110%												
W	5	5	105%	90% - 110%												
Y	40	36	91%	90% - 110%	25.3	25.1	99%	90% - 110%								
Yb					2.66	2.95	111%	90% - 110%								
Zn	130	121	93%	90% - 110%												
Zr	390	375	96%	90% - 110%	157	154	98%	90% - 110%								

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O769292

PROJECT: 2021 Surimeau DDH Batch 60

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O769292

PROJECT: 2021 Surimeau DDH Batch 60

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O769292

PROJECT: 2021 Surimeau DDH Batch 60

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE
Pul-Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 61

AGAT WORK ORDER: 21O769294

SOLID ANALYSIS REVIEWED BY: Jeffrey Xiong, Lab Team Lead

DATE REPORTED: Sep 23, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

Disclaimer:

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project Manager if you require additional sample storage time.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
- The test results reported herewith relate only to the samples as received by the laboratory.
- Measurement Uncertainty is not taken into consideration when stating conformity with a specified requirement.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769294

PROJECT: 2021 Surimeau DDH Batch 61

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
48701 (2686988)	3.51
48702 (2686989)	1.03
48703 (2686990)	3.32
48704 (2686991)	3.61
48705 (2686992)	3.61
48706 (2686993)	3.45
48707 (2686994)	3.41
48708 (2686995)	3.40
48709 (2686996)	3.44
48710 (2686997)	3.28
48711 (2686998)	3.78
48712 C-DUP (2686999)	-
48713 (2687000)	3.87
48714 (2687001)	2.18
48715 (2687002)	1.50
48716 (2687003)	1.72
48717 (2687004)	2.68
48718 (2687005)	3.66
48719 (2687006)	3.93
48720 (2687007)	3.55
48721 (2687008)	3.74
48722 (2687009)	1.06
48723 (2687010)	3.77
48724 (2687011)	3.80
48725 (2687012)	4.33
48726 (2687013)	2.65
48727 (2687014)	4.29
48728 (2687015)	3.09
48729 (2687016)	2.71
48730 (2687017)	3.90
48731 (2687018)	3.41

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769294

PROJECT: 2021 Surimeau DDH Batch 61

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
48732 (2687019)	3.33
48733 (2687020)	3.56
48734 (2687021)	3.37
48735 (2687022)	3.82
48736 (2687023)	3.83
48737 (2687024)	2.37
48738 (2687025)	2.43
48739 (2687026)	3.17
48740 (2687027)	4.15
48741 (2687028)	1.63
48742 (2687029)	1.70
48743 (2687030)	3.34
48744 (2687031)	3.91
48745 C-DUP (2687032)	-
48746 (2687033)	4.37
48747 (2687034)	2.68
48748 (2687035)	3.99
48749 (2687036)	4.23
48750 (2687037)	3.37

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769294

PROJECT: 2021 Surimeau DDH Batch 61

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
48701 (2686988)	<1	3.21	<5	<20	<0.5	<5	0.4	6.15	<0.2	1.2	91.3	0.220	<0.1	43
48702 (2686989)	<1	3.67	<5	<20	316	<5	<0.1	11.4	<0.2	35.9	9.0	0.023	0.8	5
48703 (2686990)	<1	3.16	<5	<20	<0.5	<5	0.6	5.71	<0.2	1.1	100	0.218	0.1	40
48704 (2686991)	<1	3.15	<5	<20	<0.5	<5	0.6	5.62	<0.2	1.4	94.9	0.216	0.2	33
48705 (2686992)	<1	3.35	<5	<20	<0.5	<5	0.6	4.72	<0.2	1.5	96.9	0.223	0.2	32
48706 (2686993)	<1	3.16	<5	<20	<0.5	<5	0.5	4.97	<0.2	1.3	92.9	0.212	0.2	32
48707 (2686994)	<1	2.99	<5	<20	<0.5	<5	0.5	5.37	<0.2	1.3	88.8	0.208	0.2	40
48708 (2686995)	<1	3.01	<5	<20	<0.5	<5	0.5	5.01	<0.2	1.1	88.4	0.206	0.3	24
48709 (2686996)	<1	2.92	<5	<20	87.2	<5	1.7	6.08	<0.2	1.8	83.9	0.193	6.2	28
48710 (2686997)	<1	2.99	<5	<20	0.9	<5	1.2	4.59	<0.2	1.0	89.0	0.202	0.7	25
48711 (2686998)	<1	2.87	<5	<20	2.0	<5	0.9	5.25	<0.2	0.9	92.8	0.204	0.5	28
48712 C-DUP (2686999)	<1	2.89	<5	<20	1.4	<5	1.3	5.24	<0.2	1.0	96.2	0.204	0.5	26
48713 (2687000)	<1	3.02	<5	<20	<0.5	<5	0.6	5.57	<0.2	0.9	91.2	0.201	0.3	53
48714 (2687001)	3	2.82	<5	<20	1.3	<5	0.5	6.52	<0.2	1.2	84.6	0.193	0.5	37
48715 (2687002)	<1	2.72	<5	<20	1.1	<5	0.6	6.41	<0.2	1.2	86.9	0.196	0.4	42
48716 (2687003)	<1	3.09	<5	<20	1.7	<5	0.8	5.40	<0.2	0.8	94.3	0.207	1.0	27
48717 (2687004)	<1	2.68	<5	<20	71.8	<5	0.5	6.48	<0.2	1.1	86.2	0.171	4.6	74
48718 (2687005)	<1	2.48	<5	<20	206	<5	0.4	6.65	<0.2	1.3	85.6	0.175	14.4	15
48719 (2687006)	<1	2.52	<5	<20	220	<5	0.4	7.08	<0.2	1.3	78.3	0.179	14.0	12
48720 (2687007)	<1	2.94	<5	<20	5.2	<5	0.4	6.70	<0.2	1.0	84.1	0.194	0.7	30
48721 (2687008)	<1	3.03	<5	<20	<0.5	<5	0.4	6.38	<0.2	0.9	90.8	0.199	0.3	36
48722 (2687009)	<1	2.71	<5	<20	271	<5	<0.1	7.84	<0.2	36.8	4.5	0.019	0.6	<5
48723 (2687010)	<1	2.82	<5	<20	<0.5	<5	0.3	6.65	<0.2	1.1	86.7	0.191	0.2	38
48724 (2687011)	<1	2.99	<5	<20	<0.5	<5	0.3	6.40	<0.2	1.2	90.0	0.200	0.2	35
48725 (2687012)	1	3.08	<5	<20	0.7	<5	0.4	7.68	<0.2	1.7	93.5	0.222	0.2	29
48726 (2687013)	<1	3.50	<5	<20	<0.5	<5	0.6	8.42	<0.2	1.5	108	0.252	0.2	28
48727 (2687014)	<1	5.18	<5	<20	83.1	<5	1.5	7.71	<0.2	4.1	159	0.377	5.0	15
48728 (2687015)	<1	6.21	<5	<20	144	<5	0.8	6.94	0.2	2.7	172	0.426	3.5	37
48729 (2687016)	<1	6.70	<5	<20	128	6	1.7	6.85	<0.2	4.5	184	0.404	0.2	220
48730 (2687017)	<1	5.73	<5	<20	75.5	<5	1.2	9.63	<0.2	2.9	147	0.351	0.3	126
48731 (2687018)	<1	2.99	<5	<20	57.6	<5	0.3	12.3	<0.2	1.5	77.6	0.183	3.3	47
48732 (2687019)	1	2.41	<5	<20	97.8	<5	0.3	12.7	<0.2	2.0	67.3	0.161	4.6	6

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769294

PROJECT: 2021 Surimeau DDH Batch 61

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
48733 (2687020)	<1	3.70	<5	<20	5.1	<5	0.4	6.75	<0.2	1.2	90.7	0.223	0.7	16
48734 (2687021)	3	3.36	<5	<20	6.4	<5	0.5	7.00	<0.2	1.4	90.1	0.220	0.6	20
48735 (2687022)	1	3.77	<5	<20	4.9	<5	0.5	6.69	<0.2	1.0	87.9	0.242	0.4	48
48736 (2687023)	<1	3.69	<5	<20	57.0	<5	0.8	9.43	<0.2	2.1	87.1	0.205	2.7	49
48737 (2687024)	<1	3.36	<5	<20	260	<5	0.7	7.73	<0.2	3.7	81.9	0.180	13.3	22
48738 (2687025)	1	2.22	<5	<20	6.3	<5	0.4	17.6	<0.2	5.5	58.8	0.148	0.3	12
48739 (2687026)	<1	2.07	<5	<20	10.4	<5	0.4	18.2	<0.2	3.7	56.1	0.134	0.5	19
48740 (2687027)	<1	3.27	<5	<20	124	<5	0.8	8.15	<0.2	1.4	85.6	0.204	7.0	42
48741 (2687028)	<1	3.57	<5	<20	87.3	<5	0.7	11.4	0.3	2.7	84.1	0.225	4.9	<5
48742 (2687029)	2	3.72	<5	<20	114	<5	0.8	12.7	<0.2	3.0	86.9	0.230	5.9	14
48743 (2687030)	<1	4.17	<5	<20	29.3	<5	0.6	14.2	<0.2	2.8	90.4	0.242	0.8	<5
48744 (2687031)	<1	4.70	<5	<20	92.2	<5	0.4	9.40	<0.2	1.9	99.2	0.255	4.5	<5
48745 C-DUP (2687032)	<1	4.68	<5	<20	94.4	<5	0.4	9.36	<0.2	2.0	95.2	0.254	5.1	<5
48746 (2687033)	<1	8.23	<5	<20	698	<5	0.8	3.60	<0.2	4.4	162	0.523	38.5	8
48747 (2687034)	<1	7.70	<5	<20	385	7	1.7	4.82	0.3	4.8	177	0.486	15.6	291
48748 (2687035)	1	7.31	<5	<20	131	11	1.4	6.53	0.2	6.3	139	0.369	<0.1	318
48749 (2687036)	<1	6.87	<5	<20	121	11	1.7	6.82	0.5	5.8	149	0.404	<0.1	285
48750 (2687037)	<1	6.51	<5	<20	149	7	1.6	6.91	0.3	3.0	129	0.423	2.4	155

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769294

PROJECT: 2021 Surimeau DDH Batch 61

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
48701 (2686988)	1.11	0.77	0.05	7.27	7.97	0.87	4	<1	0.26	<0.2	<0.05	0.5	<10	0.08
48702 (2686989)	3.56	2.24	0.98	2.57	9.07	3.71	1	4	0.74	<0.2	1.81	16.6	32	0.30
48703 (2686990)	1.03	0.74	<0.05	7.29	7.32	0.68	4	<1	0.22	<0.2	<0.05	0.4	<10	0.08
48704 (2686991)	1.22	0.72	0.06	7.27	7.79	0.78	5	<1	0.22	<0.2	<0.05	0.5	<10	0.09
48705 (2686992)	1.19	0.78	<0.05	7.47	9.25	0.97	4	<1	0.27	<0.2	<0.05	0.5	<10	0.12
48706 (2686993)	1.20	0.72	<0.05	7.21	7.66	0.93	5	<1	0.22	<0.2	<0.05	0.4	<10	0.10
48707 (2686994)	1.01	0.76	<0.05	6.99	7.07	0.98	3	<1	0.28	<0.2	<0.05	0.5	<10	0.11
48708 (2686995)	1.11	0.73	<0.05	6.87	7.58	0.81	4	<1	0.24	<0.2	<0.05	0.4	<10	0.10
48709 (2686996)	1.04	0.79	0.17	6.60	9.03	0.81	4	<1	0.22	<0.2	0.67	0.6	29	0.12
48710 (2686997)	0.94	0.75	<0.05	6.85	7.70	0.78	4	<1	0.24	<0.2	<0.05	0.3	<10	0.09
48711 (2686998)	0.97	0.67	<0.05	6.85	8.05	0.85	4	<1	0.23	<0.2	<0.05	0.3	<10	0.10
48712 C-DUP (2686999)	0.98	0.76	<0.05	6.84	7.32	0.78	4	<1	0.25	<0.2	<0.05	0.2	<10	0.11
48713 (2687000)	1.09	0.63	<0.05	6.78	8.30	0.72	3	<1	0.23	<0.2	<0.05	0.3	<10	0.09
48714 (2687001)	1.18	0.70	<0.05	6.58	6.79	0.82	3	<1	0.20	<0.2	<0.05	0.4	<10	0.11
48715 (2687002)	1.09	0.68	0.09	6.49	7.03	0.72	3	<1	0.23	<0.2	<0.05	0.4	<10	0.11
48716 (2687003)	0.94	0.65	<0.05	6.93	8.75	0.70	2	<1	0.25	<0.2	<0.05	0.2	29	0.08
48717 (2687004)	1.08	0.71	0.11	6.73	7.78	0.87	4	<1	0.23	<0.2	0.49	0.3	67	0.08
48718 (2687005)	1.09	0.68	0.05	6.37	9.02	0.80	3	<1	0.22	<0.2	1.58	0.3	57	0.08
48719 (2687006)	0.91	0.61	0.14	6.16	7.67	0.69	3	<1	0.21	<0.2	1.63	0.5	40	0.08
48720 (2687007)	1.00	0.70	<0.05	6.69	6.93	0.77	3	<1	0.24	<0.2	0.06	0.3	<10	0.09
48721 (2687008)	1.01	0.59	<0.05	6.75	8.27	0.79	3	<1	0.22	<0.2	<0.05	0.3	<10	0.10
48722 (2687009)	2.23	1.13	0.57	1.36	6.76	3.12	1	3	0.43	<0.2	1.81	15.7	19	0.17
48723 (2687010)	1.10	0.77	<0.05	6.76	7.04	0.89	2	<1	0.23	<0.2	<0.05	0.3	<10	0.10
48724 (2687011)	1.18	0.77	0.07	6.84	7.50	0.97	3	<1	0.23	<0.2	<0.05	0.3	<10	0.12
48725 (2687012)	1.20	0.76	0.11	6.97	6.89	0.98	2	<1	0.23	<0.2	<0.05	0.6	<10	0.12
48726 (2687013)	1.31	0.90	0.08	7.00	8.25	0.96	3	<1	0.27	<0.2	0.06	0.6	<10	0.11
48727 (2687014)	2.47	1.76	0.45	8.53	10.8	1.95	2	<1	0.56	<0.2	0.65	1.8	34	0.24
48728 (2687015)	2.39	1.61	0.47	10.1	14.6	1.96	2	1	0.55	<0.2	0.56	1.1	43	0.23
48729 (2687016)	2.56	1.57	0.36	8.87	14.4	1.87	2	<1	0.48	<0.2	0.27	1.9	19	0.24
48730 (2687017)	2.14	1.35	0.48	10.5	12.2	1.56	2	<1	0.49	<0.2	0.28	1.3	24	0.21
48731 (2687018)	1.24	0.70	0.13	6.89	6.23	0.87	2	<1	0.22	<0.2	0.34	0.6	21	0.12
48732 (2687019)	1.06	0.58	0.14	5.85	5.15	0.77	2	<1	0.25	<0.2	0.48	1.0	21	0.09

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769294

PROJECT: 2021 Surimeau DDH Batch 61

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
48733 (2687020)	1.13	0.73	0.11	7.46	8.27	1.03	2	<1	0.25	<0.2	0.07	0.4	<10	0.11
48734 (2687021)	1.30	0.85	0.10	7.41	7.88	1.08	2	<1	0.27	<0.2	0.07	0.4	<10	0.14
48735 (2687022)	1.32	0.79	0.11	7.67	7.55	0.89	2	<1	0.23	<0.2	0.07	0.4	<10	0.11
48736 (2687023)	1.29	0.74	0.24	7.57	9.91	0.91	2	<1	0.30	<0.2	0.34	0.8	22	0.11
48737 (2687024)	1.27	0.89	0.21	6.76	8.42	1.00	2	<1	0.28	<0.2	1.38	1.5	68	0.10
48738 (2687025)	1.10	0.61	0.31	4.71	5.27	0.80	2	<1	0.23	<0.2	0.06	3.3	<10	0.11
48739 (2687026)	0.79	0.66	0.29	4.96	4.88	0.82	2	<1	0.19	<0.2	0.09	2.1	<10	0.11
48740 (2687027)	1.22	0.73	0.15	7.10	10.4	0.96	3	<1	0.26	<0.2	0.86	0.4	46	0.10
48741 (2687028)	1.35	0.90	0.56	7.10	10.7	1.03	2	<1	0.30	<0.2	0.60	1.4	39	0.12
48742 (2687029)	1.38	0.87	0.50	6.94	11.1	1.20	2	<1	0.30	<0.2	0.73	1.5	45	0.16
48743 (2687030)	1.62	1.10	0.53	7.34	10.1	1.25	3	<1	0.34	<0.2	0.24	1.6	25	0.14
48744 (2687031)	1.51	1.00	0.49	8.46	10.3	1.21	2	<1	0.36	<0.2	0.68	0.8	47	0.11
48745 C-DUP (2687032)	1.48	0.98	0.62	8.47	10.8	1.07	2	<1	0.33	<0.2	0.69	0.8	49	0.14
48746 (2687033)	3.53	2.27	0.71	12.4	17.1	2.50	2	1	0.74	<0.2	4.06	1.8	312	0.30
48747 (2687034)	3.15	2.14	0.68	11.3	19.1	2.57	3	1	0.68	0.3	1.81	2.0	140	0.25
48748 (2687035)	2.59	1.68	0.55	10.1	18.8	2.12	2	<1	0.59	0.2	0.27	2.9	28	0.24
48749 (2687036)	2.86	1.96	0.62	10.6	19.3	2.20	4	<1	0.67	0.4	0.26	2.5	27	0.26
48750 (2687037)	2.78	1.97	0.56	11.3	16.9	2.05	5	1	0.58	0.2	0.51	1.1	44	0.29

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769294

PROJECT: 2021 Surimeau DDH Batch 61

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
48701 (2686988)	14.1	1100	<2	<1	1.3	1290	<0.01	<5	0.26	0.5	1.18	<0.1	22	22.3
48702 (2686989)	3.32	555	<2	5	18.7	26	0.04	<5	4.64	45.7	0.17	<0.1	7	25.1
48703 (2686990)	14.0	1070	<2	<1	1.1	1450	<0.01	<5	0.20	0.6	1.07	<0.1	21	22.2
48704 (2686991)	14.2	1210	<2	<1	1.5	1360	<0.01	<5	0.26	0.9	0.89	<0.1	21	22.5
48705 (2686992)	14.7	1280	<2	<1	1.3	1310	<0.01	<5	0.22	0.9	0.68	<0.1	21	22.3
48706 (2686993)	14.7	1130	<2	<1	1.2	1320	<0.01	<5	0.23	1.0	0.63	<0.1	21	23.1
48707 (2686994)	14.1	1110	<2	<1	1.4	1270	<0.01	<5	0.26	1.2	0.69	0.2	20	22.7
48708 (2686995)	14.1	1200	<2	<1	1.2	1190	<0.01	<5	0.21	1.4	0.46	<0.1	20	23.0
48709 (2686996)	13.0	1250	80	<1	1.3	1190	<0.01	<5	0.30	32.9	0.44	<0.1	19	23.8
48710 (2686997)	14.3	1110	<2	<1	1.4	1300	<0.01	<5	0.21	2.9	0.40	<0.1	20	23.1
48711 (2686998)	15.1	1060	<2	<1	1.1	1420	<0.01	<5	0.20	3.2	0.51	<0.1	19	24.4
48712 C-DUP (2686999)	14.6	1090	<2	<1	0.9	1410	<0.01	<5	0.20	2.8	0.48	<0.1	19	24.3
48713 (2687000)	14.0	1100	<2	<1	1.1	1390	<0.01	<5	0.19	1.6	0.67	<0.1	19	22.9
48714 (2687001)	13.3	1210	<2	<1	1.3	1230	<0.01	<5	0.18	2.3	0.48	<0.1	19	23.2
48715 (2687002)	13.2	1170	<2	<1	1.1	1250	<0.01	<5	0.22	1.8	0.51	<0.1	18	22.4
48716 (2687003)	13.3	1340	<2	<1	1.0	1380	<0.01	<5	0.17	3.0	0.38	<0.1	19	22.8
48717 (2687004)	11.9	1430	<2	<1	1.3	1320	<0.01	<5	0.20	24.3	0.27	<0.1	16	24.2
48718 (2687005)	12.2	1350	7	<1	1.4	1250	<0.01	<5	0.24	77.7	0.18	<0.1	17	25.3
48719 (2687006)	12.2	1300	4	<1	1.1	1240	<0.01	<5	0.23	76.7	0.23	<0.1	17	25.0
48720 (2687007)	12.9	1560	<2	<1	1.2	1230	<0.01	<5	0.17	2.5	0.31	<0.1	19	24.2
48721 (2687008)	12.9	1460	<2	<1	1.1	1300	<0.01	<5	0.22	0.8	0.34	<0.1	19	23.4
48722 (2687009)	4.25	385	<2	3	17.2	26	0.05	6	4.38	37.8	0.11	0.2	<5	28.1
48723 (2687010)	13.1	1370	<2	<1	1.2	1200	<0.01	<5	0.19	0.7	0.36	0.1	19	23.4
48724 (2687011)	12.9	1450	<2	<1	1.2	1210	<0.01	<5	0.25	0.8	0.33	<0.1	20	23.3
48725 (2687012)	12.0	1790	<2	<1	1.5	1320	<0.01	<5	0.28	0.7	0.35	<0.1	21	22.5
48726 (2687013)	11.7	2280	<2	<1	1.4	1510	<0.01	<5	0.24	1.0	0.36	<0.1	24	21.7
48727 (2687014)	8.88	3070	<2	<1	3.4	2090	<0.01	<5	0.68	25.6	0.16	<0.1	36	22.0
48728 (2687015)	6.55	3580	5	2	3.0	1870	<0.01	9	0.49	19.5	0.18	<0.1	41	23.7
48729 (2687016)	4.29	3220	<2	3	3.6	2600	0.09	10	0.61	6.8	0.94	0.1	38	24.6
48730 (2687017)	6.52	3600	<2	1	3.0	2080	<0.01	5	0.52	4.0	0.45	<0.1	35	22.0
48731 (2687018)	10.5	2170	<2	<1	1.4	948	<0.01	<5	0.27	14.9	0.29	0.2	20	20.3
48732 (2687019)	10.4	2050	<2	<1	1.5	904	<0.01	25	0.35	21.3	0.20	<0.1	17	20.7

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769294

PROJECT: 2021 Surimeau DDH Batch 61

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
48733 (2687020)	12.7	1570	<2	<1	1.4	1190	<0.01	<5	0.24	2.4	0.23	0.1	22	22.3
48734 (2687021)	12.6	1820	<2	<1	1.3	1150	<0.01	<5	0.26	2.1	0.25	<0.1	23	22.7
48735 (2687022)	12.6	1690	<2	<1	1.3	1220	<0.01	<5	0.19	1.8	0.45	<0.1	24	22.5
48736 (2687023)	10.3	2060	<2	<1	1.7	1140	0.02	<5	0.33	12.6	0.70	<0.1	21	21.8
48737 (2687024)	11.3	1580	<2	1	2.4	1060	<0.01	<5	0.50	59.2	0.35	<0.1	18	24.0
48738 (2687025)	8.48	1720	<2	<1	2.4	689	<0.01	<5	0.60	1.3	0.41	<0.1	15	15.5
48739 (2687026)	8.69	2010	<2	<1	1.9	714	<0.01	5	0.47	2.9	0.60	<0.1	14	15.7
48740 (2687027)	10.8	1830	<2	<1	1.6	1120	<0.01	<5	0.23	35.9	0.49	<0.1	21	24.1
48741 (2687028)	9.17	2800	48	<1	2.0	1070	<0.01	6	0.43	24.6	0.15	<0.1	23	22.1
48742 (2687029)	8.72	2940	45	<1	1.7	1130	<0.01	7	0.45	29.1	0.20	<0.1	24	20.6
48743 (2687030)	7.83	3200	<2	<1	2.2	1180	<0.01	7	0.38	5.2	0.18	<0.1	24	19.7
48744 (2687031)	9.19	3170	<2	<1	1.7	1230	0.02	<5	0.31	25.8	0.10	<0.1	26	22.9
48745 C-DUP (2687032)	9.12	3150	<2	<1	1.8	1220	0.01	<5	0.33	26.0	0.10	<0.1	26	22.8
48746 (2687033)	7.45	3900	<2	1	3.9	2350	<0.01	9	0.67	188	0.05	0.1	48	19.3
48747 (2687034)	5.01	3390	125	2	3.9	2630	<0.01	12	0.76	78.8	0.94	<0.1	45	22.8
48748 (2687035)	4.13	3250	3	4	4.0	1980	0.16	13	0.86	3.4	1.02	<0.1	35	23.8
48749 (2687036)	4.81	3680	263	4	4.7	2270	0.10	12	0.90	3.9	1.04	<0.1	39	23.7
48750 (2687037)	5.67	4450	23	2	3.0	2050	<0.01	8	0.56	21.0	0.70	<0.1	43	22.5

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769294

PROJECT: 2021 Surimeau DDH Batch 61

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
48701 (2686988)	0.7	<1	27.5	<0.5	0.17	<0.1	0.17	<0.5	0.11	<0.05	136	<1	6.5	0.7
48702 (2686989)	4.0	<1	251	<0.5	0.60	1.7	0.27	<0.5	0.30	1.03	53	<1	19.8	2.1
48703 (2686990)	0.5	<1	25.4	<0.5	0.12	<0.1	0.16	<0.5	0.09	<0.05	127	<1	5.5	0.7
48704 (2686991)	0.5	<1	29.8	<0.5	0.15	<0.1	0.16	<0.5	0.09	<0.05	126	<1	6.2	0.7
48705 (2686992)	0.5	<1	24.8	<0.5	0.17	<0.1	0.17	<0.5	0.11	0.05	130	<1	6.3	0.7
48706 (2686993)	0.7	<1	17.0	<0.5	0.17	<0.1	0.16	<0.5	0.10	<0.05	129	<1	6.6	0.7
48707 (2686994)	0.6	<1	17.3	<0.5	0.15	<0.1	0.16	<0.5	0.11	<0.05	125	<1	6.3	0.7
48708 (2686995)	0.6	<1	15.2	<0.5	0.15	<0.1	0.15	<0.5	0.09	<0.05	121	<1	6.4	0.7
48709 (2686996)	0.4	<1	22.0	<0.5	0.15	<0.1	0.15	<0.5	0.11	0.49	120	<1	6.1	0.7
48710 (2686997)	0.6	<1	14.4	<0.5	0.13	<0.1	0.15	<0.5	0.10	<0.05	119	<1	6.0	0.7
48711 (2686998)	0.6	<1	16.8	<0.5	0.16	<0.1	0.15	<0.5	0.09	<0.05	116	<1	5.8	0.7
48712 C-DUP (2686999)	0.5	<1	16.8	<0.5	0.17	<0.1	0.15	<0.5	0.09	<0.05	114	<1	5.7	0.6
48713 (2687000)	0.5	4	18.2	<0.5	0.13	<0.1	0.15	<0.5	0.09	0.21	117	<1	5.3	0.7
48714 (2687001)	0.6	<1	39.5	<0.5	0.14	<0.1	0.15	<0.5	0.10	<0.05	111	<1	5.7	0.7
48715 (2687002)	0.6	<1	39.2	<0.5	0.15	<0.1	0.15	<0.5	0.09	<0.05	110	<1	5.9	0.6
48716 (2687003)	0.5	<1	17.1	<0.5	0.13	<0.1	0.16	<0.5	0.09	<0.05	113	<1	5.7	0.6
48717 (2687004)	0.5	<1	38.8	<0.5	0.12	<0.1	0.13	<0.5	0.09	0.06	98	<1	5.3	0.5
48718 (2687005)	0.5	<1	30.5	<0.5	0.13	<0.1	0.12	1.3	0.10	0.12	125	<1	5.9	0.7
48719 (2687006)	0.4	<1	28.7	<0.5	0.11	<0.1	0.13	1.5	0.08	<0.05	107	<1	5.2	0.6
48720 (2687007)	0.6	<1	22.0	<0.5	0.13	<0.1	0.15	<0.5	0.09	<0.05	116	<1	5.3	0.7
48721 (2687008)	0.6	<1	19.5	<0.5	0.16	<0.1	0.15	<0.5	0.10	<0.05	117	<1	5.8	0.7
48722 (2687009)	3.8	<1	202	<0.5	0.38	2.7	0.14	<0.5	0.18	0.77	22	<1	11.8	1.1
48723 (2687010)	0.5	<1	20.9	<0.5	0.16	<0.1	0.15	<0.5	0.10	<0.05	115	<1	6.0	0.7
48724 (2687011)	0.6	<1	19.2	<0.5	0.18	<0.1	0.16	<0.5	0.09	<0.05	118	<1	5.7	0.6
48725 (2687012)	0.4	<1	42.5	<0.5	0.15	<0.1	0.17	<0.5	0.10	<0.05	123	<1	6.2	0.7
48726 (2687013)	0.6	<1	66.0	<0.5	0.16	<0.1	0.19	<0.5	0.13	<0.05	139	<1	8.1	0.9
48727 (2687014)	1.2	2	50.1	<0.5	0.31	<0.1	0.28	<0.5	0.26	<0.05	219	<1	14.7	1.7
48728 (2687015)	1.2	3	253	<0.5	0.37	<0.1	0.34	<0.5	0.26	0.13	257	<1	14.1	1.5
48729 (2687016)	1.2	4	428	<0.5	0.35	<0.1	0.32	<0.5	0.24	0.31	217	<1	14.9	1.7
48730 (2687017)	1.2	3	160	<0.5	0.29	<0.1	0.28	<0.5	0.25	0.06	233	<1	12.5	1.5
48731 (2687018)	0.6	<1	156	<0.5	0.14	<0.1	0.15	<0.5	0.10	<0.05	128	<1	6.6	0.7
48732 (2687019)	0.5	2	193	<0.5	0.14	<0.1	0.13	<0.5	0.10	<0.05	105	<1	6.5	0.7

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769294

PROJECT: 2021 Surimeau DDH Batch 61

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
48733 (2687020)	0.6	<1	41.7	<0.5	0.16	<0.1	0.19	<0.5	0.11	<0.05	138	<1	6.5	0.7
48734 (2687021)	0.5	<1	36.6	<0.5	0.13	<0.1	0.19	<0.5	0.11	<0.05	138	<1	7.3	0.8
48735 (2687022)	0.7	<1	35.4	<0.5	0.19	<0.1	0.20	<0.5	0.10	<0.05	145	<1	6.9	0.9
48736 (2687023)	0.6	3	136	<0.5	0.18	<0.1	0.18	<0.5	0.10	0.12	142	<1	7.0	0.8
48737 (2687024)	0.8	3	74.7	<0.5	0.18	<0.1	0.16	0.7	0.09	0.07	125	<1	6.9	0.7
48738 (2687025)	0.6	<1	324	<0.5	0.12	<0.1	0.12	<0.5	0.09	<0.05	91	2	6.3	0.7
48739 (2687026)	0.6	1	374	<0.5	0.14	<0.1	0.11	<0.5	0.09	<0.05	87	<1	6.2	0.7
48740 (2687027)	0.7	6	49.5	<0.5	0.15	<0.1	0.17	<0.5	0.13	<0.05	131	<1	6.9	0.8
48741 (2687028)	0.7	6	149	<0.5	0.19	<0.1	0.18	<0.5	0.12	0.39	156	<1	8.4	0.9
48742 (2687029)	0.8	6	192	<0.5	0.16	<0.1	0.19	<0.5	0.15	0.25	159	<1	8.3	1.0
48743 (2687030)	0.9	5	201	<0.5	0.18	<0.1	0.21	<0.5	0.14	<0.05	162	<1	9.7	1.0
48744 (2687031)	0.7	2	69.7	<0.5	0.21	<0.1	0.22	<0.5	0.13	<0.05	166	<1	8.7	0.8
48745 C-DUP (2687032)	0.7	2	69.5	<0.5	0.20	<0.1	0.23	<0.5	0.12	<0.05	167	<1	8.4	0.8
48746 (2687033)	1.3	3	67.4	<0.5	0.44	0.1	0.42	4.4	0.29	0.05	326	<1	18.7	2.0
48747 (2687034)	1.6	6	728	<0.5	0.47	0.1	0.37	1.3	0.33	0.17	310	<1	18.1	2.0
48748 (2687035)	1.4	7	883	<0.5	0.40	0.3	0.34	<0.5	0.24	0.61	243	<1	14.5	1.5
48749 (2687036)	1.6	8	690	<0.5	0.42	0.3	0.38	<0.5	0.32	0.59	268	<1	16.8	1.8
48750 (2687037)	1.1	6	293	<0.5	0.37	<0.1	0.36	<0.5	0.25	0.18	289	2	15.3	1.8

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769294

PROJECT: 2021 Surimeau DDH Batch 61

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
48701 (2686988)	49	15.0
48702 (2686989)	27	178
48703 (2686990)	47	16.3
48704 (2686991)	54	15.3
48705 (2686992)	56	14.9
48706 (2686993)	49	14.6
48707 (2686994)	44	14.4
48708 (2686995)	47	13.4
48709 (2686996)	85	12.5
48710 (2686997)	59	13.2
48711 (2686998)	48	12.6
48712 C-DUP (2686999)	48	13.6
48713 (2687000)	55	13.0
48714 (2687001)	49	11.2
48715 (2687002)	48	13.7
48716 (2687003)	58	14.3
48717 (2687004)	97	10.5
48718 (2687005)	137	12.3
48719 (2687006)	72	12.5
48720 (2687007)	55	12.8
48721 (2687008)	50	13.8
48722 (2687009)	17	133
48723 (2687010)	49	13.7
48724 (2687011)	54	13.6
48725 (2687012)	52	15.3
48726 (2687013)	61	16.3
48727 (2687014)	72	24.6
48728 (2687015)	143	29.3
48729 (2687016)	167	26.5
48730 (2687017)	111	24.9
48731 (2687018)	51	13.9
48732 (2687019)	43	11.3

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769294

PROJECT: 2021 Surimeau DDH Batch 61

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
48733 (2687020)	55	16.0
48734 (2687021)	58	16.1
48735 (2687022)	63	17.0
48736 (2687023)	129	14.7
48737 (2687024)	136	14.0
48738 (2687025)	31	13.2
48739 (2687026)	31	9.6
48740 (2687027)	85	15.7
48741 (2687028)	112	17.9
48742 (2687029)	99	16.0
48743 (2687030)	61	18.1
48744 (2687031)	78	18.3
48745 C-DUP (2687032)	79	18.8
48746 (2687033)	111	36.8
48747 (2687034)	424	33.1
48748 (2687035)	481	25.8
48749 (2687036)	500	28.9
48750 (2687037)	393	31.1

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769294

PROJECT: 2021 Surimeau DDH Batch 61

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
48701 (2686988)	79.16
48720 (2687007)	77.80
48740 (2687027)	83.33

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O769294

PROJECT: 2021 Surimeau DDH Batch 61

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 01, 2021 | DATE RECEIVED: Jul 02, 2021 | DATE REPORTED: Sep 23, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pul-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
48701 (2686988)	83.56
48720 (2687007)	91.97
48740 (2687027)	88.46

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 150 Jaguar Drive, Timmins, ON and 35 General Aviation Road, Timmins, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2686988	< 1	< 1	0.0%	2687002	< 1	< 1	0.0%	2687013	< 1	< 1	0.0%	2687028	< 1	< 1	0.0%
Al	2686988	3.21	3.17	1.3%	2687002	2.72	2.76	1.5%	2687013	3.50	3.55	1.4%	2687028	3.57	3.62	1.4%
As	2686988	< 5	< 5	0.0%	2687002	< 5	< 5	0.0%	2687013	< 5	< 5	0.0%	2687028	< 5	< 5	0.0%
B	2686988	< 20	< 20	0.0%	2687002	< 20	< 20	0.0%	2687013	< 20	< 20	0.0%	2687028	< 20	< 20	0.0%
Ba	2686988	< 0.5	< 0.5	0.0%	2687002	1.1	< 0.5		2687013	< 0.5	< 0.5	0.0%	2687028	87.3	87.6	0.3%
Be	2686988	< 5	< 5	0.0%	2687002	< 5	< 5	0.0%	2687013	< 5	< 5	0.0%	2687028	< 5	< 5	0.0%
Bi	2686988	0.44	0.47	6.6%	2687002	0.6	0.6	0.0%	2687013	0.6	0.6	0.0%	2687028	0.7	0.8	13.3%
Ca	2686988	6.15	6.19	0.6%	2687002	6.41	6.51	1.5%	2687013	8.42	8.45	0.4%	2687028	11.4	11.2	1.8%
Cd	2686988	< 0.2	< 0.2	0.0%	2687002	< 0.2	< 0.2	0.0%	2687013	< 0.2	< 0.2	0.0%	2687028	0.3	< 0.2	
Ce	2686988	1.2	1.2	0.0%	2687002	1.2	1.3	8.0%	2687013	1.5	1.5	0.0%	2687028	2.7	2.8	3.6%
Co	2686988	91.3	91.5	0.2%	2687002	86.9	89.3	2.7%	2687013	108	106	1.9%	2687028	84.1	84.5	0.5%
Cr	2686988	0.220	0.214	2.8%	2687002	0.196	0.199	1.5%	2687013	0.252	0.254	0.8%	2687028	0.225	0.222	1.3%
Cs	2686988	< 0.1	< 0.1	0.0%	2687002	0.4	0.3	28.6%	2687013	0.2	0.2	0.0%	2687028	4.94	5.08	2.8%
Cu	2686988	43	43	0.0%	2687002	42	43	2.4%	2687013	28	30	6.9%	2687028	< 5	8	
Dy	2686988	1.11	1.21	8.6%	2687002	1.09	1.03	5.7%	2687013	1.31	1.38	5.2%	2687028	1.35	1.37	1.5%
Er	2686988	0.77	0.79	2.6%	2687002	0.680	0.728	6.8%	2687013	0.90	0.89	1.1%	2687028	0.903	0.943	4.3%
Eu	2686988	0.05	0.04	22.2%	2687002	0.088	0.073	18.6%	2687013	0.08	0.13		2687028	0.557	0.428	26.2%
Fe	2686988	7.27	7.29	0.3%	2687002	6.49	6.58	1.4%	2687013	7.00	6.99	0.1%	2687028	7.10	7.03	1.0%
Ga	2686988	7.97	7.49	6.2%	2687002	7.03	6.49	8.0%	2687013	8.25	8.37	1.4%	2687028	10.7	11.0	2.8%
Gd	2686988	0.87	1.04	17.8%	2687002	0.72	0.85	16.6%	2687013	0.96	0.99	3.1%	2687028	1.03	1.09	5.7%
Ge	2686988	4	4	0.0%	2687002	3	3	0.0%	2687013	3	2		2687028	2	3	
Hf	2686988	< 1	< 1	0.0%	2687002	< 1	< 1	0.0%	2687013	< 1	< 1	0.0%	2687028	< 1	< 1	0.0%
Ho	2686988	0.263	0.298	12.5%	2687002	0.23	0.20	14.0%	2687013	0.274	0.308	11.7%	2687028	0.30	0.31	3.3%
In	2686988	< 0.2	< 0.2	0.0%	2687002	< 0.2	< 0.2	0.0%	2687013	< 0.2	< 0.2	0.0%	2687028	< 0.2	< 0.2	0.0%
K	2686988	< 0.05	< 0.05	0.0%	2687002	< 0.05	< 0.05	0.0%	2687013	0.064	0.067	4.6%	2687028	0.60	0.60	0.0%
La	2686988	0.46	0.40	14.0%	2687002	0.42	0.52	21.3%	2687013	0.6	0.6	0.0%	2687028	1.38	1.30	6.0%
Li	2686988	< 10	< 10	0.0%	2687002	< 10	< 10	0.0%	2687013	< 10	< 10	0.0%	2687028	39	40	2.5%
Lu	2686988	0.084	0.089	5.8%	2687002	0.109	0.093	15.8%	2687013	0.11	0.13	16.7%	2687028	0.119	0.148	21.7%
Mg	2686988	14.1	13.7	2.9%	2687002	13.2	13.3	0.8%	2687013	11.7	11.7	0.0%	2687028	9.17	9.14	0.3%
Mn	2686988	1100	1100	0.0%	2687002	1170	1190	1.7%	2687013	2280	2280	0.0%	2687028	2800	2770	1.1%
Mo	2686988	< 2	< 2	0.0%	2687002	< 2	< 2	0.0%	2687013	< 2	< 2	0.0%	2687028	48	41	15.7%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Nb	2686988	< 1	< 1	0.0%	2687002	< 1	< 1	0.0%	2687013	< 1	< 1	0.0%	2687028	< 1	< 1	0.0%
Nd	2686988	1.32	1.40	5.9%	2687002	1.1	1.1	0.0%	2687013	1.42	1.33	6.5%	2687028	2.00	1.75	13.3%
Ni	2686988	1290	1280	0.8%	2687002	1250	1280	2.4%	2687013	1510	1460	3.4%	2687028	1070	1070	0.0%
P	2686988	< 0.01	< 0.01	0.0%	2687002	< 0.01	< 0.01	0.0%	2687013	< 0.01	< 0.01	0.0%	2687028	< 0.01	< 0.01	0.0%
Pb	2686988	< 5	< 5	0.0%	2687002	< 5	< 5	0.0%	2687013	< 5	< 5	0.0%	2687028	6	6	0.0%
Pr	2686988	0.26	0.26	0.0%	2687002	0.221	0.226	2.2%	2687013	0.243	0.299	20.7%	2687028	0.43	0.39	9.8%
Rb	2686988	0.5	0.5	0.0%	2687002	1.80	1.53	16.2%	2687013	0.96	0.78	20.7%	2687028	24.6	22.9	7.2%
S	2686988	1.18	1.16	1.7%	2687002	0.51	0.53	3.8%	2687013	0.356	0.344	3.4%	2687028	0.147	0.145	1.4%
Sb	2686988	< 0.1	< 0.1	0.0%	2687002	< 0.1	< 0.1	0.0%	2687013	< 0.1	< 0.1	0.0%	2687028	< 0.1	< 0.1	0.0%
Sc	2686988	22	21	4.7%	2687002	18	18	0.0%	2687013	24	23	4.3%	2687028	23	23	0.0%
Si	2686988	22.3	22.3	0.0%	2687002	22.4	22.6	0.9%	2687013	21.7	21.8	0.5%	2687028	22.1	21.8	1.4%
Sm	2686988	0.7	0.4		2687002	0.62	0.53	15.7%	2687013	0.65	0.72	10.2%	2687028	0.7	0.7	0.0%
Sn	2686988	< 1	< 1	0.0%	2687002	< 1	< 1	0.0%	2687013	< 1	< 1	0.0%	2687028	6	6	0.0%
Sr	2686988	27.5	27.4	0.4%	2687002	39.2	40.1	2.3%	2687013	66.0	66.2	0.3%	2687028	149	147	1.4%
Ta	2686988	< 0.5	< 0.5	0.0%	2687002	< 0.5	< 0.5	0.0%	2687013	< 0.5	< 0.5	0.0%	2687028	< 0.5	< 0.5	0.0%
Tb	2686988	0.165	0.147	11.5%	2687002	0.15	0.14	6.9%	2687013	0.159	0.198	21.8%	2687028	0.19	0.19	0.0%
Th	2686988	< 0.1	< 0.1	0.0%	2687002	< 0.1	< 0.1	0.0%	2687013	< 0.1	< 0.1	0.0%	2687028	< 0.1	< 0.1	0.0%
Ti	2686988	0.172	0.176	2.3%	2687002	0.15	0.15	0.0%	2687013	0.186	0.183	1.6%	2687028	0.18	0.18	0.0%
Tl	2686988	< 0.5	< 0.5	0.0%	2687002	< 0.5	< 0.5	0.0%	2687013	< 0.5	< 0.5	0.0%	2687028	< 0.5	< 0.5	0.0%
Tm	2686988	0.11	0.10	9.5%	2687002	0.09	0.08	11.8%	2687013	0.13	0.13	0.0%	2687028	0.123	0.150	19.8%
U	2686988	< 0.05	< 0.05	0.0%	2687002	< 0.05	< 0.05	0.0%	2687013	< 0.05	< 0.05	0.0%	2687028	0.39	0.28	
V	2686988	136	130	4.5%	2687002	110	114	3.6%	2687013	139	139	0.0%	2687028	156	155	0.6%
W	2686988	< 1	< 1	0.0%	2687002	< 1	< 1	0.0%	2687013	< 1	< 1	0.0%	2687028	< 1	< 1	0.0%
Y	2686988	6.5	6.5	0.0%	2687002	5.89	6.26	6.1%	2687013	8.1	8.1	0.0%	2687028	8.40	7.93	5.8%
Yb	2686988	0.7	0.7	0.0%	2687002	0.6	0.6	0.0%	2687013	0.9	0.9	0.0%	2687028	0.9	0.9	0.0%
Zn	2686988	49	47	4.2%	2687002	48	51	6.1%	2687013	61	53	14.0%	2687028	112	109	2.7%
Zr	2686988	15.0	15.0	0.0%	2687002	13.7	13.4	2.2%	2687013	16.3	17.3	6.0%	2687028	17.9	15.7	13.1%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O769294

PROJECT: 2021 Surimeau DDH Batch 61

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.07	95%	90% - 110%					6.94	6.9	99%	90% - 110%	13.0	12.9	99%	90% - 110%
As	26	26	99%	90% - 110%												
Ba	540	483	89%	90% - 110%									1310	1251	95%	90% - 110%
Be	4.0	4	100%	90% - 110%												
Ca	0.907	0.863	95%	90% - 110%					4.01	3.96	99%	90% - 110%	1.42	1.39	98%	90% - 110%
Ce	98	100	102%	90% - 110%	58.2	63.4	109%	90% - 110%								
Co	15	13	90%	90% - 110%												
Cu	150	145	96%	90% - 110%												
Er	3.7	3.8	103%	90% - 110%												
Fe	3.77	3.75	99%	90% - 110%					7.56	7.69	102%	90% - 110%	3.27	3.33	102%	90% - 110%
Ga					22.6	23.9	106%	90% - 110%								
Hf	11	9	86%	90% - 110%												
K	2.55	2.42	95%	90% - 110%					2.02	1.99	99%	90% - 110%	3.68	3.72	101%	90% - 110%
La	44	45	102%	90% - 110%	27.5	30.6	111%	90% - 110%								
Li	47	46	97%	90% - 110%									65.0	68.7	106%	90% - 110%
Lu	0.6	0.6	92%	90% - 110%												
Mg	1.1	1	92%	90% - 110%					2.41	2.34	97%	90% - 110%				
Mn	780	721	92%	90% - 110%												
Mo	14	13	95%	90% - 110%												
Nb	20	18	91%	90% - 110%	22.6	22.9	101%	90% - 110%								
Nd					27.3	28.9	106%	90% - 110%								
P													0.061	0.047	78%	90% - 110%
Pb	31	31	102%	90% - 110%												
Rb	144	142	98%	90% - 110%	85.4	90.5	106%	90% - 110%								
Sb	0.8	1	121%	90% - 110%												
Sc	12	11	94%	90% - 110%												
Si	28.4	28.4	100%	90% - 110%					23.65	24.27	103%	90% - 110%	24.4	25.3	104%	90% - 110%
Sm	7.4	8.2	111%	90% - 110%												
Sr	144	144	100%	90% - 110%									310	312	101%	90% - 110%
Ta	1.9	2	108%	90% - 110%												
Tb	1.2	1.1	93%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Th	18.4	16.8	91%	90% - 110%												
Ti	0.527	0.486	92%	90% - 110%									0.222	0.206	93%	90% - 110%
U	5.7	5	88%	90% - 110%												
V	77	78	101%	90% - 110%												
W	5	5	104%	90% - 110%												
Y	40	33	83%	90% - 110%	25.3	25.6	101%	90% - 110%								
Yb					2.66	2.75	103%	90% - 110%								
Zn	130	113	87%	90% - 110%									75.4	71	94%	90% - 110%
Zr	390	360	92%	90% - 110%	157	160	102%	90% - 110%								

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O769294

PROJECT: 2021 Surimeau DDH Batch 61

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O769294

PROJECT: 2021 Surimeau DDH Batch 61

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O769294

PROJECT: 2021 Surimeau DDH Batch 61

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE
Pul-Pass %			BALANCE

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 SURIMEAU DDH BATCH 62

AGAT WORK ORDER: 21O785142

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 24, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785142

PROJECT: 2021 SURIMEAU DDH BATCH 62

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
48751 (2828588)	2.52
48752 (2828589)	1.02
48753 (2828590)	2.39
48754 (2828591)	3.56
48755 (2828592)	4.24
48756 (2828593)	3.45
48757 (2828594)	2.40
48758 (2828595)	2.66
48759 (2828596)	2.88
48760 (2828597)	2.83
48761 (2828598)	2.57
48762 C-DUP (2828599)	-
48763 (2828600)	2.87
48764 (2828601)	1.28
48765 (2828602)	1.23
48766 (2828603)	2.78
48767 (2828604)	3.00
48768 (2828605)	2.74
48769 (2828606)	2.88
48770 (2828607)	2.56
48771 (2828608)	2.79
48772 (2828609)	0.75
48773 (2828610)	2.83
48774 (2828611)	3.07
48775 (2828612)	2.75
48776 (2828613)	2.99
48777 (2828614)	2.52
48778 (2828615)	2.76
48779 (2828616)	2.67
48780 (2828617)	2.79
48781 (2828618)	2.50

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785142

PROJECT: 2021 SURIMEAU DDH BATCH 62

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
48782 (2828619)	2.68
48783 (2828620)	1.49
48784 (2828621)	2.89
48785 (2828622)	2.29
48786 (2828623)	1.78
48787 (2828624)	2.30
48788 (2828625)	2.45
48789 (2828626)	2.67
48790 (2828627)	1.32
48791 (2828628)	1.23
48792 (2828629)	1.21
48793 (2828630)	2.93
48794 (2828631)	2.75
48795 C-DUP (2828632)	-
48796 (2828633)	2.92
48797 (2828634)	2.72
48798 (2828635)	2.20
48799 (2828636)	3.31
48800 (2828637)	2.66

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785142

PROJECT: 2021 SURIMEAU DDH BATCH 62

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
48751 (2828588)	<1	6.52	<5	<20	108	11	1.1	6.45	0.6	8.6	98.9	0.397	0.2	198
48752 (2828589)	<1	3.43	<5	83	520	<5	<0.1	9.48	<0.2	37.9	6.6	0.042	0.6	9
48753 (2828590)	<1	6.54	<5	<20	108	14	1.6	6.59	0.4	4.3	146	0.415	0.1	368
48754 (2828591)	<1	6.22	<5	<20	89.0	10	1.4	6.78	0.3	3.6	139	0.433	0.1	342
48755 (2828592)	<1	6.43	<5	<20	103	13	1.4	6.65	0.2	4.1	151	0.410	0.1	340
48756 (2828593)	3	6.46	<5	<20	101	13	2.9	7.25	0.2	3.9	166	0.430	<0.1	236
48757 (2828594)	2	6.26	<5	<20	93.9	11	2.1	6.11	0.4	4.7	204	0.464	<0.1	620
48758 (2828595)	1	6.13	<5	<20	182	<5	0.9	5.86	0.3	13.6	117	0.315	0.7	259
48759 (2828596)	<1	6.21	<5	<20	109	<5	1.5	6.80	0.3	3.5	158	0.421	0.1	110
48760 (2828597)	<1	6.07	<5	<20	99.3	7	2.3	6.90	<0.2	3.8	163	0.418	0.1	99
48761 (2828598)	<1	6.54	<5	<20	134	6	1.2	7.96	0.2	15.6	111	0.315	<0.1	95
48762 C-DUP (2828599)	1	6.65	<5	<20	137	7	1.4	8.08	0.2	16.1	113	0.309	0.1	90
48763 (2828600)	1	6.45	<5	<20	121	5	1.8	7.42	<0.2	5.2	135	0.363	0.1	88
48764 (2828601)	<1	5.36	<5	<20	81.6	6	2.3	7.83	0.3	3.6	162	0.400	0.1	72
48765 (2828602)	<1	5.70	<5	<20	86.3	<5	2.7	7.43	0.3	4.0	178	0.406	<0.1	82
48766 (2828603)	<1	5.74	<5	<20	94.0	6	2.3	8.10	<0.2	5.5	208	0.354	0.1	166
48767 (2828604)	<1	6.09	<5	<20	280	<5	1.9	6.13	0.3	3.0	208	0.402	3.1	181
48768 (2828605)	<1	6.86	<5	<20	559	<5	0.9	3.92	<0.2	3.7	163	0.436	14.6	53
48769 (2828606)	<1	6.07	<5	<20	338	<5	1.3	4.78	0.2	3.3	217	0.427	4.8	86
48770 (2828607)	<1	5.94	5	<20	231	<5	0.4	4.31	<0.2	3.5	170	0.376	4.7	54
48771 (2828608)	<1	5.63	112	<20	468	<5	0.5	3.99	0.4	3.9	174	0.402	5.4	55
48772 (2828609)	<1	0.02	<5	35	437	<5	<0.1	19.7	<0.2	0.2	<0.5	<0.005	0.3	<5
48773 (2828610)	<1	5.91	<5	<20	479	<5	0.6	4.83	0.6	3.3	214	0.409	4.5	131
48774 (2828611)	<1	6.18	<5	<20	127	<5	0.5	5.64	0.4	3.7	253	0.438	3.6	94
48775 (2828612)	<1	6.03	<5	<20	46.9	<5	0.4	5.66	<0.2	4.0	204	0.417	2.1	97
48776 (2828613)	<1	5.37	<5	<20	36.7	<5	0.3	5.08	<0.2	4.0	197	0.383	1.4	100
48777 (2828614)	1	4.91	<5	<20	13.8	<5	0.2	5.20	<0.2	3.3	177	0.363	0.2	86
48778 (2828615)	3	5.06	<5	<20	15.9	<5	0.1	5.54	<0.2	3.2	124	0.357	0.1	63
48779 (2828616)	<1	5.43	<5	<20	27.5	<5	0.2	5.21	<0.2	3.1	136	0.375	1.3	95
48780 (2828617)	<1	4.99	<5	<20	81.5	<5	0.2	6.24	<0.2	3.0	119	0.349	0.3	56
48781 (2828618)	<1	4.42	<5	<20	106	<5	0.7	7.42	<0.2	3.0	122	0.331	0.2	93
48782 (2828619)	3	4.16	<5	<20	232	<5	0.7	8.47	<0.2	3.2	102	0.310	0.9	175

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785142

PROJECT: 2021 SURIMEAU DDH BATCH 62

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
48783 (2828620)	2	4.40	<5	<20	547	<5	0.5	6.26	0.3	4.2	130	0.312	0.6	125
48784 (2828621)	1	5.05	<5	<20	1170	<5	0.5	8.45	<0.2	4.0	118	0.366	0.4	497
48785 (2828622)	1	5.86	<5	<20	913	<5	1.3	4.12	3.0	11.8	181	0.299	0.7	991
48786 (2828623)	2	5.09	<5	<20	87.7	<5	2.8	8.11	27.1	36.0	127	0.022	0.2	819
48787 (2828624)	6	6.58	<5	<20	78.5	<5	17.2	3.66	33.9	45.4	132	0.033	0.4	1040
48788 (2828625)	<1	7.51	<5	<20	104	<5	0.6	4.44	5.4	50.1	35.8	0.044	0.3	369
48789 (2828626)	3	7.03	<5	<20	161	<5	7.0	2.75	43.6	43.7	160	0.031	0.7	639
48790 (2828627)	1	6.31	<5	<20	394	<5	0.7	4.75	5.3	10.0	119	0.395	0.6	750
48791 (2828628)	<1	5.58	<5	<20	414	<5	0.4	6.01	<0.2	3.6	134	0.402	0.9	481
48792 (2828629)	1	5.83	<5	<20	424	<5	0.5	6.21	0.2	3.7	126	0.414	0.8	561
48793 (2828630)	<1	3.64	19	<20	77.8	<5	<0.1	9.16	<0.2	2.5	94.1	0.307	1.2	68
48794 (2828631)	1	5.52	<5	<20	28.4	<5	0.3	6.30	1.3	4.2	111	0.409	1.0	77
48795 C-DUP (2828632)	<1	5.40	<5	<20	28.7	<5	<0.1	6.16	0.2	3.9	111	0.395	0.4	73
48796 (2828633)	<1	5.24	5	<20	32.8	<5	0.1	6.82	0.2	3.9	135	0.368	0.5	68
48797 (2828634)	<1	5.01	<5	<20	32.5	<5	0.1	6.42	<0.2	3.4	139	0.402	0.2	86
48798 (2828635)	<1	5.46	<5	<20	46.1	<5	0.1	6.83	<0.2	3.5	142	0.352	0.1	57
48799 (2828636)	<1	5.39	<5	<20	20.9	<5	0.1	6.20	<0.2	2.8	133	0.401	0.2	88
48800 (2828637)	<1	5.46	<5	<20	26.3	<5	0.1	5.12	<0.2	2.8	137	0.432	1.1	116

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785142

PROJECT: 2021 SURIMEAU DDH BATCH 62

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
48751 (2828588)	3.17	1.84	0.81	9.57	16.6	2.38	3	<1	0.65	0.3	0.26	3.9	24	0.28
48752 (2828589)	3.09	1.75	0.81	2.02	9.72	3.85	2	5	0.59	<0.2	1.89	16.6	21	0.26
48753 (2828590)	2.71	1.87	0.78	10.6	18.3	2.01	4	<1	0.60	0.3	0.23	1.8	24	0.28
48754 (2828591)	2.73	1.95	0.73	11.5	18.8	2.15	3	<1	0.59	0.4	0.24	1.4	29	0.30
48755 (2828592)	2.78	1.93	0.76	11.4	20.2	2.21	4	<1	0.58	0.4	0.28	1.7	30	0.27
48756 (2828593)	2.81	1.91	0.70	11.3	17.6	2.13	5	<1	0.59	0.2	0.30	1.6	31	0.25
48757 (2828594)	2.71	1.93	0.94	11.7	16.8	2.16	4	1	0.57	0.3	0.26	1.6	29	0.29
48758 (2828595)	2.96	1.98	1.03	9.36	15.7	3.13	4	1	0.68	0.2	0.28	5.4	33	0.28
48759 (2828596)	3.03	1.93	0.67	11.0	16.5	2.41	3	1	0.62	0.2	0.28	1.4	29	0.28
48760 (2828597)	2.66	1.94	0.66	10.9	16.3	2.16	3	<1	0.60	<0.2	0.22	1.5	22	0.27
48761 (2828598)	3.50	2.44	0.90	7.64	16.1	2.93	4	1	0.84	<0.2	0.19	7.0	19	0.48
48762 C-DUP (2828599)	3.58	2.71	0.85	7.65	14.6	3.00	3	1	0.82	<0.2	0.18	7.5	18	0.47
48763 (2828600)	2.87	2.06	0.67	8.26	14.7	2.16	3	<1	0.67	<0.2	0.20	2.4	19	0.35
48764 (2828601)	2.64	1.62	0.67	9.85	15.5	2.01	3	<1	0.58	<0.2	0.17	1.6	21	0.27
48765 (2828602)	2.54	1.63	0.65	10.2	14.6	2.02	4	1	0.52	<0.2	0.16	1.8	19	0.25
48766 (2828603)	2.67	1.93	0.75	11.5	12.1	2.23	3	<1	0.62	<0.2	0.21	2.5	20	0.34
48767 (2828604)	2.59	1.66	0.53	14.2	15.9	1.94	3	1	0.63	<0.2	0.61	1.1	51	0.24
48768 (2828605)	2.96	2.11	0.66	11.8	13.1	2.49	2	1	0.67	<0.2	2.16	1.4	143	0.29
48769 (2828606)	2.73	1.75	0.70	10.7	12.3	2.04	2	<1	0.58	<0.2	0.85	1.2	67	0.26
48770 (2828607)	2.66	1.80	0.68	9.96	11.9	1.95	2	<1	0.60	<0.2	0.77	1.4	63	0.24
48771 (2828608)	2.44	1.69	0.69	10.1	11.0	1.74	2	1	0.52	<0.2	0.93	1.6	82	0.22
48772 (2828609)	0.06	<0.05	<0.05	0.07	<0.01	<0.05	<1	<1	<0.05	<0.2	<0.05	0.2	10	<0.05
48773 (2828610)	2.51	1.72	0.78	14.2	15.9	1.97	2	<1	0.54	<0.2	0.88	1.2	88	0.27
48774 (2828611)	2.79	1.76	0.64	14.1	12.9	2.03	3	1	0.58	<0.2	0.80	1.3	93	0.24
48775 (2828612)	2.59	1.80	0.66	11.9	13.0	2.05	3	<1	0.57	<0.2	0.52	1.6	72	0.26
48776 (2828613)	2.42	1.86	0.64	10.7	10.4	1.97	3	<1	0.57	<0.2	0.34	1.7	52	0.26
48777 (2828614)	2.20	1.23	0.49	9.93	9.69	1.48	3	<1	0.43	<0.2	0.18	1.4	27	0.20
48778 (2828615)	2.11	1.48	0.57	10.4	11.1	1.82	3	<1	0.48	<0.2	0.19	1.2	26	0.22
48779 (2828616)	2.31	1.70	0.55	10.6	10.9	1.78	4	<1	0.46	<0.2	0.31	1.2	38	0.23
48780 (2828617)	2.07	1.60	0.60	9.66	10.7	1.77	3	<1	0.47	<0.2	0.35	1.2	27	0.24
48781 (2828618)	2.18	1.30	0.56	8.95	10.9	1.47	3	<1	0.45	<0.2	0.33	1.4	21	0.21
48782 (2828619)	2.10	1.44	0.57	6.87	8.51	1.61	3	<1	0.47	<0.2	0.39	1.5	25	0.20

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785142

PROJECT: 2021 SURIMEAU DDH BATCH 62

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
48783 (2828620)	2.66	1.63	0.50	7.38	8.61	2.02	4	<1	0.56	<0.2	0.69	2.1	21	0.26
48784 (2828621)	2.37	1.64	0.53	7.20	10.5	1.81	2	<1	0.53	<0.2	0.95	2.0	12	0.24
48785 (2828622)	3.44	2.33	0.83	12.6	14.7	2.78	2	2	0.77	0.2	0.77	5.1	27	0.41
48786 (2828623)	3.81	2.24	1.70	14.6	21.6	3.71	2	3	0.72	3.8	0.19	15.2	<10	0.35
48787 (2828624)	3.43	1.86	2.01	11.8	34.6	3.69	5	4	0.66	7.1	0.20	21.1	<10	0.25
48788 (2828625)	2.57	1.44	1.59	3.64	29.1	3.33	4	3	0.50	1.1	0.22	22.8	<10	0.21
48789 (2828626)	4.10	2.37	2.03	13.3	32.1	4.41	4	4	0.81	8.8	0.43	18.4	17	0.36
48790 (2828627)	2.95	2.07	1.06	9.21	28.1	2.54	4	1	0.67	1.0	0.49	4.9	20	0.28
48791 (2828628)	2.37	1.49	0.60	9.76	13.4	1.76	4	<1	0.52	<0.2	0.67	1.6	38	0.28
48792 (2828629)	2.36	1.51	0.51	9.90	13.2	1.82	5	<1	0.50	<0.2	0.68	1.6	45	0.24
48793 (2828630)	1.71	1.17	0.41	7.23	7.67	1.40	5	<1	0.38	<0.2	0.68	1.2	30	0.15
48794 (2828631)	2.83	2.05	0.92	10.1	11.1	2.27	5	1	0.65	0.5	0.28	2.0	40	0.39
48795 C-DUP (2828632)	2.25	1.53	0.66	9.94	10.6	2.01	3	<1	0.53	0.2	0.29	1.5	40	0.28
48796 (2828633)	2.39	1.60	0.53	9.86	10.5	1.72	4	<1	0.51	<0.2	0.22	1.7	33	0.23
48797 (2828634)	2.25	1.46	0.51	9.56	9.68	1.66	2	<1	0.45	<0.2	0.23	1.4	41	0.23
48798 (2828635)	2.34	1.55	0.53	8.31	10.7	1.90	3	<1	0.47	<0.2	0.28	1.6	32	0.22
48799 (2828636)	2.30	1.62	0.58	8.45	11.4	1.77	2	<1	0.49	<0.2	0.17	1.1	33	0.23
48800 (2828637)	2.34	1.56	0.50	9.63	11.4	1.68	2	<1	0.54	<0.2	0.19	1.1	41	0.26

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785142

PROJECT: 2021 SURIMEAU DDH BATCH 62

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
48751 (2828588)	4.70	3290	1050	6	5.5	1410	0.11	8	1.23	5.0	0.81	<0.1	38	24.2
48752 (2828589)	4.82	496	3	7	20.2	21	0.07	<5	5.05	48.0	0.18	0.1	6	23.7
48753 (2828590)	4.81	3550	17	4	3.7	2300	0.08	9	0.78	2.4	1.15	<0.1	40	24.2
48754 (2828591)	5.10	3880	25	4	3.5	1900	<0.01	7	0.67	2.7	1.06	<0.1	43	23.6
48755 (2828592)	4.88	3860	10	4	3.6	2040	0.03	8	0.72	3.8	1.17	<0.1	40	23.9
48756 (2828593)	5.37	4650	5	3	3.8	2800	0.03	8	0.64	3.4	0.96	0.1	44	23.7
48757 (2828594)	4.62	3800	11	7	4.0	2880	<0.01	10	0.85	3.7	2.00	0.1	46	23.3
48758 (2828595)	4.79	3730	66	3	10.0	1140	0.03	11	2.14	8.9	1.51	<0.1	39	24.7
48759 (2828596)	5.02	5070	19	3	3.6	1970	<0.01	8	0.66	4.4	1.01	<0.1	44	24.5
48760 (2828597)	4.70	4980	5	4	3.5	2580	<0.01	8	0.66	2.3	1.07	<0.1	42	24.2
48761 (2828598)	3.20	5960	15	4	9.8	1530	0.10	11	2.18	4.5	0.92	0.1	34	25.8
48762 C-DUP (2828599)	3.21	6020	18	4	10.3	1450	0.09	11	2.19	4.1	0.92	<0.1	34	26.2
48763 (2828600)	3.29	6020	7	3	4.2	2060	0.03	9	0.80	6.0	0.99	<0.1	34	25.4
48764 (2828601)	4.36	5750	<2	2	3.3	2530	0.01	7	0.61	3.6	0.96	<0.1	41	25.2
48765 (2828602)	4.31	5410	2	2	3.3	2820	0.01	8	0.66	2.1	1.06	<0.1	40	25.6
48766 (2828603)	3.59	6310	<2	1	4.1	2430	0.02	7	0.86	4.4	1.99	<0.1	35	24.0
48767 (2828604)	4.27	4930	<2	1	3.0	2230	<0.01	5	0.57	27.6	2.11	<0.1	42	21.6
48768 (2828605)	4.82	4480	<2	<1	3.6	1900	<0.01	6	0.75	118	0.53	<0.1	47	23.3
48769 (2828606)	3.95	4360	<2	<1	3.6	2340	<0.01	8	0.58	42.6	1.03	<0.1	42	26.4
48770 (2828607)	3.57	3960	10	<1	3.5	2020	0.01	7	0.60	33.4	0.71	<0.1	41	26.6
48771 (2828608)	3.27	4070	20	1	3.3	2270	0.01	6	0.70	49.0	0.71	0.1	39	26.8
48772 (2828609)	13.2	364	<2	<1	0.2	<5	0.01	<5	0.07	0.7	0.24	<0.1	<5	8.54
48773 (2828610)	3.73	5560	2	<1	2.9	2370	0.01	5	0.61	36.5	1.59	0.1	41	23.7
48774 (2828611)	4.30	5340	<2	<1	3.2	2490	0.01	<5	0.65	26.9	1.07	<0.1	43	22.3
48775 (2828612)	4.52	5100	<2	<1	3.8	2290	<0.01	<5	0.70	14.2	0.91	<0.1	41	24.5
48776 (2828613)	4.14	4790	<2	<1	3.2	2530	<0.01	<5	0.68	8.4	0.69	<0.1	37	26.6
48777 (2828614)	3.61	4840	<2	<1	3.1	2350	0.01	<5	0.63	2.1	0.51	<0.1	34	27.8
48778 (2828615)	3.61	4940	<2	<1	2.8	1680	<0.01	<5	0.57	2.2	0.44	<0.1	35	27.7
48779 (2828616)	3.96	4940	<2	<1	2.8	1930	<0.01	<5	0.54	8.2	0.48	<0.1	36	27.8
48780 (2828617)	3.48	4990	<2	<1	2.5	1520	<0.01	<5	0.51	8.3	0.38	<0.1	34	27.9
48781 (2828618)	3.10	4730	<2	<1	3.0	1540	<0.01	<5	0.53	10.1	1.23	0.1	31	27.6
48782 (2828619)	2.58	4110	16	1	2.6	1090	0.01	<5	0.54	21.4	2.30	<0.1	29	28.3

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785142

PROJECT: 2021 SURIMEAU DDH BATCH 62

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
48783 (2828620)	2.78	4220	<2	<1	3.6	1480	<0.01	14	0.72	34.4	4.11	<0.1	30	27.5
48784 (2828621)	0.86	3160	<2	<1	3.6	1610	<0.01	12	0.72	30.9	4.25	<0.1	34	28.3
48785 (2828622)	0.76	1770	12	2	7.6	1960	0.02	36	1.71	30.5	7.37	0.2	33	27.7
48786 (2828623)	0.46	2900	7	4	19.2	1550	0.03	85	4.78	4.0	9.15	0.2	11	20.0
48787 (2828624)	0.56	1900	9	5	22.8	1220	0.06	930	5.93	4.3	7.64	0.1	16	24.6
48788 (2828625)	0.88	1180	3	5	23.9	240	0.03	38	6.31	2.8	2.16	<0.1	13	32.1
48789 (2828626)	0.50	1870	15	5	23.6	1410	0.05	355	5.89	11.5	8.79	0.3	17	22.7
48790 (2828627)	3.85	3170	<2	1	6.2	1150	<0.01	26	1.46	19.1	5.26	<0.1	40	27.2
48791 (2828628)	4.31	5680	<2	<1	3.2	1700	0.02	12	0.65	30.4	5.39	0.2	38	25.8
48792 (2828629)	4.72	5750	<2	<1	3.5	1710	<0.01	14	0.64	26.7	5.63	<0.1	40	27.1
48793 (2828630)	2.71	5470	<2	<1	2.2	1210	<0.01	<5	0.47	26.4	1.49	<0.1	26	31.0
48794 (2828631)	4.73	5320	<2	<1	4.3	1610	<0.01	<5	0.91	7.6	1.40	2.0	39	30.7
48795 C-DUP (2828632)	4.46	5220	<2	<1	3.4	1570	<0.01	<5	0.67	5.9	1.35	<0.1	37	30.1
48796 (2828633)	4.24	4800	<2	<1	3.4	1850	<0.01	<5	0.63	5.0	1.38	<0.1	35	30.7
48797 (2828634)	5.62	4290	<2	<1	2.9	1990	<0.01	<5	0.56	6.0	1.25	0.2	36	30.5
48798 (2828635)	5.71	4190	<2	<1	3.3	1820	<0.01	<5	0.59	8.0	0.72	<0.1	34	30.1
48799 (2828636)	5.06	3970	<2	<1	2.8	1630	<0.01	<5	0.52	3.3	0.85	<0.1	38	31.3
48800 (2828637)	5.99	4220	<2	<1	2.9	1710	<0.01	<5	0.57	5.1	0.96	<0.1	41	28.6

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785142

PROJECT: 2021 SURIMEAU DDH BATCH 62

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
48751 (2828588)	1.8	10	585	<0.5	0.42	0.6	0.40	<0.5	0.29	1.16	235	<1	16.7	1.9
48752 (2828589)	4.3	<1	260	<0.5	0.60	5.1	0.22	<0.5	0.24	1.15	42	<1	16.1	1.5
48753 (2828590)	1.3	9	562	<0.5	0.39	0.2	0.34	<0.5	0.28	0.68	258	<1	15.3	1.8
48754 (2828591)	1.3	9	391	<0.5	0.34	0.1	0.34	<0.5	0.26	0.58	281	<1	15.5	1.9
48755 (2828592)	1.4	9	365	<0.5	0.39	0.1	0.33	<0.5	0.29	0.52	268	<1	16.4	1.8
48756 (2828593)	1.4	6	277	<0.5	0.39	0.1	0.35	<0.5	0.25	0.41	271	<1	15.6	1.9
48757 (2828594)	1.6	9	450	<0.5	0.42	0.2	0.32	<0.5	0.25	0.93	289	<1	14.4	1.8
48758 (2828595)	2.5	5	364	<0.5	0.50	1.3	0.36	<0.5	0.29	0.86	248	<1	17.0	1.8
48759 (2828596)	1.3	7	179	<0.5	0.43	<0.1	0.34	<0.5	0.28	0.46	287	<1	15.7	1.9
48760 (2828597)	1.5	7	159	<0.5	0.39	<0.1	0.32	<0.5	0.29	0.40	276	<1	15.2	1.8
48761 (2828598)	2.4	4	285	<0.5	0.51	1.2	0.33	<0.5	0.44	0.80	188	<1	22.5	3.0
48762 C-DUP (2828599)	2.2	4	288	<0.5	0.51	1.1	0.33	<0.5	0.44	0.78	188	<1	22.3	2.9
48763 (2828600)	1.4	4	217	<0.5	0.38	0.1	0.28	<0.5	0.36	0.48	207	<1	17.2	2.2
48764 (2828601)	1.2	4	140	<0.5	0.39	<0.1	0.31	<0.5	0.27	0.27	235	<1	15.4	1.7
48765 (2828602)	1.4	4	143	<0.5	0.38	<0.1	0.33	<0.5	0.28	0.30	229	<1	14.5	1.7
48766 (2828603)	1.2	3	146	<0.5	0.38	0.1	0.30	<0.5	0.32	0.25	212	<1	16.6	2.0
48767 (2828604)	1.3	3	82.4	<0.5	0.38	<0.1	0.32	1.4	0.27	0.15	251	<1	14.2	1.7
48768 (2828605)	1.3	<1	63.6	<0.5	0.44	0.1	0.38	6.3	0.32	0.17	282	<1	16.5	1.9
48769 (2828606)	1.3	1	80.3	<0.5	0.36	<0.1	0.34	2.4	0.28	0.18	248	<1	14.5	1.7
48770 (2828607)	1.5	<1	88.6	<0.5	0.39	0.1	0.31	1.9	0.26	0.17	239	<1	14.6	1.8
48771 (2828608)	1.2	<1	87.0	<0.5	0.34	0.1	0.32	2.5	0.26	0.24	227	<1	12.9	1.6
48772 (2828609)	<0.1	<1	142	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.44	<5	20	<0.5	<0.1
48773 (2828610)	1.4	2	60.5	<0.5	0.37	0.1	0.32	2.1	0.23	0.17	251	<1	14.4	1.6
48774 (2828611)	1.3	<1	23.0	<0.5	0.37	0.1	0.35	1.9	0.26	0.16	256	<1	15.0	1.6
48775 (2828612)	1.3	<1	30.6	<0.5	0.38	0.1	0.33	0.9	0.28	0.13	242	<1	14.6	1.7
48776 (2828613)	1.2	<1	28.4	<0.5	0.36	<0.1	0.29	<0.5	0.28	0.13	218	<1	13.9	1.6
48777 (2828614)	1.3	<1	39.8	<0.5	0.30	0.1	0.27	<0.5	0.20	0.14	201	<1	11.1	1.4
48778 (2828615)	1.2	<1	50.4	<0.5	0.33	<0.1	0.28	<0.5	0.23	0.15	204	<1	12.2	1.4
48779 (2828616)	1.0	<1	44.8	<0.5	0.31	<0.1	0.30	<0.5	0.24	0.16	215	<1	12.8	1.5
48780 (2828617)	1.1	<1	67.2	<0.5	0.30	<0.1	0.27	<0.5	0.21	0.14	204	<1	12.3	1.5
48781 (2828618)	1.1	2	129	<0.5	0.29	<0.1	0.24	<0.5	0.21	0.14	186	<1	11.4	1.3
48782 (2828619)	1.1	2	194	<0.5	0.30	<0.1	0.23	0.9	0.21	0.23	169	<1	12.0	1.3

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785142

PROJECT: 2021 SURIMEAU DDH BATCH 62

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
48783 (2828620)	1.3	<1	198	<0.5	0.31	<0.1	0.24	1.0	0.26	0.13	178	<1	15.6	1.6
48784 (2828621)	1.2	3	122	<0.5	0.35	0.1	0.27	1.2	0.24	0.16	200	<1	14.7	1.7
48785 (2828622)	2.0	12	107	<0.5	0.50	0.6	0.32	1.4	0.40	0.37	180	<1	19.1	2.6
48786 (2828623)	4.3	14	176	<0.5	0.55	3.3	0.22	<0.5	0.37	1.13	44	<1	20.1	2.3
48787 (2828624)	4.5	22	142	<0.5	0.59	4.9	0.32	<0.5	0.27	1.53	90	<1	17.0	2.0
48788 (2828625)	4.1	11	120	<0.5	0.46	7.2	0.30	<0.5	0.21	2.33	96	<1	12.7	1.4
48789 (2828626)	5.1	19	130	<0.5	0.64	7.3	0.35	<0.5	0.36	1.86	104	1	20.6	2.4
48790 (2828627)	2.1	14	113	<0.5	0.46	0.4	0.33	0.9	0.32	0.34	283	<1	17.2	2.1
48791 (2828628)	1.3	10	108	<0.5	0.31	<0.1	0.31	1.7	0.23	0.12	220	<1	13.2	1.5
48792 (2828629)	1.3	9	113	<0.5	0.35	0.1	0.31	1.5	0.21	0.12	239	<1	13.3	1.5
48793 (2828630)	1.0	2	73.0	<0.5	0.22	<0.1	0.20	1.9	0.19	0.11	154	<1	10.6	1.1
48794 (2828631)	2.3	1	59.2	<0.5	0.46	0.2	0.31	0.6	0.35	0.25	231	<1	14.5	1.9
48795 C-DUP (2828632)	1.2	<1	57.8	<0.5	0.38	<0.1	0.30	<0.5	0.24	0.13	222	<1	13.8	1.6
48796 (2828633)	1.3	<1	70.8	<0.5	0.31	<0.1	0.28	<0.5	0.25	0.12	207	<1	13.5	1.6
48797 (2828634)	1.1	1	66.6	<0.5	0.34	<0.1	0.28	<0.5	0.23	0.14	212	<1	12.3	1.5
48798 (2828635)	1.4	2	116	<0.5	0.31	0.1	0.28	<0.5	0.23	0.13	200	<1	12.7	1.5
48799 (2828636)	1.2	2	100	<0.5	0.33	<0.1	0.29	<0.5	0.21	0.17	226	<1	12.7	1.4
48800 (2828637)	1.2	1	76.4	<0.5	0.34	<0.1	0.32	<0.5	0.25	0.15	246	<1	13.6	1.6

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785142

PROJECT: 2021 SURIMEAU DDH BATCH 62

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
48751 (2828588)	441	27.7
48752 (2828589)	26	188
48753 (2828590)	484	27.5
48754 (2828591)	549	27.7
48755 (2828592)	542	27.5
48756 (2828593)	565	29.7
48757 (2828594)	511	32.1
48758 (2828595)	415	43.7
48759 (2828596)	460	30.5
48760 (2828597)	467	28.3
48761 (2828598)	243	35.9
48762 C-DUP (2828599)	239	37.6
48763 (2828600)	261	25.1
48764 (2828601)	272	26.4
48765 (2828602)	275	26.1
48766 (2828603)	259	26.1
48767 (2828604)	295	28.2
48768 (2828605)	166	32.2
48769 (2828606)	209	30.0
48770 (2828607)	177	27.2
48771 (2828608)	189	27.1
48772 (2828609)	15	0.6
48773 (2828610)	391	29.1
48774 (2828611)	277	30.7
48775 (2828612)	137	29.1
48776 (2828613)	107	26.1
48777 (2828614)	77	24.4
48778 (2828615)	90	24.0
48779 (2828616)	89	24.1
48780 (2828617)	69	22.6
48781 (2828618)	88	20.5
48782 (2828619)	116	20.2

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785142

PROJECT: 2021 SURIMEAU DDH BATCH 62

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
48783 (2828620)	127	19.8
48784 (2828621)	120	29.2
48785 (2828622)	1480	54.3
48786 (2828623)	13300	113
48787 (2828624)	17800	121
48788 (2828625)	2950	118
48789 (2828626)	23106	131
48790 (2828627)	2630	37.6
48791 (2828628)	118	25.1
48792 (2828629)	144	24.7
48793 (2828630)	63	16.6
48794 (2828631)	108	24.3
48795 C-DUP (2828632)	105	23.7
48796 (2828633)	114	22.8
48797 (2828634)	86	21.8
48798 (2828635)	89	21.4
48799 (2828636)	83	23.7
48800 (2828637)	83	26.5

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785142

PROJECT: 2021 SURIMEAU DDH BATCH 62

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
48751 (2828588)	79.73
48770 (2828607)	75.93
48790 (2828627)	75.67

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785142

PROJECT: 2021 SURIMEAU DDH BATCH 62

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
48751 (2828588)	87.18
48770 (2828607)	87.81
48790 (2828627)	86.96

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O785142

PROJECT: 2021 SURIMEAU DDH BATCH 62

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2828588	< 1	1		2828602	< 1	< 1	0.0%	2828613	< 1	1		2828628	< 1	< 1	0.0%
Al	2828588	6.52	6.45	1.1%	2828602	5.70	5.62	1.4%	2828613	5.37	5.46	1.7%	2828628	5.58	5.64	1.1%
As	2828588	< 5	< 5	0.0%	2828602	< 5	< 5	0.0%	2828613	< 5	< 5	0.0%	2828628	< 5	< 5	0.0%
B	2828588	< 20	< 20	0.0%	2828602	< 20	< 20	0.0%	2828613	< 20	< 20	0.0%	2828628	< 20	< 20	0.0%
Ba	2828588	108	103	4.7%	2828602	86.3	88.1	2.1%	2828613	36.7	36.3	1.1%	2828628	414	409	1.2%
Be	2828588	11	11	0.0%	2828602	< 5	< 5	0.0%	2828613	< 5	< 5	0.0%	2828628	< 5	< 5	0.0%
Bi	2828588	1.1	1.1	0.0%	2828602	2.68	2.54	5.4%	2828613	0.3	0.3	0.0%	2828628	0.4	0.4	0.0%
Ca	2828588	6.45	6.59	2.1%	2828602	7.43	7.34	1.2%	2828613	5.08	5.15	1.4%	2828628	6.01	6.05	0.7%
Cd	2828588	0.6	0.6	0.0%	2828602	0.27	0.23	16.0%	2828613	< 0.2	< 0.2	0.0%	2828628	< 0.2	< 0.2	0.0%
Ce	2828588	8.6	8.2	4.8%	2828602	4.0	3.8	5.1%	2828613	4.0	3.8	5.1%	2828628	3.6	3.6	0.0%
Co	2828588	98.9	118	17.6%	2828602	178	178	0.0%	2828613	197	190	3.6%	2828628	134	126	6.2%
Cr	2828588	0.397	0.420	5.6%	2828602	0.406	0.404	0.5%	2828613	0.383	0.390	1.8%	2828628	0.402	0.404	0.5%
Cs	2828588	0.2	0.1		2828602	< 0.1	< 0.1	0.0%	2828613	1.4	1.3	7.4%	2828628	0.91	0.98	7.4%
Cu	2828588	198	264	28.6%	2828602	82	79	3.7%	2828613	100	97	3.0%	2828628	481	482	0.2%
Dy	2828588	3.17	2.84	11.0%	2828602	2.54	2.48	2.4%	2828613	2.42	2.48	2.4%	2828628	2.37	2.46	3.7%
Er	2828588	1.84	2.07	11.8%	2828602	1.63	1.55	5.0%	2828613	1.86	1.58	16.3%	2828628	1.49	1.75	16.0%
Eu	2828588	0.809	0.792	2.1%	2828602	0.654	0.664	1.5%	2828613	0.64	0.58	9.8%	2828628	0.60	0.70	15.4%
Fe	2828588	9.57	10.2	6.4%	2828602	10.2	10.1	1.0%	2828613	10.7	10.9	1.9%	2828628	9.76	9.81	0.5%
Ga	2828588	16.6	18.8	12.4%	2828602	14.6	13.9	4.9%	2828613	10.4	12.1	15.1%	2828628	13.4	13.3	0.7%
Gd	2828588	2.38	2.47	3.7%	2828602	2.02	1.91	5.6%	2828613	1.97	1.94	1.5%	2828628	1.76	1.63	7.7%
Ge	2828588	3	4	28.6%	2828602	4	3	28.6%	2828613	3	3	0.0%	2828628	4	5	22.2%
Hf	2828588	< 1	< 1	0.0%	2828602	1	< 1		2828613	< 1	< 1	0.0%	2828628	< 1	< 1	0.0%
Ho	2828588	0.65	0.64	1.6%	2828602	0.523	0.560	6.8%	2828613	0.570	0.551	3.4%	2828628	0.520	0.481	7.8%
In	2828588	0.3	0.3	0.0%	2828602	< 0.2	< 0.2	0.0%	2828613	< 0.2	< 0.2	0.0%	2828628	< 0.2	< 0.2	0.0%
K	2828588	0.26	0.27	3.8%	2828602	0.163	0.155	5.0%	2828613	0.340	0.334	1.8%	2828628	0.67	0.67	0.0%
La	2828588	3.88	3.74	3.7%	2828602	1.83	1.64	11.0%	2828613	1.65	1.53	7.5%	2828628	1.6	1.6	0.0%
Li	2828588	24	26	8.0%	2828602	19	19	0.0%	2828613	52	52	0.0%	2828628	38	38	0.0%
Lu	2828588	0.28	0.28	0.0%	2828602	0.250	0.279	11.0%	2828613	0.26	0.26	0.0%	2828628	0.28	0.22	24.0%
Mg	2828588	4.70	4.79	1.9%	2828602	4.31	4.39	1.8%	2828613	4.14	4.17	0.7%	2828628	4.31	4.33	0.5%
Mn	2828588	3290	3410	3.6%	2828602	5410	5350	1.1%	2828613	4790	4850	1.2%	2828628	5680	5740	1.1%
Mo	2828588	1050	857	20.2%	2828602	2	3		2828613	< 2	< 2	0.0%	2828628	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Nb	2828588	6	6	0.0%	2828602	2	2	0.0%	2828613	< 1	< 1	0.0%	2828628	< 1	< 1	0.0%
Nd	2828588	5.5	5.7	3.6%	2828602	3.3	3.3	0.0%	2828613	3.2	3.4	6.1%	2828628	3.2	3.1	3.2%
Ni	2828588	1410	1780	23.2%	2828602	2820	2890	2.5%	2828613	2530	2560	1.2%	2828628	1700	1680	1.2%
P	2828588	0.113	0.118	4.3%	2828602	0.01	< 0.01		2828613	< 0.01	< 0.01	0.0%	2828628	0.02	< 0.01	
Pb	2828588	8	8	0.0%	2828602	8	8	0.0%	2828613	< 5	< 5	0.0%	2828628	12	12	0.0%
Pr	2828588	1.23	1.26	2.4%	2828602	0.662	0.633	4.5%	2828613	0.68	0.70	2.9%	2828628	0.647	0.639	1.2%
Rb	2828588	4.95	4.26	15.0%	2828602	2.1	2.4	13.3%	2828613	8.4	7.8	7.4%	2828628	30.4	29.5	3.0%
S	2828588	0.81	0.92	12.7%	2828602	1.06	1.08	1.9%	2828613	0.691	0.674	2.5%	2828628	5.39	5.34	0.9%
Sb	2828588	< 0.1	< 0.1	0.0%	2828602	< 0.1	< 0.1	0.0%	2828613	< 0.1	< 0.1	0.0%	2828628	0.2	< 0.1	
Sc	2828588	38	39	2.6%	2828602	40	41	2.5%	2828613	37	38	2.7%	2828628	38	38	0.0%
Si	2828588	24.2	24.3	0.4%	2828602	25.6	25.3	1.2%	2828613	26.6	26.4	0.8%	2828628	25.8	26.5	2.7%
Sm	2828588	1.82	1.87	2.7%	2828602	1.4	1.2	15.4%	2828613	1.16	1.08	7.1%	2828628	1.26	1.13	10.9%
Sn	2828588	10	9	10.5%	2828602	4	4	0.0%	2828613	< 1	< 1	0.0%	2828628	10	10	0.0%
Sr	2828588	585	553	5.6%	2828602	143	141	1.4%	2828613	28.4	30.3	6.5%	2828628	108	109	0.9%
Ta	2828588	< 0.5	< 0.5	0.0%	2828602	< 0.5	< 0.5	0.0%	2828613	< 0.5	< 0.5	0.0%	2828628	< 0.5	< 0.5	0.0%
Tb	2828588	0.42	0.42	0.0%	2828602	0.377	0.321	16.0%	2828613	0.358	0.353	1.4%	2828628	0.313	0.321	2.5%
Th	2828588	0.6	0.6	0.0%	2828602	< 0.1	< 0.1	0.0%	2828613	< 0.1	0.1		2828628	< 0.1	< 0.1	0.0%
Ti	2828588	0.398	0.405	1.7%	2828602	0.326	0.320	1.9%	2828613	0.29	0.29	0.0%	2828628	0.31	0.31	0.0%
Tl	2828588	< 0.5	< 0.5	0.0%	2828602	< 0.5	< 0.5	0.0%	2828613	< 0.5	< 0.5	0.0%	2828628	1.7	1.7	0.0%
Tm	2828588	0.294	0.333	12.4%	2828602	0.276	0.265	4.1%	2828613	0.28	0.24	15.4%	2828628	0.23	0.20	14.0%
U	2828588	1.16	1.16	0.0%	2828602	0.30	0.27	10.5%	2828613	0.132	0.136	3.0%	2828628	0.121	0.145	18.0%
V	2828588	235	242	2.9%	2828602	229	230	0.4%	2828613	218	224	2.7%	2828628	220	220	0.0%
W	2828588	< 1	< 1	0.0%	2828602	< 1	< 1	0.0%	2828613	< 1	< 1	0.0%	2828628	< 1	< 1	0.0%
Y	2828588	16.7	17.5	4.7%	2828602	14.5	14.5	0.0%	2828613	13.9	13.6	2.2%	2828628	13.2	12.8	3.1%
Yb	2828588	1.9	1.9	0.0%	2828602	1.7	1.6	6.1%	2828613	1.6	1.6	0.0%	2828628	1.5	1.5	0.0%
Zn	2828588	441	457	3.6%	2828602	275	273	0.7%	2828613	107	102	4.8%	2828628	118	120	1.7%
Zr	2828588	27.7	29.5	6.3%	2828602	26.1	26.8	2.6%	2828613	26.1	24.6	5.9%	2828628	25.1	25.4	1.2%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O785142

PROJECT: 2021 SURIMEAU DDH BATCH 62

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.18	97%	90% - 110%					6.94	6.88	99%	90% - 110%	13.0	12.4	95%	90% - 110%
As	26	25	96%	90% - 110%												
Ba	540	493	91%	90% - 110%									1310	1243	95%	90% - 110%
Be	4.0	2.8	71%	90% - 110%												
Ca	0.907	0.93	103%	90% - 110%					4.01	4.01	100%	90% - 110%	1.42	1.4	99%	90% - 110%
Ce	98	99	101%	90% - 110%	58.2	62.6	108%	90% - 110%								
Co	15	14	91%	90% - 110%												
Cu	150	155	103%	90% - 110%												
Er	3.7	4	107%	90% - 110%												
Fe	3.77	3.86	102%	90% - 110%					7.56	7.68	102%	90% - 110%	3.27	3.25	99%	90% - 110%
Ga					22.6	25.7	114%	90% - 110%								
Hf	11	9	85%	90% - 110%												
K	2.55	2.43	95%	90% - 110%					2.02	1.98	98%	90% - 110%	3.68	3.59	98%	90% - 110%
La	44	44	100%	90% - 110%	27.5	29.3	107%	90% - 110%								
Li	47	49	105%	90% - 110%									65.0	69.2	107%	90% - 110%
Lu	0.6	0.6	95%	90% - 110%												
Mg	1.1	1.1	97%	90% - 110%					2.41	2.36	98%	90% - 110%				
Mn	780	761	98%	90% - 110%												
Mo	14	13	95%	90% - 110%												
Nb	20	18	91%	90% - 110%	22.6	22.7	100%	90% - 110%								
Nd					27.3	29.8	109%	90% - 110%								
Ni	32	37	115%	90% - 110%												
P													0.061	0.052	84%	90% - 110%
Pb	31	29	95%	90% - 110%												
Rb	144	140	97%	90% - 110%	85.4	88.7	104%	90% - 110%								
Sb	0.8	0.8	99%	90% - 110%												
Sc	12	12	99%	90% - 110%												
Si	28.4	30	106%	90% - 110%					23.65	25.31	107%	90% - 110%	24.4	25.5	105%	90% - 110%
Sm	7.4	8.3	112%	90% - 110%												
Sr	144	155	108%	90% - 110%									310	316	102%	90% - 110%
Ta	1.9	1.7	89%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Tb	1.2	1.1	91%	90% - 110%												
Th	18.4	19.4	105%	90% - 110%												
Ti	0.527	0.513	97%	90% - 110%									0.222	0.209	94%	90% - 110%
U	5.7	5.8	101%	90% - 110%												
V	77	77	100%	90% - 110%												
W	5	5	96%	90% - 110%												
Y	40	34	86%	90% - 110%	25.3	25.9	102%	90% - 110%								
Yb					2.66	3.02	114%	90% - 110%								
Zn	130	117	90%	90% - 110%									75.4	75.4	100%	90% - 110%
Zr	390	346	89%	90% - 110%	157	148	94%	90% - 110%								

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O785142

PROJECT: 2021 SURIMEAU DDH BATCH 62

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O785142

PROJECT: 2021 SURIMEAU DDH BATCH 62

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O785142

PROJECT: 2021 SURIMEAU DDH BATCH 62

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 SURIMEAU DDH BATCH 63

AGAT WORK ORDER: 21O785146

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 21, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

Disclaimer:

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project Manager if you require additional sample storage time.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
- The test results reported herewith relate only to the samples as received by the laboratory.
- Measurement Uncertainty is not taken into consideration when stating conformity with a specified requirement.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785146

PROJECT: 2021 SURIMEAU DDH BATCH 63

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
48801 (2828535)	2.35
48802 (2828536)	0.83
48803 (2828537)	2.05
48804 (2828538)	3.25
48805 (2828539)	0.06
48806 (2828540)	3.17
48807 (2828541)	2.47
48808 (2828542)	1.51
48809 (2828543)	1.84
48810 (2828544)	3.03
48811 (2828545)	2.12
48812 C-DUP (2828546)	-
48813 (2828547)	2.30
48814 (2828548)	1.03
48815 (2828549)	0.74
48816 (2828550)	1.99
48817 (2828551)	2.21
48818 (2828552)	2.14
48819 (2828553)	3.20
48820 (2828554)	3.19
48821 (2828555)	3.19
48822 (2828556)	0.58
48823 (2828557)	3.50
48824 (2828558)	2.09
48825 (2828559)	1.28
48826 (2828560)	1.92
48827 (2828561)	2.43
48828 (2828562)	3.71
48829 (2828563)	1.95
48830 (2828564)	2.52
48831 (2828565)	3.05

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785146

PROJECT: 2021 SURIMEAU DDH BATCH 63

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
48832 (2828566)	3.38
48833 (2828567)	2.81
48834 (2828568)	1.78
48835 (2828569)	2.58
48836 (2828570)	2.66
48837 (2828571)	2.45
48838 (2828572)	2.34
48839 (2828573)	2.00
48840 (2828574)	2.86
48841 (2828575)	1.13
48842 (2828576)	1.20
48843 (2828577)	2.15
48844 (2828578)	1.68
48845 C-DUP (2828579)	-
48846 (2828580)	2.57
48847 (2828581)	1.79
48848 (2828582)	1.95
48849 (2828583)	2.08
48850 (2828584)	2.09

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785146

PROJECT: 2021 SURIMEAU DDH BATCH 63

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
48801 (2828535)	<1	5.32	<5	<20	54.6	<5	0.2	5.09	<0.2	3.1	124	0.382	2.6	120
48802 (2828536)	<1	0.02	<5	26	228	<5	<0.1	19.9	<0.2	0.6	<0.5	<0.005	0.2	<5
48803 (2828537)	<1	4.99	<5	<20	24.2	<5	0.3	5.90	<0.2	2.9	161	0.369	0.1	85
48804 (2828538)	<1	4.22	<5	<20	44.1	<5	0.3	7.20	<0.2	3.2	129	0.337	0.2	52
48805 (2828539)	3	0.95	25	77	53.0	<5	0.6	2.16	0.9	9.9	1080	0.019	0.5	14177
48806 (2828540)	<1	5.49	<5	<20	189	<5	0.2	5.74	0.2	36.9	96.9	0.225	3.3	97
48807 (2828541)	<1	5.47	<5	<20	192	<5	<0.1	5.86	0.2	67.0	45.5	0.097	3.8	74
48808 (2828542)	1	6.35	<5	<20	207	<5	<0.1	6.05	0.2	74.3	42.9	0.089	2.8	71
48809 (2828543)	<1	5.67	<5	<20	281	<5	0.3	3.85	<0.2	7.2	134	0.398	5.2	97
48810 (2828544)	<1	4.92	<5	<20	271	<5	0.1	3.30	0.2	2.9	112	0.365	3.1	71
48811 (2828545)	<1	5.31	<5	<20	354	<5	0.1	3.28	<0.2	2.5	111	0.373	4.4	87
48812 C-DUP (2828546)	<1	5.14	<5	<20	344	<5	<0.1	3.21	<0.2	2.6	108	0.379	4.4	85
48813 (2828547)	<1	5.16	<5	<20	364	<5	0.1	2.91	<0.2	2.6	104	0.367	4.7	302
48814 (2828548)	<1	5.28	<5	<20	453	<5	0.2	3.25	<0.2	3.0	132	0.385	2.5	661
48815 (2828549)	<1	5.13	<5	<20	374	<5	0.3	3.29	<0.2	2.9	113	0.375	2.5	565
48816 (2828550)	<1	5.54	<5	<20	885	<5	0.3	3.13	<0.2	2.9	143	0.397	3.1	666
48817 (2828551)	<1	5.06	<5	<20	437	<5	0.3	3.93	<0.2	3.8	119	0.344	0.9	647
48818 (2828552)	<1	6.27	<5	<20	1320	<5	0.5	3.13	<0.2	3.9	170	0.434	2.2	837
48819 (2828553)	<1	6.21	<5	<20	1000	<5	0.3	4.18	<0.2	4.2	119	0.364	1.2	703
48820 (2828554)	<1	5.97	<5	<20	968	<5	0.2	5.80	<0.2	4.4	130	0.321	0.7	992
48821 (2828555)	1	6.41	<5	<20	1340	<5	0.1	5.57	0.3	4.6	137	0.407	0.6	441
48822 (2828556)	<1	0.02	<5	<20	153	<5	<0.1	20.1	<0.2	0.4	<0.5	<0.005	0.2	<5
48823 (2828557)	<1	6.06	<5	<20	1550	<5	0.3	4.87	<0.2	9.3	163	0.394	0.5	910
48824 (2828558)	<1	6.55	<5	<20	1550	<5	0.5	3.29	<0.2	4.9	181	0.424	0.7	1220
48825 (2828559)	2	6.25	<5	<20	1160	<5	0.8	4.11	0.6	9.0	195	0.374	0.7	1480
48826 (2828560)	2	5.66	<5	<20	146	<5	1.0	5.91	16.3	29.5	134	0.074	0.2	887
48827 (2828561)	1	4.98	<5	23	693	<5	1.1	6.09	2.8	11.5	222	0.261	0.2	1100
48828 (2828562)	1	2.09	<5	38	79.5	<5	1.6	2.96	1.1	8.1	319	0.075	0.2	632
48829 (2828563)	<1	5.26	<5	<20	67.8	<5	1.7	4.01	23.9	32.6	159	0.036	0.2	853
48830 (2828564)	1	5.25	<5	<20	83.8	<5	2.1	5.92	41.7	45.7	137	0.034	0.3	658
48831 (2828565)	1	4.35	<5	<20	95.0	<5	1.0	4.82	7.2	24.0	157	0.061	0.2	765
48832 (2828566)	4	4.56	<5	21	256	<5	1.0	4.64	0.6	7.1	224	0.289	0.2	3880

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785146

PROJECT: 2021 SURIMEAU DDH BATCH 63

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
48833 (2828567)	2	5.29	<5	<20	154	<5	1.4	5.42	3.8	24.1	133	0.094	0.2	744
48834 (2828568)	3	5.78	<5	<20	149	<5	3.6	7.04	21.4	37.9	126	0.021	0.2	563
48835 (2828569)	4	5.76	<5	<20	164	<5	10.2	7.63	51.5	38.8	127	0.018	0.2	720
48836 (2828570)	7	5.89	<5	<20	136	<5	16.2	8.11	51.0	34.0	119	0.019	0.3	580
48837 (2828571)	3	6.11	<5	<20	215	<5	9.7	7.75	46.7	33.2	116	0.016	0.3	533
48838 (2828572)	3	6.37	<5	<20	234	<5	3.8	5.67	37.2	30.1	147	0.094	0.4	1460
48839 (2828573)	1	7.08	<5	<20	481	<5	1.5	5.98	<0.2	6.6	155	0.449	0.2	1010
48840 (2828574)	2	6.59	<5	<20	884	<5	0.9	4.57	0.3	5.7	133	0.395	0.3	355
48841 (2828575)	<1	6.00	<5	<20	976	<5	0.8	5.10	<0.2	4.8	127	0.406	0.2	421
48842 (2828576)	2	6.03	<5	<20	933	<5	0.8	5.01	0.2	4.5	125	0.377	0.2	461
48843 (2828577)	<1	5.20	<5	<20	1140	<5	2.3	3.37	<0.2	5.3	189	0.354	0.9	622
48844 (2828578)	<1	3.04	<5	52	137	<5	5.5	2.61	2.1	11.5	303	0.058	0.2	847
48845 C-DUP (2828579)	<1	3.02	<5	52	134	<5	5.3	2.79	1.9	10.9	308	0.055	0.2	907
48846 (2828580)	<1	7.31	<5	<20	1790	<5	1.4	8.82	<0.2	7.3	206	0.468	0.6	439
48847 (2828581)	<1	6.06	<5	<20	1300	<5	0.9	9.68	0.8	6.9	130	0.401	0.2	365
48848 (2828582)	1	3.88	<5	<20	648	<5	0.7	7.97	0.4	3.9	124	0.292	0.2	402
48849 (2828583)	<1	5.27	<5	<20	1810	<5	1.0	4.92	<0.2	3.9	171	0.409	0.2	504
48850 (2828584)	<1	4.66	<5	<20	815	<5	0.9	8.52	<0.2	4.1	152	0.400	0.3	575

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785146

PROJECT: 2021 SURIMEAU DDH BATCH 63

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
48801 (2828535)	2.59	1.87	0.53	10.0	15.6	1.96	2	<1	0.57	<0.2	0.35	1.3	47	0.25
48802 (2828536)	0.06	<0.05	0.05	0.06	0.37	<0.05	<1	<1	<0.05	<0.2	<0.05	0.4	<10	<0.05
48803 (2828537)	2.42	1.51	0.38	8.00	13.0	1.81	2	<1	0.46	<0.2	0.14	1.2	14	0.23
48804 (2828538)	1.82	1.32	0.32	7.78	12.6	1.59	3	<1	0.39	<0.2	0.21	1.5	14	0.19
48805 (2828539)	0.89	0.55	0.21	31.0	3.64	1.02	<1	<1	0.19	<0.2	0.10	5.3	<10	0.07
48806 (2828540)	2.90	1.73	1.13	8.09	16.3	3.93	3	2	0.57	<0.2	0.71	15.6	65	0.24
48807 (2828541)	3.16	1.69	1.69	5.99	15.0	4.91	3	3	0.57	0.3	0.83	30.3	54	0.24
48808 (2828542)	3.49	1.73	1.89	6.38	17.6	5.82	3	4	0.68	<0.2	0.84	31.7	65	0.24
48809 (2828543)	2.38	1.46	0.48	8.63	16.7	2.02	2	1	0.53	<0.2	1.59	3.1	114	0.24
48810 (2828544)	2.03	1.33	0.32	7.27	12.5	1.53	2	<1	0.46	<0.2	1.35	1.3	89	0.16
48811 (2828545)	2.08	1.48	0.48	7.81	13.1	1.58	2	<1	0.45	<0.2	1.41	1.0	80	0.22
48812 C-DUP (2828546)	1.96	1.37	0.38	7.71	13.3	1.53	2	<1	0.45	<0.2	1.34	1.0	79	0.20
48813 (2828547)	1.91	1.31	0.27	7.65	12.4	1.53	2	<1	0.43	<0.2	1.60	1.0	89	0.21
48814 (2828548)	2.22	1.53	0.29	9.52	13.2	1.59	3	<1	0.48	<0.2	1.29	1.1	78	0.21
48815 (2828549)	2.11	1.47	0.31	8.24	12.7	1.75	2	<1	0.49	<0.2	1.19	1.0	74	0.18
48816 (2828550)	2.28	1.71	0.44	10.5	13.8	1.60	2	<1	0.51	<0.2	1.71	1.3	95	0.21
48817 (2828551)	2.42	1.61	0.39	8.67	12.2	1.98	2	<1	0.57	<0.2	0.66	1.7	28	0.20
48818 (2828552)	2.64	1.84	0.57	13.2	16.1	1.95	2	1	0.54	<0.2	2.40	1.5	82	0.25
48819 (2828553)	2.53	1.73	0.38	9.10	15.1	2.07	3	<1	0.53	<0.2	2.08	1.9	44	0.26
48820 (2828554)	2.75	1.87	0.60	10.1	13.3	2.30	2	<1	0.56	<0.2	2.25	1.8	24	0.24
48821 (2828555)	2.75	1.99	0.55	7.17	16.1	2.16	1	1	0.66	<0.2	2.14	2.0	17	0.27
48822 (2828556)	<0.05	<0.05	<0.05	0.06	0.38	<0.05	<1	<1	<0.05	<0.2	<0.05	0.3	<10	<0.05
48823 (2828557)	2.43	1.63	0.88	11.3	13.7	2.32	2	<1	0.54	<0.2	1.16	4.1	13	0.24
48824 (2828558)	2.35	1.75	0.46	11.6	19.2	1.70	2	1	0.52	<0.2	1.55	2.3	23	0.26
48825 (2828559)	2.91	1.99	0.68	13.5	23.8	2.33	2	1	0.64	<0.2	1.15	4.6	18	0.28
48826 (2828560)	4.85	3.34	1.56	10.9	19.8	3.97	2	4	1.09	2.5	0.21	12.0	<10	0.58
48827 (2828561)	3.03	2.05	0.64	16.9	16.4	2.72	1	1	0.64	0.4	0.55	4.9	<10	0.32
48828 (2828562)	1.72	1.09	0.37	21.2	6.57	1.65	<1	<1	0.39	<0.2	0.19	3.7	<10	0.20
48829 (2828563)	4.46	3.05	1.13	12.7	17.7	3.97	2	4	0.96	3.6	0.14	13.9	<10	0.54
48830 (2828564)	3.52	2.15	1.34	11.3	18.0	3.91	2	3	0.74	6.5	0.19	20.6	<10	0.32
48831 (2828565)	4.42	3.05	0.95	12.9	12.8	3.51	2	3	1.03	1.0	0.15	10.2	<10	0.59
48832 (2828566)	3.16	1.81	1.07	18.0	14.3	2.53	<1	<1	0.67	<0.2	0.14	3.0	<10	0.25

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785146

PROJECT: 2021 SURIMEAU DDH BATCH 63

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
48833 (2828567)	5.58	4.29	1.07	11.5	15.1	4.17	2	3	1.25	0.5	0.15	9.4	<10	0.83
48834 (2828568)	5.35	3.76	1.41	10.8	17.2	4.88	2	4	1.20	3.6	0.32	16.2	<10	0.56
48835 (2828569)	3.46	2.02	1.78	10.3	16.9	3.58	2	3	0.67	9.5	0.41	17.1	<10	0.25
48836 (2828570)	2.88	1.67	1.71	9.18	20.2	3.54	2	3	0.60	10.3	0.41	15.6	<10	0.20
48837 (2828571)	3.20	1.75	2.13	8.71	17.9	3.75	3	3	0.65	9.9	0.60	15.1	<10	0.27
48838 (2828572)	3.54	2.45	1.78	11.8	16.5	3.46	2	3	0.75	6.6	0.40	12.8	<10	0.39
48839 (2828573)	3.07	2.24	0.90	9.07	16.5	2.45	1	1	0.66	<0.2	0.25	2.9	<10	0.27
48840 (2828574)	2.89	1.89	0.54	8.34	14.2	2.18	2	1	0.68	<0.2	0.33	2.4	11	0.28
48841 (2828575)	2.85	1.97	0.48	8.99	13.4	2.21	2	<1	0.63	<0.2	0.33	2.1	11	0.26
48842 (2828576)	2.53	1.74	0.43	8.98	13.4	2.13	2	<1	0.59	<0.2	0.33	1.9	12	0.24
48843 (2828577)	2.34	1.51	0.51	10.1	13.5	1.92	1	<1	0.52	<0.2	0.62	2.4	19	0.22
48844 (2828578)	2.09	1.49	0.61	25.0	6.93	1.62	<1	<1	0.45	0.3	0.19	5.5	12	0.24
48845 C-DUP (2828579)	1.96	1.27	0.51	24.7	6.58	1.59	<1	<1	0.46	0.3	0.19	5.1	13	0.28
48846 (2828580)	3.49	2.21	0.65	7.34	18.6	2.98	1	1	0.75	<0.2	0.81	3.2	19	0.34
48847 (2828581)	3.08	2.06	0.74	7.23	13.0	2.47	2	1	0.67	<0.2	0.66	3.6	<10	0.28
48848 (2828582)	2.00	1.43	0.45	8.41	8.86	1.63	1	<1	0.44	<0.2	0.17	2.0	<10	0.22
48849 (2828583)	2.23	1.72	0.41	11.0	12.4	1.47	2	<1	0.52	<0.2	0.34	1.7	<10	0.24
48850 (2828584)	2.45	1.66	0.52	10.2	10.3	1.80	2	<1	0.54	<0.2	0.19	1.9	10	0.26

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785146

PROJECT: 2021 SURIMEAU DDH BATCH 63

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
48801 (2828535)	5.72	4170	3	<1	3.0	1460	<0.01	<5	0.55	10.5	1.21	<0.1	38	25.0
48802 (2828536)	13.0	372	<2	<1	0.2	<5	<0.01	<5	0.05	0.4	0.26	<0.1	<5	8.22
48803 (2828537)	4.23	3550	<2	<1	3.0	2070	<0.01	<5	0.50	2.0	1.46	<0.1	36	27.2
48804 (2828538)	4.29	4240	<2	<1	2.6	1640	<0.01	<5	0.50	5.2	1.86	<0.1	30	27.8
48805 (2828539)	1.60	509	<2	<1	4.9	21344	<0.01	36	1.26	3.5	18.9	0.2	6	6.77
48806 (2828540)	6.23	2710	<2	3	19.6	1180	0.07	7	4.82	25.0	2.08	<0.1	29	24.0
48807 (2828541)	6.59	1490	<2	4	35.6	272	0.13	9	8.23	33.5	1.14	<0.1	24	25.3
48808 (2828542)	6.12	1850	<2	5	38.0	223	0.15	11	9.38	34.0	1.80	<0.1	24	25.3
48809 (2828543)	5.75	3160	<2	<1	5.0	1810	<0.01	5	1.09	79.5	3.12	<0.1	38	24.2
48810 (2828544)	4.60	2780	<2	<1	2.6	1610	<0.01	<5	0.47	62.4	2.52	<0.1	34	27.3
48811 (2828545)	4.49	2750	<2	<1	2.4	1350	<0.01	5	0.39	81.5	3.80	0.1	36	28.8
48812 C-DUP (2828546)	4.42	2710	<2	<1	2.6	1330	<0.01	5	0.42	80.7	3.76	<0.1	35	28.1
48813 (2828547)	4.51	2550	<2	<1	2.2	1320	<0.01	6	0.40	98.1	3.66	<0.1	35	28.2
48814 (2828548)	4.12	2430	<2	<1	2.9	1550	<0.01	6	0.50	76.1	4.77	<0.1	36	26.1
48815 (2828549)	4.06	2410	<2	<1	2.7	1340	<0.01	6	0.48	75.2	4.12	<0.1	36	25.8
48816 (2828550)	4.26	2480	<2	<1	2.8	1690	<0.01	7	0.40	95.9	5.28	<0.1	37	25.4
48817 (2828551)	2.91	2180	<2	<1	3.2	1370	<0.01	7	0.59	34.1	4.62	<0.1	33	27.3
48818 (2828552)	3.15	2210	<2	1	3.4	1600	<0.01	13	0.67	103	7.04	<0.1	40	22.7
48819 (2828553)	3.04	2280	<2	1	3.3	1140	<0.01	14	0.70	74.4	4.81	<0.1	41	24.8
48820 (2828554)	2.83	3080	<2	<1	3.9	1190	<0.01	13	0.68	64.8	5.62	<0.1	41	24.1
48821 (2828555)	1.74	2210	<2	<1	4.3	1580	<0.01	20	0.70	61.1	4.16	<0.1	42	27.0
48822 (2828556)	13.1	424	<2	<1	0.2	<5	<0.01	<5	0.05	0.5	0.27	<0.1	<5	5.36
48823 (2828557)	1.43	2080	3	2	6.2	1530	<0.01	27	1.30	30.4	6.48	<0.1	40	23.5
48824 (2828558)	0.83	1310	<2	1	3.4	1950	<0.01	49	0.76	53.4	6.78	<0.1	42	25.1
48825 (2828559)	0.82	1600	<2	1	5.3	1920	<0.01	37	1.23	39.9	8.19	<0.1	38	23.3
48826 (2828560)	1.12	1580	6	5	17.2	969	0.03	30	3.89	4.6	7.00	<0.1	22	23.8
48827 (2828561)	0.85	1840	<2	2	7.3	1810	<0.01	26	1.53	13.8	10.3	<0.1	29	20.1
48828 (2828562)	0.32	894	2	1	4.8	2320	<0.01	16	1.09	4.9	12.9	<0.1	8	24.7
48829 (2828563)	0.85	1060	6	4	17.5	1070	0.02	57	4.12	2.3	8.13	<0.1	15	25.3
48830 (2828564)	0.90	1450	15	4	21.0	835	<0.01	69	5.38	3.6	7.85	<0.1	12	24.0
48831 (2828565)	0.69	1110	5	4	13.5	1080	0.01	28	3.17	2.3	7.80	<0.1	15	27.2
48832 (2828566)	0.55	1920	10	<1	5.4	1690	<0.01	12	1.06	3.3	11.1	<0.1	28	22.9

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785146

PROJECT: 2021 SURIMEAU DDH BATCH 63

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
48833 (2828567)	0.53	1200	8	5	15.0	911	0.03	34	3.18	3.2	6.89	<0.1	22	26.3
48834 (2828568)	0.57	1310	7	5	20.6	804	0.04	82	5.08	10.5	7.00	<0.1	17	20.2
48835 (2828569)	0.59	1510	11	5	19.9	755	0.02	291	4.89	15.1	7.56	<0.1	15	19.5
48836 (2828570)	0.48	1690	14	4	17.6	706	0.02	492	4.22	16.1	6.84	<0.1	13	19.8
48837 (2828571)	0.49	1530	14	5	18.0	668	0.03	250	4.34	22.0	6.35	<0.1	13	20.2
48838 (2828572)	0.74	1310	12	5	16.4	933	0.02	82	4.08	16.1	7.91	<0.1	21	21.1
48839 (2828573)	1.04	1940	2	2	4.6	1560	<0.01	41	0.88	7.6	4.97	<0.1	45	24.4
48840 (2828574)	2.12	1960	6	1	4.6	1410	<0.01	21	0.87	8.4	3.91	<0.1	42	27.3
48841 (2828575)	2.49	2230	28	1	3.8	1390	<0.01	20	0.70	7.5	4.34	<0.1	41	26.5
48842 (2828576)	2.47	2190	8	1	3.9	1290	<0.01	21	0.77	8.3	4.32	<0.1	39	26.1
48843 (2828577)	0.83	986	4	<1	4.2	1860	<0.01	36	0.78	27.5	5.50	<0.1	34	28.4
48844 (2828578)	0.63	765	7	1	6.3	2160	<0.01	34	1.51	6.8	14.6	<0.1	8	18.4
48845 C-DUP (2828579)	0.64	790	8	1	6.2	2190	<0.01	35	1.40	6.8	14.6	<0.1	8	18.0
48846 (2828580)	0.96	3300	3	1	5.1	2410	<0.01	46	1.00	27.5	3.96	<0.1	46	21.5
48847 (2828581)	0.92	3700	3	<1	4.9	1560	<0.01	27	0.99	14.9	4.00	<0.1	39	22.2
48848 (2828582)	0.95	3960	4	<1	3.0	1360	<0.01	11	0.56	3.8	4.45	<0.1	26	26.3
48849 (2828583)	1.98	2440	3	<1	3.4	1840	<0.01	17	0.62	7.2	5.72	<0.1	40	25.7
48850 (2828584)	1.75	4170	3	<1	3.7	1600	<0.01	15	0.65	4.2	5.28	<0.1	38	22.9

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785146

PROJECT: 2021 SURIMEAU DDH BATCH 63

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
48801 (2828535)	1.1	1	65.2	<0.5	0.33	0.1	0.30	<0.5	0.26	<0.05	226	<1	14.1	1.7
48802 (2828536)	<0.1	<1	142	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.21	<5	<1	<0.5	<0.1
48803 (2828537)	1.3	4	105	<0.5	0.31	<0.1	0.27	<0.5	0.23	<0.05	215	<1	12.8	1.5
48804 (2828538)	0.7	8	97.6	<0.5	0.24	<0.1	0.23	<0.5	0.17	<0.05	174	<1	10.9	1.1
48805 (2828539)	1.0	1	29.2	<0.5	0.13	0.9	0.10	<0.5	0.06	0.19	54	4	4.4	0.5
48806 (2828540)	4.3	9	215	<0.5	0.56	2.2	0.36	0.9	0.22	0.62	196	<1	15.5	1.5
48807 (2828541)	7.0	6	287	<0.5	0.63	4.1	0.41	1.0	0.25	1.29	208	<1	15.7	1.5
48808 (2828542)	7.6	8	300	<0.5	0.65	4.9	0.46	1.3	0.25	1.41	181	<1	17.6	1.6
48809 (2828543)	1.3	6	122	<0.5	0.36	0.8	0.32	3.5	0.22	0.15	238	<1	13.9	1.5
48810 (2828544)	0.9	2	83.2	<0.5	0.29	<0.1	0.27	2.6	0.17	<0.05	204	<1	11.9	1.2
48811 (2828545)	1.0	<1	96.6	<0.5	0.29	<0.1	0.29	3.3	0.22	<0.05	219	<1	12.0	1.5
48812 C-DUP (2828546)	0.9	<1	93.8	<0.5	0.30	<0.1	0.28	3.2	0.21	<0.05	218	<1	12.5	1.4
48813 (2828547)	1.0	<1	78.7	<0.5	0.30	<0.1	0.28	4.6	0.21	<0.05	215	<1	11.9	1.5
48814 (2828548)	1.0	<1	83.6	<0.5	0.31	<0.1	0.29	3.2	0.21	<0.05	224	<1	13.2	1.5
48815 (2828549)	1.0	<1	80.1	<0.5	0.31	<0.1	0.28	3.2	0.20	<0.05	221	<1	12.8	1.4
48816 (2828550)	0.8	<1	75.2	<0.5	0.29	<0.1	0.30	4.2	0.22	<0.05	236	<1	12.7	1.6
48817 (2828551)	1.1	<1	76.4	<0.5	0.34	<0.1	0.27	1.0	0.23	<0.05	203	<1	14.5	1.7
48818 (2828552)	1.4	2	67.3	<0.5	0.34	0.1	0.36	4.4	0.25	<0.05	270	<1	15.4	1.8
48819 (2828553)	1.3	2	76.3	<0.5	0.37	<0.1	0.34	2.8	0.28	<0.05	259	<1	16.3	1.8
48820 (2828554)	1.6	2	81.2	<0.5	0.45	0.1	0.36	2.0	0.24	<0.05	262	<1	16.5	1.7
48821 (2828555)	1.2	4	78.3	<0.5	0.39	0.1	0.35	2.0	0.30	<0.05	267	<1	16.4	2.0
48822 (2828556)	<0.1	<1	123	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.32	<5	<1	<0.5	<0.1
48823 (2828557)	1.6	5	164	<0.5	0.37	0.2	0.35	0.8	0.21	0.06	233	<1	15.1	1.6
48824 (2828558)	1.4	7	87.9	<0.5	0.35	0.2	0.35	1.6	0.24	<0.05	261	<1	13.4	1.6
48825 (2828559)	1.9	9	105	<0.5	0.42	0.3	0.33	1.1	0.28	0.10	253	<1	16.8	2.0
48826 (2828560)	4.0	9	155	0.5	0.67	2.5	0.32	<0.5	0.51	0.78	93	<1	26.4	3.8
48827 (2828561)	1.9	6	91.2	<0.5	0.41	0.5	0.27	<0.5	0.32	0.26	186	<1	17.7	2.0
48828 (2828562)	1.4	3	40.9	<0.5	0.27	0.5	0.09	<0.5	0.18	0.12	43	<1	11.0	1.2
48829 (2828563)	4.1	8	119	<0.5	0.63	2.4	0.25	<0.5	0.44	0.66	55	<1	25.9	3.1
48830 (2828564)	3.9	7	144	<0.5	0.58	3.0	0.20	<0.5	0.28	0.87	62	<1	21.0	2.0
48831 (2828565)	3.2	6	102	<0.5	0.70	1.6	0.24	<0.5	0.51	0.45	47	<1	26.9	3.7
48832 (2828566)	1.9	6	92.7	<0.5	0.43	0.2	0.24	<0.5	0.31	0.09	187	<1	18.0	1.8

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785146

PROJECT: 2021 SURIMEAU DDH BATCH 63

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
48833 (2828567)	3.8	9	157	<0.5	0.85	1.5	0.31	<0.5	0.65	0.46	74	<1	33.3	5.1
48834 (2828568)	4.8	9	202	0.6	0.86	2.6	0.33	<0.5	0.59	0.85	49	<1	32.0	3.9
48835 (2828569)	4.5	13	239	<0.5	0.59	3.3	0.33	<0.5	0.26	1.09	69	<1	17.9	1.8
48836 (2828570)	3.6	11	239	<0.5	0.50	3.3	0.27	<0.5	0.23	1.14	61	<1	15.5	1.6
48837 (2828571)	3.7	14	272	0.5	0.51	3.1	0.31	<0.5	0.26	1.17	59	<1	17.7	1.6
48838 (2828572)	3.3	12	287	<0.5	0.53	2.6	0.31	<0.5	0.37	0.98	95	<1	19.8	2.4
48839 (2828573)	1.4	7	224	<0.5	0.47	0.2	0.36	<0.5	0.32	0.16	261	<1	18.7	2.1
48840 (2828574)	1.5	1	142	<0.5	0.41	0.2	0.36	<0.5	0.31	0.09	259	<1	16.6	1.9
48841 (2828575)	1.5	2	118	<0.5	0.43	<0.1	0.34	<0.5	0.27	0.05	265	<1	17.7	2.1
48842 (2828576)	1.4	2	119	<0.5	0.38	0.1	0.32	<0.5	0.25	<0.05	258	<1	15.7	1.7
48843 (2828577)	1.1	4	98.0	<0.5	0.36	0.1	0.28	0.7	0.24	0.05	218	<1	13.7	1.6
48844 (2828578)	1.5	3	97.5	<0.5	0.28	0.8	0.11	<0.5	0.25	0.25	48	<1	12.1	1.6
48845 C-DUP (2828579)	1.5	3	95.6	<0.5	0.32	0.7	0.11	<0.5	0.24	0.24	49	<1	12.1	1.7
48846 (2828580)	1.6	7	202	<0.5	0.52	0.1	0.38	<0.5	0.33	0.07	291	<1	20.1	2.2
48847 (2828581)	1.5	3	195	<0.5	0.43	0.1	0.32	<0.5	0.27	0.11	230	<1	17.5	2.0
48848 (2828582)	1.1	1	143	<0.5	0.26	<0.1	0.21	<0.5	0.19	<0.05	161	<1	11.8	1.4
48849 (2828583)	1.2	2	143	<0.5	0.32	0.1	0.31	<0.5	0.22	0.06	233	<1	13.1	1.6
48850 (2828584)	1.2	2	152	<0.5	0.33	<0.1	0.29	<0.5	0.24	<0.05	214	<1	14.1	1.8

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785146

PROJECT: 2021 SURIMEAU DDH BATCH 63

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
48801 (2828535)	81	27.9
48802 (2828536)	15	1.1
48803 (2828537)	91	23.4
48804 (2828538)	114	20.8
48805 (2828539)	70	29.6
48806 (2828540)	108	69.0
48807 (2828541)	101	105
48808 (2828542)	113	127
48809 (2828543)	96	34.8
48810 (2828544)	67	23.8
48811 (2828545)	81	26.8
48812 C-DUP (2828546)	77	25.8
48813 (2828547)	89	25.3
48814 (2828548)	108	26.3
48815 (2828549)	121	24.7
48816 (2828550)	134	26.8
48817 (2828551)	204	25.6
48818 (2828552)	197	33.3
48819 (2828553)	149	30.3
48820 (2828554)	121	29.6
48821 (2828555)	131	31.1
48822 (2828556)	23	0.8
48823 (2828557)	339	32.3
48824 (2828558)	386	36.2
48825 (2828559)	609	38.4
48826 (2828560)	9700	136
48827 (2828561)	1130	38.8
48828 (2828562)	423	34.3
48829 (2828563)	14584	137
48830 (2828564)	25867	120
48831 (2828565)	4210	109
48832 (2828566)	387	29.4

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785146

PROJECT: 2021 SURIMEAU DDH BATCH 63

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
48833 (2828567)	1750	123
48834 (2828568)	12886	150
48835 (2828569)	27230	117
48836 (2828570)	25500	103
48837 (2828571)	27300	118
48838 (2828572)	22100	112
48839 (2828573)	527	33.3
48840 (2828574)	329	34.0
48841 (2828575)	252	30.0
48842 (2828576)	220	29.9
48843 (2828577)	445	25.8
48844 (2828578)	1080	34.5
48845 C-DUP (2828579)	998	32.3
48846 (2828580)	383	36.2
48847 (2828581)	464	31.8
48848 (2828582)	235	21.0
48849 (2828583)	231	29.0
48850 (2828584)	235	25.1

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785146

PROJECT: 2021 SURIMEAU DDH BATCH 63

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
48801 (2828535)	82.35
48820 (2828554)	82.27
48840 (2828574)	79.15

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785146

PROJECT: 2021 SURIMEAU DDH BATCH 63

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
48801 (2828535)	90.70
48820 (2828554)	88.51
48840 (2828574)	87.25

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O785146

PROJECT: 2021 SURIMEAU DDH BATCH 63

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2828535	< 1	< 1	0.0%	2828549	< 1	< 1	0.0%	2828560	2	< 1		2828575	< 1	< 1	0.0%
Al	2828535	5.32	5.20	2.3%	2828549	5.13	5.51	7.1%	2828560	5.66	5.83	3.0%	2828575	6.00	6.06	1.0%
As	2828535	< 5	< 5	0.0%	2828549	< 5	< 5	0.0%	2828560	< 5	< 5	0.0%	2828575	< 5	< 5	0.0%
B	2828535	< 20	< 20	0.0%	2828549	< 20	< 20	0.0%	2828560	< 20	< 20	0.0%	2828575	< 20	< 20	0.0%
Ba	2828535	54.6	47.8	13.3%	2828549	374	394	5.2%	2828560	146	174	17.5%	2828575	976	982	0.6%
Be	2828535	< 5	< 5	0.0%	2828549	< 5	< 5	0.0%	2828560	< 5	< 5	0.0%	2828575	< 5	< 5	0.0%
Bi	2828535	0.2	0.2	0.0%	2828549	0.25	0.24	4.1%	2828560	1.02	0.94	8.2%	2828575	0.79	0.73	7.9%
Ca	2828535	5.09	4.96	2.6%	2828549	3.29	3.55	7.6%	2828560	5.91	5.77	2.4%	2828575	5.10	5.15	1.0%
Cd	2828535	0.2	0.2	0.0%	2828549	< 0.2	< 0.2	0.0%	2828560	16.3	15.3	6.3%	2828575	< 0.2	< 0.2	0.0%
Ce	2828535	3.1	3.0	3.3%	2828549	2.90	3.15	8.3%	2828560	29.5	29.9	1.3%	2828575	4.8	4.7	2.1%
Co	2828535	124	117	5.8%	2828549	113	115	1.8%	2828560	134	122	9.4%	2828575	127	123	3.2%
Cr	2828535	0.382	0.368	3.7%	2828549	0.375	0.397	5.7%	2828560	0.0739	0.0663	10.8%	2828575	0.406	0.417	2.7%
Cs	2828535	2.6	2.5	3.9%	2828549	2.52	2.79	10.2%	2828560	0.19	0.25	27.3%	2828575	0.2	0.3	
Cu	2828535	120	109	9.6%	2828549	565	596	5.3%	2828560	887	786	12.1%	2828575	421	415	1.4%
Dy	2828535	2.59	2.43	6.4%	2828549	2.11	2.10	0.5%	2828560	4.85	4.74	2.3%	2828575	2.85	3.01	5.5%
Er	2828535	1.87	1.62	14.3%	2828549	1.47	1.48	0.7%	2828560	3.34	3.61	7.8%	2828575	1.97	1.77	10.7%
Eu	2828535	0.526	0.448	16.0%	2828549	0.313	0.317	1.3%	2828560	1.56	1.42	9.4%	2828575	0.476	0.408	15.4%
Fe	2828535	10.0	9.79	2.1%	2828549	8.24	8.86	7.3%	2828560	10.9	10.2	6.6%	2828575	8.99	9.03	0.4%
Ga	2828535	15.6	13.8	12.2%	2828549	12.7	13.0	2.3%	2828560	19.8	19.6	1.0%	2828575	13.4	13.6	1.5%
Gd	2828535	1.96	1.63	18.4%	2828549	1.75	1.66	5.3%	2828560	3.97	4.02	1.3%	2828575	2.21	2.02	9.0%
Ge	2828535	2	3		2828549	2	2	0.0%	2828560	2	2	0.0%	2828575	2	2	0.0%
Hf	2828535	< 1	< 1	0.0%	2828549	< 1	< 1	0.0%	2828560	4	4	0.0%	2828575	< 1	< 1	0.0%
Ho	2828535	0.57	0.54	5.4%	2828549	0.49	0.51	4.0%	2828560	1.09	1.11	1.8%	2828575	0.63	0.56	11.8%
In	2828535	< 0.2	< 0.2	0.0%	2828549	< 0.2	< 0.2	0.0%	2828560	2.53	1.93	26.9%	2828575	< 0.2	< 0.2	0.0%
K	2828535	0.35	0.31	12.1%	2828549	1.19	1.28	7.3%	2828560	0.21	0.22	4.7%	2828575	0.330	0.336	1.8%
La	2828535	1.30	1.12	14.9%	2828549	1.0	1.3	26.1%	2828560	12.0	12.5	4.1%	2828575	2.1	2.1	0.0%
Li	2828535	47	44	6.6%	2828549	74	79	6.5%	2828560	< 10	< 10	0.0%	2828575	11	10	9.5%
Lu	2828535	0.245	0.218	11.7%	2828549	0.18	0.23	24.4%	2828560	0.582	0.630	7.9%	2828575	0.26	0.26	0.0%
Mg	2828535	5.72	5.53	3.4%	2828549	4.06	4.29	5.5%	2828560	1.12	0.86	26.3%	2828575	2.49	2.49	0.0%
Mn	2828535	4170	4130	1.0%	2828549	2410	2890	18.1%	2828560	1580	1420	10.7%	2828575	2230	2260	1.3%
Mo	2828535	3	< 2		2828549	< 2	< 2	0.0%	2828560	6	5	18.2%	2828575	28	23	19.6%

AGAT Laboratories

Quality Assurance - Replicate

AGAT WORK ORDER: 21O785146

PROJECT: 2021 SURIMEAU DDH BATCH 63

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Nb	2828535	< 1	< 1	0.0%	2828549	< 1	< 1	0.0%	2828560	5	6	18.2%	2828575	1	1	0.0%
Nd	2828535	2.95	2.64	11.1%	2828549	2.7	2.9	7.1%	2828560	17.2	16.5	4.2%	2828575	3.8	3.8	0.0%
Ni	2828535	1460	1390	4.9%	2828549	1340	1400	4.4%	2828560	969	851	13.0%	2828575	1390	1400	0.7%
P	2828535	< 0.01	< 0.01	0.0%	2828549	< 0.01	< 0.01	0.0%	2828560	0.034	0.036	5.7%	2828575	< 0.01	< 0.01	0.0%
Pb	2828535	< 5	< 5	0.0%	2828549	6	6	0.0%	2828560	30	30	0.0%	2828575	20	19	5.1%
Pr	2828535	0.548	0.510	7.2%	2828549	0.48	0.51	6.1%	2828560	3.89	4.03	3.5%	2828575	0.70	0.70	0.0%
Rb	2828535	10.5	9.1	14.3%	2828549	75.2	73.4	2.4%	2828560	4.6	4.7	2.2%	2828575	7.47	6.70	10.9%
S	2828535	1.21	1.16	4.2%	2828549	4.12	4.33	5.0%	2828560	7.00	6.36	9.6%	2828575	4.34	4.31	0.7%
Sb	2828535	< 0.1	< 0.1	0.0%	2828549	< 0.1	< 0.1	0.0%	2828560	< 0.1	< 0.1	0.0%	2828575	< 0.1	< 0.1	0.0%
Sc	2828535	38	37	2.7%	2828549	36	38	5.4%	2828560	22	22	0.0%	2828575	41	41	0.0%
Si	2828535	25.0	25.6	2.4%	2828549	25.8	28.4	9.6%	2828560	23.8	25.5	6.9%	2828575	26.5	26.3	0.8%
Sm	2828535	1.1	1.1	0.0%	2828549	1.0	1.1	9.5%	2828560	4.0	4.0	0.0%	2828575	1.45	1.36	6.4%
Sn	2828535	1	1	0.0%	2828549	< 1	< 1	0.0%	2828560	9	10	10.5%	2828575	2	3	
Sr	2828535	65.2	66.6	2.1%	2828549	80.1	86.3	7.5%	2828560	155	155	0.0%	2828575	118	119	0.8%
Ta	2828535	< 0.5	< 0.5	0.0%	2828549	< 0.5	< 0.5	0.0%	2828560	0.51	0.56	9.3%	2828575	< 0.5	< 0.5	0.0%
Tb	2828535	0.33	0.37	11.4%	2828549	0.315	0.357	12.5%	2828560	0.670	0.689	2.8%	2828575	0.427	0.394	8.0%
Th	2828535	0.1	< 0.1		2828549	< 0.1	< 0.1	0.0%	2828560	2.54	3.29	25.7%	2828575	< 0.1	< 0.1	0.0%
Ti	2828535	0.30	0.29	3.4%	2828549	0.283	0.303	6.8%	2828560	0.325	0.344	5.7%	2828575	0.34	0.34	0.0%
Tl	2828535	< 0.5	< 0.5	0.0%	2828549	3.2	3.2	0.0%	2828560	< 0.5	< 0.5	0.0%	2828575	< 0.5	< 0.5	0.0%
Tm	2828535	0.26	0.23	12.2%	2828549	0.20	0.25	22.2%	2828560	0.513	0.579	12.1%	2828575	0.27	0.29	7.1%
U	2828535	< 0.05	< 0.05	0.0%	2828549	< 0.05	< 0.05	0.0%	2828560	0.782	0.918	16.0%	2828575	0.05	< 0.05	
V	2828535	226	220	2.7%	2828549	221	230	4.0%	2828560	93	81	13.8%	2828575	265	268	1.1%
W	2828535	< 1	< 1	0.0%	2828549	< 1	< 1	0.0%	2828560	< 1	< 1	0.0%	2828575	< 1	< 1	0.0%
Y	2828535	14.1	13.6	3.6%	2828549	12.8	13.8	7.5%	2828560	26.4	27.9	5.5%	2828575	17.7	16.0	10.1%
Yb	2828535	1.71	1.51	12.4%	2828549	1.42	1.59	11.3%	2828560	3.81	3.98	4.4%	2828575	2.06	1.90	8.1%
Zn	2828535	81	82	1.2%	2828549	121	121	0.0%	2828560	9700	8630	11.7%	2828575	252	242	4.0%
Zr	2828535	27.9	24.2	14.2%	2828549	24.7	25.8	4.4%	2828560	136	140	2.9%	2828575	30.0	29.5	1.7%

AGAT Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O785146

PROJECT: 2021 SURIMEAU DDH BATCH 63

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.15	96%	90% - 110%					6.94	6.7	97%	90% - 110%	13.0	12.5	96%	90% - 110%
As	26	28	108%	90% - 110%												
Ba	540	511	95%	90% - 110%									1310	1245	95%	90% - 110%
Be	4.0	3.9	98%	90% - 110%												
Ca	0.907	0.881	97%	90% - 110%					4.01	3.86	96%	90% - 110%	1.42	1.34	95%	90% - 110%
Ce	98	100	102%	90% - 110%	58.2	66.5	114%	90% - 110%								
Co	15	14	93%	90% - 110%												
Cu	150	156	104%	90% - 110%									6.4	6.8	106%	90% - 110%
Er	3.7	3.7	99%	90% - 110%												
Fe	3.77	3.8	101%	90% - 110%					7.56	7.47	99%	90% - 110%	3.27	3.19	98%	90% - 110%
Ga					22.6	23	102%	90% - 110%								
Hf	11	10	87%	90% - 110%												
K	2.55	2.42	95%	90% - 110%					2.02	1.93	95%	90% - 110%	3.68	3.57	97%	90% - 110%
La	44	44	100%	90% - 110%	27.5	30.7	112%	90% - 110%								
Li	47	47	100%	90% - 110%									65.0	65.6	101%	90% - 110%
Lu	0.6	0.5	81%	90% - 110%												
Mg	1.1	1	93%	90% - 110%					2.41	2.31	96%	90% - 110%				
Mn	780	744	95%	90% - 110%												
Mo	14	13	95%	90% - 110%												
Nb	20	18	92%	90% - 110%	22.6	22.1	98%	90% - 110%								
Nd					27.3	29.1	107%	90% - 110%								
Ni	32	35	110%	90% - 110%												
Pb	31	31	102%	90% - 110%												
Rb	144	140	97%	90% - 110%	85.4	85.9	101%	90% - 110%								
Sb	0.8	0.7	86%	90% - 110%												
Sc	12	12	99%	90% - 110%												
Si	28.4	28.8	101%	90% - 110%					23.65	23.88	101%	90% - 110%	24.4	24.7	101%	90% - 110%
Sm	7.4	7.7	103%	90% - 110%												
Sr	144	150	104%	90% - 110%									310	309	100%	90% - 110%
Tb	1.2	1	83%	90% - 110%												
Th	18.4	18.1	98%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Ti	0.527	0.504	96%	90% - 110%									0.222	0.205	92%	90% - 110%
U	5.7	5.5	96%	90% - 110%												
V	77	81	105%	90% - 110%												
Y	40	35	87%	90% - 110%	25.3	25	99%	90% - 110%								
Yb					2.66	2.98	112%	90% - 110%								
Zn	130	117	90%	90% - 110%									75.4	89.4	119%	90% - 110%
Zr	390	366	94%	90% - 110%	157	149	95%	90% - 110%								

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O785146

PROJECT: 2021 SURIMEAU DDH BATCH 63

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED
AGAT WORK ORDER: 21O785146
PROJECT: 2021 SURIMEAU DDH BATCH 63
ATTENTION TO: Francis Newton
SAMPLING SITE:
SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O785146

PROJECT: 2021 SURIMEAU DDH BATCH 63

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 SURIMEAU DDH BATCH 64

AGAT WORK ORDER: 21O785149

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 28, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

Disclaimer:

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project Manager if you require additional sample storage time.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
- The test results reported herewith relate only to the samples as received by the laboratory.
- Measurement Uncertainty is not taken into consideration when stating conformity with a specified requirement.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785149

PROJECT: 2021 SURIMEAU DDH BATCH 64

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 28, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
48851 (2828482)	2.68
48852 (2828483)	0.66
48853 (2828484)	2.71
48854 (2828485)	1.60
48855 (2828486)	2.46
48856 (2828487)	1.65
48857 (2828488)	2.43
48858 (2828489)	1.59
48859 (2828490)	2.32
48860 (2828491)	2.57
48861 (2828492)	2.56
48862 C-DUP (2828493)	-
48863 (2828494)	2.75
48864 (2828495)	1.36
48865 (2828496)	1.39
48866 (2828497)	2.55
48867 (2828498)	2.18
48868 (2828499)	2.04
48869 (2828500)	2.67
48870 (2828501)	2.60
48871 (2828502)	2.68
48872 (2828503)	0.65
48873 (2828504)	2.26
48874 (2828505)	2.73
48875 (2828506)	2.89
48876 (2828507)	3.18
48877 (2828508)	2.30
48878 (2828509)	1.94
48879 (2828510)	2.00
48880 (2828511)	2.77
48881 (2828512)	2.63

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785149

PROJECT: 2021 SURIMEAU DDH BATCH 64

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 28, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
48882 (2828513)	2.78
48883 (2828514)	2.90
48884 (2828515)	3.02
48885 (2828516)	2.63
48886 (2828517)	2.65
48887 (2828518)	2.67
48888 (2828519)	2.84
48889 (2828520)	2.58
48890 (2828521)	2.68
48891 (2828522)	1.06
48892 (2828523)	1.13
48893 (2828524)	2.83
48894 (2828525)	2.62
48895 C-DUP (2828526)	-
48896 (2828527)	2.69
48897 (2828528)	2.54
48898 (2828529)	2.42
48899 (2828530)	2.86
48900 (2828531)	2.75

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785149

PROJECT: 2021 SURIMEAU DDH BATCH 64

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 28, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
48851 (2828482)	1	5.29	<5	<20	389	<5	0.9	6.72	<0.2	5.5	137	0.415	0.2	563
48852 (2828483)	<1	0.02	<5	25	886	<5	<0.1	20.6	<0.2	0.9	<0.5	<0.005	0.2	<5
48853 (2828484)	1	7.03	<5	26	584	<5	2.2	4.13	24.6	28.6	160	0.186	0.4	540
48854 (2828485)	1	7.23	<5	<20	305	<5	1.2	3.35	10.2	61.6	82.2	0.059	2.1	388
48855 (2828486)	2	7.29	<5	<20	568	<5	1.2	3.80	11.0	85.1	75.5	0.057	2.7	1130
48856 (2828487)	<1	8.79	<5	<20	1500	<5	0.1	2.14	<0.2	109	5.6	0.036	0.9	43
48857 (2828488)	<1	8.96	<5	<20	1590	<5	<0.1	2.12	<0.2	107	5.6	0.031	1.2	31
48858 (2828489)	<1	8.71	<5	<20	1570	<5	0.1	2.12	<0.2	104	6.1	0.032	1.3	46
48859 (2828490)	<1	8.31	<5	<20	1740	<5	<0.1	1.97	<0.2	100	7.1	0.036	0.9	33
48860 (2828491)	<1	10.1	<5	<20	1090	<5	<0.1	2.29	<0.2	117	6.0	0.032	0.9	19
48861 (2828492)	<1	10.3	7	<20	1150	<5	<0.1	2.41	<0.2	126	10.2	0.040	2.7	18
48862 C-DUP (2828493)	<1	11.1	6	<20	1220	<5	<0.1	2.54	<0.2	121	9.8	0.043	2.7	18
48863 (2828494)	<1	4.94	<5	<20	717	<5	0.1	5.55	<0.2	29.2	61.5	0.176	12.7	11
48864 (2828495)	<1	3.84	<5	<20	844	<5	0.2	5.62	0.2	3.5	74.6	0.203	21.2	<5
48865 (2828496)	<1	3.78	<5	<20	825	<5	0.2	5.32	<0.2	3.2	76.3	0.195	21.9	<5
48866 (2828497)	<1	3.61	<5	<20	327	<5	0.3	5.39	<0.2	2.4	76.4	0.174	10.7	25
48867 (2828498)	<1	3.26	<5	<20	5.7	<5	0.3	5.31	<0.2	2.2	77.9	0.190	0.5	54
48868 (2828499)	<1	3.53	<5	<20	3.7	<5	0.3	5.19	<0.2	2.4	86.7	0.225	0.2	83
48869 (2828500)	<1	3.04	<5	<20	85.1	<5	0.5	11.7	<0.2	4.7	83.8	0.203	3.7	94
48870 (2828501)	<1	2.87	<5	<20	175	<5	0.4	12.2	<0.2	3.0	72.5	0.197	5.9	92
48871 (2828502)	<1	2.92	<5	<20	476	<5	0.3	10.1	<0.2	3.5	66.4	0.188	12.8	9
48872 (2828503)	1	0.03	<5	<20	425	<5	<0.1	20.4	<0.2	1.2	<0.5	<0.005	0.3	<5
48873 (2828504)	<1	4.01	<5	<20	855	<5	0.2	6.48	<0.2	3.3	74.2	0.205	20.5	<5
48874 (2828505)	<1	5.40	<5	<20	924	<5	0.3	6.20	<0.2	29.9	70.9	0.162	19.6	<5
48875 (2828506)	<1	3.43	<5	<20	828	<5	0.1	6.50	<0.2	2.1	79.2	0.217	20.4	<5
48876 (2828507)	1	2.64	<5	<20	139	<5	0.3	8.93	<0.2	4.3	81.7	0.191	5.0	54
48877 (2828508)	<1	2.39	<5	<20	16.0	<5	0.2	9.84	<0.2	4.4	77.0	0.173	0.5	32
48878 (2828509)	<1	2.51	<5	<20	38.5	<5	0.4	12.3	<0.2	7.1	82.3	0.189	1.4	46
48879 (2828510)	<1	3.21	<5	<20	24.4	<5	0.5	9.26	<0.2	5.7	105	0.246	1.5	122
48880 (2828511)	<1	2.75	<5	<20	168	<5	0.5	15.9	<0.2	3.9	85.7	0.205	5.7	137
48881 (2828512)	<1	3.32	<5	<20	307	<5	0.4	18.9	<0.2	2.9	96.8	0.234	5.2	28
48882 (2828513)	<1	3.44	<5	<20	531	<5	0.3	13.4	<0.2	4.7	86.0	0.216	7.0	56

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785149

PROJECT: 2021 SURIMEAU DDH BATCH 64

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 28, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
48883 (2828514)	<1	3.61	<5	<20	187	<5	0.2	12.5	<0.2	3.1	80.6	0.276	2.4	<5
48884 (2828515)	1	3.85	<5	<20	250	<5	0.4	19.0	<0.2	3.9	77.8	0.240	<0.1	48
48885 (2828516)	<1	3.18	<5	<20	135	<5	0.2	22.9	<0.2	6.0	66.6	0.198	<0.1	103
48886 (2828517)	<1	4.06	<5	<20	264	<5	0.2	16.4	<0.2	5.4	73.7	0.316	0.3	39
48887 (2828518)	<1	4.20	<5	<20	208	<5	0.3	15.6	<0.2	4.1	91.3	0.300	<0.1	6
48888 (2828519)	<1	3.98	<5	<20	94.4	<5	0.1	13.8	<0.2	3.7	76.4	0.238	<0.1	<5
48889 (2828520)	<1	3.05	<5	<20	37.8	<5	0.1	10.9	<0.2	2.0	80.7	0.190	<0.1	<5
48890 (2828521)	<1	2.65	<5	<20	176	<5	0.1	10.8	<0.2	2.2	76.5	0.177	2.8	5
48891 (2828522)	<1	3.29	<5	<20	390	<5	0.3	7.96	<0.2	1.8	83.4	0.217	15.0	64
48892 (2828523)	<1	3.09	<5	<20	318	<5	0.3	7.31	<0.2	1.9	82.9	0.195	13.3	67
48893 (2828524)	<1	2.76	<5	<20	270	<5	0.2	12.5	<0.2	2.5	75.6	0.190	9.7	63
48894 (2828525)	<1	3.59	<5	<20	39.1	<5	0.2	15.8	<0.2	2.5	86.3	0.238	0.8	15
48895 C-DUP (2828526)	<1	3.49	<5	<20	42.0	<5	0.2	15.5	<0.2	2.6	88.4	0.244	0.7	16
48896 (2828527)	<1	2.90	<5	<20	437	<5	0.2	13.6	<0.2	4.1	74.9	0.202	7.4	114
48897 (2828528)	<1	3.79	<5	<20	721	<5	0.1	7.30	<0.2	13.7	79.6	0.170	11.8	<5
48898 (2828529)	<1	2.78	<5	<20	64.8	<5	0.1	11.3	<0.2	3.6	70.4	0.168	2.1	46
48899 (2828530)	<1	3.28	<5	<20	5.7	<5	0.2	7.55	<0.2	2.0	84.8	0.219	0.5	50
48900 (2828531)	<1	2.93	<5	<20	4.5	<5	0.2	8.13	<0.2	2.2	84.9	0.212	0.3	43

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785149

PROJECT: 2021 SURIMEAU DDH BATCH 64

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 28, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
48851 (2828482)	2.43	1.63	0.55	10.9	11.4	1.83	2	<1	0.56	<0.2	0.19	2.4	12	0.27
48852 (2828483)	0.06	<0.05	<0.05	0.06	<0.01	<0.05	<1	<1	<0.05	<0.2	<0.05	0.6	<10	<0.05
48853 (2828484)	3.27	2.03	1.33	14.4	13.7	2.89	1	2	0.62	3.6	0.39	12.7	24	0.32
48854 (2828485)	3.28	1.92	1.60	7.80	16.8	4.18	1	3	0.69	1.3	0.44	29.5	30	0.35
48855 (2828486)	4.00	2.33	2.11	7.77	21.4	5.08	2	4	0.78	<0.2	0.45	40.5	45	0.34
48856 (2828487)	1.76	0.58	1.60	2.13	28.1	4.08	2	5	0.25	<0.2	0.82	52.0	27	<0.05
48857 (2828488)	1.58	0.59	1.66	2.12	27.3	4.61	1	5	0.21	<0.2	1.40	50.2	34	0.05
48858 (2828489)	1.76	0.62	1.66	2.13	26.5	4.19	1	5	0.23	<0.2	1.27	48.1	32	<0.05
48859 (2828490)	1.77	0.54	1.67	2.12	25.2	4.20	1	5	0.22	<0.2	0.78	46.5	17	0.06
48860 (2828491)	1.79	0.54	1.81	2.17	27.0	4.71	1	6	0.27	<0.2	0.41	54.9	14	0.05
48861 (2828492)	2.12	0.73	2.20	2.71	29.0	5.36	1	6	0.31	<0.2	0.57	59.3	19	0.08
48862 C-DUP (2828493)	2.21	0.70	1.99	2.87	29.2	5.17	1	6	0.31	<0.2	0.60	56.8	19	0.06
48863 (2828494)	1.54	0.79	0.60	5.70	15.0	2.11	2	2	0.25	<0.2	1.92	14.1	84	0.11
48864 (2828495)	1.09	0.77	0.22	7.16	13.8	0.96	2	<1	0.23	<0.2	3.00	1.4	93	0.12
48865 (2828496)	1.09	0.78	0.22	6.92	13.2	0.89	2	<1	0.27	<0.2	2.97	1.5	92	0.14
48866 (2828497)	1.07	0.59	0.16	6.75	11.1	0.92	3	<1	0.23	<0.2	1.63	1.0	62	0.12
48867 (2828498)	1.24	0.80	0.14	6.80	9.36	0.98	2	<1	0.27	<0.2	<0.05	0.9	11	0.13
48868 (2828499)	1.42	0.85	0.08	7.46	8.26	1.02	2	<1	0.28	<0.2	<0.05	0.8	<10	0.13
48869 (2828500)	1.26	0.83	0.14	6.87	6.98	1.05	2	<1	0.28	<0.2	0.40	2.3	19	0.14
48870 (2828501)	1.13	0.83	0.17	6.68	6.34	1.13	2	<1	0.28	<0.2	0.75	1.4	29	0.12
48871 (2828502)	1.27	0.80	0.15	6.44	7.20	1.00	1	<1	0.30	<0.2	1.44	1.9	51	0.14
48872 (2828503)	0.08	0.07	<0.05	0.08	<0.01	0.09	<1	<1	<0.05	<0.2	<0.05	0.8	<10	<0.05
48873 (2828504)	1.33	0.79	0.19	7.02	10.2	1.11	3	<1	0.27	<0.2	2.20	1.4	78	0.11
48874 (2828505)	2.52	1.52	0.67	8.01	15.6	2.89	2	1	0.51	<0.2	2.00	13.0	92	0.21
48875 (2828506)	1.23	0.79	0.11	6.85	10.7	0.94	2	<1	0.23	<0.2	2.22	0.9	85	0.10
48876 (2828507)	1.27	0.88	0.17	6.50	6.67	1.03	2	<1	0.29	<0.2	0.50	2.0	22	0.13
48877 (2828508)	1.23	0.82	0.17	6.45	5.01	1.17	2	<1	0.26	<0.2	0.06	2.4	12	0.12
48878 (2828509)	1.22	0.91	0.30	6.60	5.29	1.09	2	<1	0.29	<0.2	0.15	4.2	18	0.12
48879 (2828510)	1.30	0.82	0.31	7.24	7.81	1.16	1	<1	0.28	<0.2	0.12	3.4	17	0.13
48880 (2828511)	1.18	0.74	0.32	6.57	5.33	1.03	1	<1	0.27	<0.2	0.64	2.3	23	0.11
48881 (2828512)	1.47	1.09	0.36	5.98	5.56	1.20	1	<1	0.33	<0.2	0.65	1.4	27	0.16
48882 (2828513)	1.41	0.88	0.40	6.96	7.54	1.28	1	<1	0.30	<0.2	0.86	1.9	30	0.14

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785149

PROJECT: 2021 SURIMEAU DDH BATCH 64

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 28, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
48883 (2828514)	1.80	1.16	0.26	7.25	8.61	1.40	2	<1	0.44	<0.2	0.38	1.4	16	0.18
48884 (2828515)	2.20	1.41	0.36	6.04	6.60	1.61	<1	<1	0.46	<0.2	0.12	2.0	<10	0.21
48885 (2828516)	2.90	2.33	0.49	5.00	6.84	2.39	<1	<1	0.66	<0.2	0.07	3.6	<10	0.40
48886 (2828517)	2.54	1.74	0.57	6.10	9.80	2.11	<1	<1	0.58	<0.2	0.09	2.9	<10	0.30
48887 (2828518)	2.35	1.54	0.41	6.42	8.54	1.77	1	<1	0.52	<0.2	0.15	1.9	10	0.26
48888 (2828519)	1.95	1.31	0.34	6.94	8.75	1.48	1	<1	0.48	<0.2	0.17	1.9	13	0.23
48889 (2828520)	1.32	0.80	0.13	6.60	6.83	0.89	2	<1	0.25	<0.2	0.12	0.9	10	0.11
48890 (2828521)	1.03	0.78	0.17	6.25	5.64	0.90	2	<1	0.24	<0.2	0.41	0.9	17	0.10
48891 (2828522)	1.20	0.86	0.07	7.12	7.58	0.97	2	<1	0.27	<0.2	1.58	0.7	50	0.13
48892 (2828523)	1.12	0.74	0.08	6.79	8.43	0.92	2	<1	0.24	<0.2	1.31	0.7	43	0.14
48893 (2828524)	1.23	0.77	0.18	6.60	5.23	0.99	1	<1	0.30	<0.2	1.02	1.0	30	0.14
48894 (2828525)	1.59	1.07	0.40	7.29	7.26	1.37	<1	<1	0.35	<0.2	0.18	1.1	<10	0.14
48895 C-DUP (2828526)	1.56	1.07	0.41	7.08	8.51	1.28	1	<1	0.36	<0.2	0.17	1.2	<10	0.14
48896 (2828527)	1.28	0.82	0.30	6.60	6.74	1.07	1	<1	0.29	<0.2	0.91	2.2	25	0.12
48897 (2828528)	1.97	1.09	0.43	6.85	10.4	2.07	3	1	0.44	<0.2	1.30	5.6	44	0.15
48898 (2828529)	1.14	0.77	0.17	6.43	5.95	0.92	1	<1	0.28	<0.2	0.25	2.0	12	0.12
48899 (2828530)	1.36	0.77	0.07	7.26	7.34	1.06	1	<1	0.29	<0.2	<0.05	0.8	<10	0.15
48900 (2828531)	1.12	0.84	<0.05	6.78	5.99	0.88	1	<1	0.23	<0.2	<0.05	1.0	<10	0.12

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785149

PROJECT: 2021 SURIMEAU DDH BATCH 64

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 28, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
48851 (2828482)	1.56	3420	7	1	3.9	1210	0.01	17	0.82	5.4	5.63	<0.1	33	26.5
48852 (2828483)	13.5	397	<2	<1	0.2	8	<0.01	6	0.10	0.5	0.27	<0.1	<5	5.93
48853 (2828484)	1.09	972	13	5	14.2	1200	0.09	34	3.54	10.8	8.58	<0.1	24	22.9
48854 (2828485)	2.57	807	40	5	27.2	581	0.03	25	7.13	20.0	3.93	<0.1	21	26.8
48855 (2828486)	2.82	761	86	5	37.5	538	0.05	33	10.2	20.3	3.55	<0.1	19	26.1
48856 (2828487)	0.69	246	<2	4	49.0	16	0.10	33	13.2	25.2	0.43	<0.1	<5	33.7
48857 (2828488)	0.66	249	3	4	48.9	14	0.09	22	13.0	34.2	0.26	<0.1	<5	33.5
48858 (2828489)	0.65	248	18	4	47.7	15	0.11	29	12.8	34.2	0.29	<0.1	<5	32.6
48859 (2828490)	0.71	230	<2	4	46.7	25	0.10	23	12.3	23.7	0.31	<0.1	<5	32.0
48860 (2828491)	0.80	258	<2	4	54.9	14	0.13	26	14.1	12.6	0.05	<0.1	<5	31.6
48861 (2828492)	1.20	322	<2	5	57.4	60	0.11	31	15.6	22.6	0.06	<0.1	5	28.9
48862 C-DUP (2828493)	1.29	337	<2	5	56.4	65	0.13	30	15.0	22.9	0.06	<0.1	5	30.6
48863 (2828494)	8.79	982	4	2	15.0	846	<0.01	7	3.65	80.1	0.07	<0.1	18	23.6
48864 (2828495)	11.7	1330	<2	2	2.4	868	<0.01	<5	0.55	131	0.03	<0.1	23	24.4
48865 (2828496)	11.2	1290	<2	2	2.5	832	<0.01	<5	0.50	131	0.03	<0.1	22	23.7
48866 (2828497)	13.0	1110	<2	1	1.9	1080	<0.01	<5	0.39	67.1	0.24	<0.1	18	24.0
48867 (2828498)	13.7	1200	<2	<1	2.1	1010	<0.01	<5	0.42	1.0	0.47	<0.1	20	22.8
48868 (2828499)	14.5	1140	<2	<1	2.0	1180	<0.01	<5	0.37	0.6	0.60	<0.1	22	23.2
48869 (2828500)	11.6	1520	<2	<1	2.5	1190	<0.01	<5	0.67	17.1	0.55	<0.1	20	20.2
48870 (2828501)	10.6	1700	<2	<1	2.0	1160	<0.01	<5	0.41	29.3	0.42	<0.1	21	20.4
48871 (2828502)	11.1	1590	<2	<1	2.3	843	<0.01	<5	0.46	63.5	0.14	<0.1	20	22.7
48872 (2828503)	13.1	423	<2	<1	0.3	8	<0.01	<5	0.12	1.0	0.24	<0.1	<5	6.06
48873 (2828504)	11.6	1290	<2	<1	2.3	884	<0.01	<5	0.52	101	0.04	<0.1	23	24.7
48874 (2828505)	10.3	1460	<2	3	15.1	665	0.05	<5	3.82	97.5	0.04	<0.1	28	22.5
48875 (2828506)	12.5	1190	<2	<1	1.5	1100	<0.01	<5	0.38	99.2	0.04	<0.1	21	24.9
48876 (2828507)	12.1	1470	<2	<1	3.1	1110	<0.01	<5	0.58	22.9	0.11	<0.1	19	23.1
48877 (2828508)	11.8	1550	<2	<1	3.1	989	<0.01	<5	0.62	2.2	0.18	<0.1	19	22.5
48878 (2828509)	10.6	1660	<2	<1	3.8	1170	<0.01	<5	0.86	6.2	0.37	<0.1	18	21.1
48879 (2828510)	10.9	1480	<2	<1	3.1	1550	<0.01	<5	0.70	4.9	0.48	<0.1	23	19.8
48880 (2828511)	8.51	2180	<2	<1	2.5	1300	<0.01	<5	0.47	26.8	0.60	<0.1	19	17.1
48881 (2828512)	6.80	2490	<2	<1	2.1	1230	<0.01	7	0.40	29.7	0.25	<0.1	23	16.0
48882 (2828513)	9.11	2250	<2	<1	3.5	1150	<0.01	<5	0.75	40.2	0.18	<0.1	22	20.3

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785149

PROJECT: 2021 SURIMEAU DDH BATCH 64

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 28, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
48883 (2828514)	8.83	2390	<2	<1	2.4	947	<0.01	<5	0.46	14.9	0.13	<0.1	26	20.7
48884 (2828515)	3.17	3720	<2	<1	2.8	927	<0.01	7	0.60	1.1	0.23	<0.1	25	16.3
48885 (2828516)	2.13	4730	<2	<1	4.1	834	<0.01	6	0.86	0.4	0.40	<0.1	21	14.9
48886 (2828517)	3.43	3650	<2	<1	4.2	957	<0.01	8	0.79	1.7	0.22	<0.1	29	18.3
48887 (2828518)	5.38	2910	<2	1	3.5	1160	<0.01	9	0.62	1.8	0.17	<0.1	28	18.0
48888 (2828519)	7.45	2360	<2	<1	3.0	773	<0.01	5	0.58	1.1	0.13	<0.1	25	19.1
48889 (2828520)	10.1	1830	<2	<1	1.7	1130	<0.01	<5	0.29	0.9	0.09	<0.1	19	24.2
48890 (2828521)	10.2	1590	<2	<1	1.8	1080	<0.01	<5	0.36	16.0	0.11	<0.1	17	23.4
48891 (2828522)	11.5	1450	<2	<1	1.7	1150	<0.01	7	0.35	72.9	0.26	<0.1	21	22.2
48892 (2828523)	10.9	1370	<2	<1	1.6	1070	<0.01	8	0.29	60.8	0.23	<0.1	20	21.8
48893 (2828524)	9.95	1880	<2	<1	1.7	1020	<0.01	5	0.37	43.4	0.30	<0.1	20	19.8
48894 (2828525)	7.00	2370	<2	<1	2.3	944	<0.01	6	0.41	6.1	0.18	<0.1	25	17.9
48895 C-DUP (2828526)	7.02	2310	<2	<1	2.2	954	<0.01	6	0.37	5.7	0.18	<0.1	25	17.4
48896 (2828527)	9.01	2040	<2	<1	2.4	931	<0.01	9	0.53	42.1	0.29	<0.1	21	19.5
48897 (2828528)	10.3	1420	<2	2	8.5	879	0.03	<5	1.91	64.8	0.04	<0.1	22	22.7
48898 (2828529)	10.6	1600	<2	<1	2.2	871	<0.01	5	0.47	10.2	0.24	<0.1	19	20.8
48899 (2828530)	12.5	1310	<2	<1	1.8	1010	<0.01	<5	0.33	1.1	0.20	<0.1	22	21.1
48900 (2828531)	12.9	1320	<2	<1	1.6	1270	<0.01	<5	0.35	0.8	0.21	<0.1	20	21.9

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785149

PROJECT: 2021 SURIMEAU DDH BATCH 64

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 28, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
48851 (2828482)	1.2	3	199	<0.5	0.34	0.2	0.28	<0.5	0.25	0.27	197	<1	14.0	1.8
48852 (2828483)	0.1	<1	148	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.36	<5	<1	<0.5	<0.1
48853 (2828484)	3.0	8	361	<0.5	0.50	2.6	0.32	<0.5	0.31	1.31	123	<1	17.2	1.9
48854 (2828485)	5.0	5	287	<0.5	0.60	8.3	0.23	0.6	0.29	2.50	90	<1	18.1	2.0
48855 (2828486)	6.6	5	494	<0.5	0.74	11.4	0.27	0.7	0.33	3.39	105	<1	20.7	2.3
48856 (2828487)	8.0	1	1560	<0.5	0.43	8.1	0.29	<0.5	0.07	2.23	41	<1	7.0	0.4
48857 (2828488)	7.8	2	1550	<0.5	0.46	8.2	0.29	<0.5	0.08	2.15	38	<1	7.0	0.4
48858 (2828489)	7.5	1	1500	<0.5	0.40	7.9	0.28	<0.5	0.06	2.24	37	<1	7.0	0.4
48859 (2828490)	7.7	1	1420	<0.5	0.40	7.7	0.27	<0.5	0.06	2.20	39	<1	6.8	0.4
48860 (2828491)	7.9	<1	1910	<0.5	0.48	9.0	0.31	<0.5	0.06	2.59	40	<1	7.2	0.4
48861 (2828492)	9.5	<1	2030	<0.5	0.52	9.9	0.35	<0.5	0.10	2.92	52	<1	8.7	0.5
48862 C-DUP (2828493)	8.9	<1	2090	<0.5	0.49	9.7	0.37	<0.5	0.09	2.91	54	<1	8.6	0.5
48863 (2828494)	2.4	<1	466	<0.5	0.26	2.1	0.20	1.2	0.13	0.86	112	<1	7.3	0.8
48864 (2828495)	0.8	1	57.5	<0.5	0.15	0.1	0.21	1.9	0.11	0.28	146	<1	6.3	0.7
48865 (2828496)	0.8	<1	55.4	<0.5	0.16	0.1	0.20	1.9	0.11	0.26	138	<1	6.3	0.8
48866 (2828497)	0.7	<1	58.7	<0.5	0.15	0.1	0.16	1.0	0.10	0.22	120	<1	6.4	0.6
48867 (2828498)	0.7	<1	45.0	<0.5	0.20	0.2	0.17	<0.5	0.13	0.18	120	<1	7.0	0.8
48868 (2828499)	0.6	<1	49.2	<0.5	0.18	0.1	0.18	<0.5	0.12	0.19	133	<1	6.9	0.9
48869 (2828500)	0.9	<1	264	<0.5	0.17	0.1	0.15	<0.5	0.13	0.19	119	<1	6.8	0.8
48870 (2828501)	0.7	<1	262	<0.5	0.21	<0.1	0.16	0.5	0.12	0.21	123	<1	7.3	0.8
48871 (2828502)	0.7	<1	131	<0.5	0.17	<0.1	0.16	1.2	0.12	0.20	111	<1	7.0	0.8
48872 (2828503)	<0.1	<1	148	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.65	<5	<1	0.6	<0.1
48873 (2828504)	0.7	<1	66.3	<0.5	0.16	0.2	0.19	1.8	0.12	0.33	124	<1	6.7	0.8
48874 (2828505)	3.0	<1	76.1	<0.5	0.40	5.7	0.35	1.6	0.21	1.19	178	<1	13.0	1.3
48875 (2828506)	0.6	<1	44.5	<0.5	0.17	0.1	0.16	1.9	0.11	0.18	120	<1	6.2	0.7
48876 (2828507)	0.8	<1	113	<0.5	0.16	<0.1	0.14	<0.5	0.13	0.14	117	<1	7.0	0.7
48877 (2828508)	1.0	<1	128	<0.5	0.16	<0.1	0.13	<0.5	0.10	0.32	109	<1	6.5	0.7
48878 (2828509)	0.9	<1	171	<0.5	0.18	<0.1	0.13	<0.5	0.12	0.66	113	<1	7.8	0.9
48879 (2828510)	0.7	<1	144	<0.5	0.19	<0.1	0.17	<0.5	0.13	0.71	134	<1	7.8	0.8
48880 (2828511)	0.6	<1	373	<0.5	0.16	<0.1	0.15	<0.5	0.11	0.13	113	<1	6.5	0.7
48881 (2828512)	0.8	<1	463	<0.5	0.20	<0.1	0.19	0.5	0.16	0.13	132	<1	9.3	1.0
48882 (2828513)	1.0	<1	194	<0.5	0.21	0.4	0.19	0.8	0.12	0.16	135	<1	8.5	0.9

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785149

PROJECT: 2021 SURIMEAU DDH BATCH 64

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 28, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
48883 (2828514)	0.8	<1	202	<0.5	0.25	<0.1	0.21	<0.5	0.17	0.16	161	<1	10.4	1.0
48884 (2828515)	1.1	<1	474	<0.5	0.28	<0.1	0.21	<0.5	0.23	0.13	151	<1	13.7	1.4
48885 (2828516)	1.5	<1	462	<0.5	0.40	<0.1	0.17	<0.5	0.35	0.15	118	<1	24.8	2.3
48886 (2828517)	1.2	<1	314	<0.5	0.35	<0.1	0.22	<0.5	0.28	0.14	170	<1	19.0	1.7
48887 (2828518)	1.2	<1	419	<0.5	0.31	0.1	0.22	<0.5	0.23	0.25	170	<1	15.4	1.5
48888 (2828519)	1.1	<1	279	<0.5	0.30	<0.1	0.21	<0.5	0.24	0.15	157	<1	13.8	1.5
48889 (2828520)	0.7	<1	123	<0.5	0.14	<0.1	0.14	<0.5	0.12	0.14	113	<1	6.9	0.7
48890 (2828521)	0.6	<1	174	<0.5	0.17	0.5	0.13	<0.5	0.11	0.21	107	<1	6.1	0.7
48891 (2828522)	0.6	<1	92.2	<0.5	0.17	0.1	0.18	1.2	0.10	0.16	125	<1	6.9	0.8
48892 (2828523)	0.5	<1	75.8	<0.5	0.17	0.1	0.16	1.0	0.09	0.15	119	<1	6.9	0.6
48893 (2828524)	0.7	<1	226	<0.5	0.18	<0.1	0.16	0.8	0.11	0.14	114	<1	7.1	0.8
48894 (2828525)	0.6	<1	303	<0.5	0.22	<0.1	0.21	<0.5	0.17	0.13	149	<1	9.8	1.0
48895 C-DUP (2828526)	0.9	<1	300	<0.5	0.26	<0.1	0.20	<0.5	0.16	0.13	151	<1	10.7	1.0
48896 (2828527)	0.7	<1	246	<0.5	0.17	<0.1	0.17	0.7	0.14	0.16	125	<1	7.6	0.8
48897 (2828528)	2.2	<1	57.0	<0.5	0.32	1.9	0.24	1.0	0.19	0.65	129	<1	11.2	1.1
48898 (2828529)	0.6	<1	199	<0.5	0.19	<0.1	0.15	<0.5	0.10	0.17	106	<1	6.1	0.7
48899 (2828530)	0.7	<1	97.8	<0.5	0.21	<0.1	0.18	<0.5	0.13	0.13	131	<1	7.3	0.9
48900 (2828531)	0.6	<1	106	<0.5	0.17	<0.1	0.16	<0.5	0.12	0.14	115	<1	6.1	0.7

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785149

PROJECT: 2021 SURIMEAU DDH BATCH 64

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 28, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
48851 (2828482)	376	25.9
48852 (2828483)	22	0.5
48853 (2828484)	12900	82.6
48854 (2828485)	4620	122
48855 (2828486)	5100	161
48856 (2828487)	113	186
48857 (2828488)	85	185
48858 (2828489)	133	186
48859 (2828490)	137	176
48860 (2828491)	64	207
48861 (2828492)	103	227
48862 C-DUP (2828493)	109	216
48863 (2828494)	170	56.6
48864 (2828495)	268	15.8
48865 (2828496)	274	16.8
48866 (2828497)	139	10.4
48867 (2828498)	75	11.8
48868 (2828499)	65	15.0
48869 (2828500)	47	12.7
48870 (2828501)	48	13.9
48871 (2828502)	57	13.7
48872 (2828503)	18	<0.5
48873 (2828504)	78	19.5
48874 (2828505)	83	54.2
48875 (2828506)	60	15.2
48876 (2828507)	56	12.3
48877 (2828508)	51	10.5
48878 (2828509)	49	11.4
48879 (2828510)	62	15.4
48880 (2828511)	61	12.3
48881 (2828512)	49	15.3
48882 (2828513)	56	20.6

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785149

PROJECT: 2021 SURIMEAU DDH BATCH 64

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 28, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
48883 (2828514)	52	18.0
48884 (2828515)	54	18.4
48885 (2828516)	52	14.0
48886 (2828517)	58	20.9
48887 (2828518)	64	20.1
48888 (2828519)	59	18.1
48889 (2828520)	62	12.5
48890 (2828521)	55	11.4
48891 (2828522)	54	15.2
48892 (2828523)	51	14.0
48893 (2828524)	54	13.0
48894 (2828525)	50	18.7
48895 C-DUP (2828526)	49	18.4
48896 (2828527)	45	13.8
48897 (2828528)	68	38.4
48898 (2828529)	49	12.3
48899 (2828530)	52	18.1
48900 (2828531)	40	13.3

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785149

PROJECT: 2021 SURIMEAU DDH BATCH 64

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 28, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
48851 (2828482)	83.20
48870 (2828501)	78.99
48890 (2828521)	80.85

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785149

PROJECT: 2021 SURIMEAU DDH BATCH 64

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 28, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
48851 (2828482)	87.20
48870 (2828501)	87.87
48890 (2828521)	88.82

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O785149

PROJECT: 2021 SURIMEAU DDH BATCH 64

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2828482	1	1	0.0%	2828496	< 1	< 1	0.0%	2828507	1	< 1		2828522	< 1	< 1	0.0%
Al	2828482	5.29	5.27	0.4%	2828496	3.78	3.90	3.1%	2828507	2.64	2.73	3.4%	2828522	3.29	3.24	1.5%
As	2828482	< 5	< 5	0.0%	2828496	< 5	< 5	0.0%	2828507	< 5	< 5	0.0%	2828522	< 5	< 5	0.0%
B	2828482	< 20	< 20	0.0%	2828496	< 20	< 20	0.0%	2828507	< 20	< 20	0.0%	2828522	< 20	< 20	0.0%
Ba	2828482	389	386	0.8%	2828496	825	829	0.5%	2828507	139	135	2.9%	2828522	390	386	1.0%
Be	2828482	< 5	< 5	0.0%	2828496	< 5	< 5	0.0%	2828507	< 5	< 5	0.0%	2828522	< 5	< 5	0.0%
Bi	2828482	0.9	0.9	0.0%	2828496	0.2	0.2	0.0%	2828507	0.3	0.2		2828522	0.30	0.25	18.2%
Ca	2828482	6.72	6.68	0.6%	2828496	5.32	5.53	3.9%	2828507	8.93	9.18	2.8%	2828522	7.96	7.88	1.0%
Cd	2828482	< 0.2	< 0.2	0.0%	2828496	< 0.2	< 0.2	0.0%	2828507	< 0.2	< 0.2	0.0%	2828522	< 0.2	< 0.2	0.0%
Ce	2828482	5.5	5.1	7.5%	2828496	3.2	3.2	0.0%	2828507	4.3	3.2	29.3%	2828522	1.8	2.1	15.4%
Co	2828482	137	129	6.0%	2828496	76.3	75.1	1.6%	2828507	81.7	79.3	3.0%	2828522	83.4	87.3	4.6%
Cr	2828482	0.415	0.398	4.2%	2828496	0.195	0.196	0.5%	2828507	0.191	0.191	0.0%	2828522	0.217	0.215	0.9%
Cs	2828482	0.2	0.2	0.0%	2828496	21.9	20.8	5.2%	2828507	5.05	5.18	2.5%	2828522	15.0	15.5	3.3%
Cu	2828482	563	537	4.7%	2828496	< 5	< 5	0.0%	2828507	54	52	3.8%	2828522	64	63	1.6%
Dy	2828482	2.43	2.27	6.8%	2828496	1.09	1.10	0.9%	2828507	1.27	1.20	5.7%	2828522	1.20	1.19	0.8%
Er	2828482	1.63	1.69	3.6%	2828496	0.78	0.74	5.3%	2828507	0.88	0.83	5.8%	2828522	0.86	0.75	13.7%
Eu	2828482	0.546	0.452	18.8%	2828496	0.220	0.257	15.5%	2828507	0.17	0.14	19.4%	2828522	0.07	0.05	
Fe	2828482	10.9	10.6	2.8%	2828496	6.92	7.19	3.8%	2828507	6.50	6.70	3.0%	2828522	7.12	7.03	1.3%
Ga	2828482	11.4	10.1	12.1%	2828496	13.2	13.8	4.4%	2828507	6.67	7.17	7.2%	2828522	7.58	7.63	0.7%
Gd	2828482	1.83	1.88	2.7%	2828496	0.893	0.911	2.0%	2828507	1.03	1.01	2.0%	2828522	0.97	0.96	1.0%
Ge	2828482	2	1		2828496	2	2	0.0%	2828507	2	2	0.0%	2828522	2	2	0.0%
Hf	2828482	< 1	< 1	0.0%	2828496	< 1	< 1	0.0%	2828507	< 1	< 1	0.0%	2828522	< 1	< 1	0.0%
Ho	2828482	0.558	0.495	12.0%	2828496	0.27	0.23	16.0%	2828507	0.29	0.25	14.8%	2828522	0.27	0.26	3.8%
In	2828482	< 0.2	< 0.2	0.0%	2828496	< 0.2	< 0.2	0.0%	2828507	< 0.2	< 0.2	0.0%	2828522	< 0.2	< 0.2	0.0%
K	2828482	0.19	0.19	0.0%	2828496	2.97	3.00	1.0%	2828507	0.502	0.516	2.8%	2828522	1.58	1.58	0.0%
La	2828482	2.4	2.4	0.0%	2828496	1.5	1.4	6.9%	2828507	2.0	1.5	28.6%	2828522	0.7	0.9	25.0%
Li	2828482	12	12	0.0%	2828496	92	96	4.3%	2828507	22	23	4.4%	2828522	50	48	4.1%
Lu	2828482	0.270	0.254	6.1%	2828496	0.140	0.112	22.2%	2828507	0.13	0.12	8.0%	2828522	0.126	0.120	4.9%
Mg	2828482	1.56	1.56	0.0%	2828496	11.2	11.5	2.6%	2828507	12.1	12.3	1.6%	2828522	11.5	11.4	0.9%
Mn	2828482	3420	3420	0.0%	2828496	1290	1320	2.3%	2828507	1470	1510	2.7%	2828522	1450	1430	1.4%
Mo	2828482	7	6	15.4%	2828496	< 2	< 2	0.0%	2828507	< 2	< 2	0.0%	2828522	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Nb	2828482	1	1	0.0%	2828496	2	2	0.0%	2828507	< 1	< 1	0.0%	2828522	< 1	< 1	0.0%
Nd	2828482	3.9	3.7	5.3%	2828496	2.46	2.09	16.3%	2828507	3.08	2.41	24.4%	2828522	1.71	1.62	5.4%
Ni	2828482	1210	1150	5.1%	2828496	832	830	0.2%	2828507	1110	1110	0.0%	2828522	1150	1160	0.9%
P	2828482	0.01	0.01	0.0%	2828496	< 0.01	< 0.01	0.0%	2828507	< 0.01	< 0.01	0.0%	2828522	< 0.01	< 0.01	0.0%
Pb	2828482	17	17	0.0%	2828496	< 5	< 5	0.0%	2828507	< 5	< 5	0.0%	2828522	7	7	0.0%
Pr	2828482	0.82	0.76	7.6%	2828496	0.496	0.430	14.3%	2828507	0.58	0.44	27.5%	2828522	0.347	0.301	14.2%
Rb	2828482	5.42	4.75	13.2%	2828496	131	129	1.5%	2828507	22.9	21.4	6.8%	2828522	72.9	71.6	1.8%
S	2828482	5.63	5.43	3.6%	2828496	0.03	0.03	0.0%	2828507	0.111	0.116	4.4%	2828522	0.256	0.249	2.8%
Sb	2828482	< 0.1	< 0.1	0.0%	2828496	< 0.1	< 0.1	0.0%	2828507	< 0.1	< 0.1	0.0%	2828522	< 0.1	< 0.1	0.0%
Sc	2828482	33	33	0.0%	2828496	22	22	0.0%	2828507	19	19	0.0%	2828522	21	21	0.0%
Si	2828482	26.5	26.5	0.0%	2828496	23.7	24.0	1.3%	2828507	23.1	23.9	3.4%	2828522	22.2	22.2	0.0%
Sm	2828482	1.2	1.1	8.7%	2828496	0.8	0.7	13.3%	2828507	0.8	0.8	0.0%	2828522	0.65	0.67	3.0%
Sn	2828482	3	3	0.0%	2828496	< 1	1		2828507	< 1	< 1	0.0%	2828522	< 1	< 1	0.0%
Sr	2828482	199	198	0.5%	2828496	55.4	56.2	1.4%	2828507	113	115	1.8%	2828522	92.2	91.3	1.0%
Ta	2828482	< 0.5	< 0.5	0.0%	2828496	< 0.5	< 0.5	0.0%	2828507	< 0.5	< 0.5	0.0%	2828522	< 0.5	< 0.5	0.0%
Tb	2828482	0.34	0.31	9.2%	2828496	0.16	0.15	6.5%	2828507	0.16	0.14	13.3%	2828522	0.166	0.154	7.5%
Th	2828482	0.18	0.14	25.0%	2828496	0.1	0.1	0.0%	2828507	< 0.1	< 0.1	0.0%	2828522	0.1	0.1	0.0%
Ti	2828482	0.28	0.28	0.0%	2828496	0.202	0.209	3.4%	2828507	0.14	0.14	0.0%	2828522	0.18	0.18	0.0%
Tl	2828482	< 0.5	< 0.5	0.0%	2828496	1.9	1.9	0.0%	2828507	< 0.5	< 0.5	0.0%	2828522	1.16	1.15	0.9%
Tm	2828482	0.25	0.25	0.0%	2828496	0.109	0.100	8.6%	2828507	0.13	0.13	0.0%	2828522	0.10	0.13	26.1%
U	2828482	0.268	0.276	2.9%	2828496	0.257	0.223	14.2%	2828507	0.14	0.14	0.0%	2828522	0.16	0.17	6.1%
V	2828482	197	195	1.0%	2828496	138	140	1.4%	2828507	117	116	0.9%	2828522	125	126	0.8%
W	2828482	< 1	< 1	0.0%	2828496	< 1	< 1	0.0%	2828507	< 1	< 1	0.0%	2828522	< 1	< 1	0.0%
Y	2828482	14.0	13.6	2.9%	2828496	6.25	5.92	5.4%	2828507	7.04	7.20	2.2%	2828522	6.90	6.32	8.8%
Yb	2828482	1.80	1.61	11.1%	2828496	0.76	0.70	8.2%	2828507	0.74	0.78	5.3%	2828522	0.77	0.73	5.3%
Zn	2828482	376	360	4.3%	2828496	274	272	0.7%	2828507	56	62	10.2%	2828522	54	61	12.2%
Zr	2828482	25.9	24.3	6.4%	2828496	16.8	15.2	10.0%	2828507	12.3	12.6	2.4%	2828522	15.2	14.9	2.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.69	103%	90% - 110%					6.94	7.31	105%	90% - 110%	13.0	12.8	99%	90% - 110%
As	26	24	92%	90% - 110%												
Ba	540	519	96%	90% - 110%									1310	1225	94%	90% - 110%
Be	4.0	3.5	88%	90% - 110%												
Ca	0.907	0.959	106%	90% - 110%					4.01	4.22	105%	90% - 110%	1.42	1.39	98%	90% - 110%
Ce	98	115	117%	90% - 110%	58.2	67.5	116%	90% - 110%								
Co	15	14	91%	90% - 110%												
Cu	150	157	104%	90% - 110%									6.4	5.9	93%	90% - 110%
Er	3.7	4.4	119%	90% - 110%												
Fe	3.77	4.04	107%	90% - 110%					7.56	8.13	108%	90% - 110%	3.27	3.3	101%	90% - 110%
Ga					22.6	25.9	115%	90% - 110%								
Hf	11	10	95%	90% - 110%												
K	2.55	2.56	100%	90% - 110%					2.02	2.09	103%	90% - 110%	3.68	3.62	98%	90% - 110%
La	44	51	115%	90% - 110%	27.5	32	116%	90% - 110%								
Li	47	48	103%	90% - 110%									65.0	67.1	103%	90% - 110%
Lu	0.6	0.6	94%	90% - 110%												
Mg	1.1	1.1	98%	90% - 110%					2.41	2.53	105%	90% - 110%				
Mn	780	783	100%	90% - 110%												
Mo	14	14	101%	90% - 110%												
Nb	20	19	96%	90% - 110%	22.6	22.3	99%	90% - 110%								
Nd					27.3	29.5	108%	90% - 110%								
Ni	32	39	122%	90% - 110%												
Pb	31	34	109%	90% - 110%												
Rb	144	144	100%	90% - 110%	85.4	87.7	103%	90% - 110%								
Sb	0.8	0.8	99%	90% - 110%												
Sc	12	12	103%	90% - 110%												
Si	28.4	30.7	108%	90% - 110%					23.65	25.8	109%	90% - 110%	24.4	24.9	102%	90% - 110%
Sm	7.4	9	122%	90% - 110%												
Sr	144	157	109%	90% - 110%									310	318	103%	90% - 110%
Ta	1.9	1.7	91%	90% - 110%												
Tb	1.2	1.2	103%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Th	18.4	22.1	120%	90% - 110%												
Ti	0.527	0.528	100%	90% - 110%									0.222	0.209	94%	90% - 110%
U	5.7	6.4	111%	90% - 110%												
V	77	81	106%	90% - 110%												
W	5	5	99%	90% - 110%												
Y	40	38	95%	90% - 110%	25.3	24.4	97%	90% - 110%								
Yb					2.66	3.05	115%	90% - 110%								
Zn	130	128	99%	90% - 110%									75.4	73.8	98%	90% - 110%
Zr	390	373	96%	90% - 110%	157	152	97%	90% - 110%								

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O785149

PROJECT: 2021 SURIMEAU DDH BATCH 64

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O785149

PROJECT: 2021 SURIMEAU DDH BATCH 64

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O785149

PROJECT: 2021 SURIMEAU DDH BATCH 64

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 SURIMEAU DDH BATCH 65

AGAT WORK ORDER: 21O785151

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 24, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

Disclaimer:

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project Manager if you require additional sample storage time.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
- The test results reported herewith relate only to the samples as received by the laboratory.
- Measurement Uncertainty is not taken into consideration when stating conformity with a specified requirement.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785151

PROJECT: 2021 SURIMEAU DDH BATCH 65

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
48901 (2828399)	2.21
48902 (2828400)	0.65
48903 (2828401)	2.78
48904 (2828402)	2.66
48905 (2828403)	2.78
48906 (2828404)	2.49
48907 (2828405)	2.49
48908 (2828406)	2.63
48909 (2828407)	2.62
48910 (2828408)	1.89
48911 (2828409)	1.60
48912 C-DUP (2828410)	-
48913 (2828411)	1.67
48914 (2828412)	0.66
48915 (2828413)	0.83
48916 (2828414)	2.70
48917 (2828415)	2.92
48918 (2828416)	2.61
48919 (2828417)	2.57
48920 (2828418)	2.55
48921 (2828419)	2.92
48922 (2828420)	0.66
48923 (2828421)	2.74
48924 (2828422)	2.81
48925 (2828423)	3.09
48926 (2828424)	2.97
48927 (2828425)	2.72
48928 (2828426)	2.73
48929 (2828427)	2.99
48930 (2828428)	2.74
48931 (2828429)	2.76

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785151

PROJECT: 2021 SURIMEAU DDH BATCH 65

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
48932 (2828430)	2.93
48933 (2828431)	2.87
48934 (2828432)	2.72
48935 (2828433)	2.68
48936 (2828434)	2.45
48937 (2828435)	2.60
48938 (2828436)	2.43
48939 (2828437)	3.38
48940 (2828438)	2.78
48941 (2828439)	0.94
48942 (2828440)	1.25
48943 (2828441)	2.83
48944 (2828442)	2.88
48945 C-DUP (2828443)	-
48946 (2828444)	2.78
48947 (2828445)	2.80
48948 (2828446)	2.53
48949 (2828447)	2.72
48950 (2828448)	2.79

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785151

PROJECT: 2021 SURIMEAU DDH BATCH 65

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
48901 (2828399)	<1	3.11	<5	<20	4.0	<5	<0.1	7.28	<0.2	1.9	90.1	0.238	0.5	30
48902 (2828400)	<1	0.04	<5	<20	162	<5	<0.1	20.4	<0.2	1.0	<0.5	0.085	0.2	14
48903 (2828401)	<1	3.08	<5	<20	7.5	<5	<0.1	11.1	<0.2	1.7	80.9	0.244	0.7	43
48904 (2828402)	<1	4.20	<5	<20	383	<5	<0.1	16.0	<0.2	3.0	100	0.312	9.5	41
48905 (2828403)	<1	3.13	<5	<20	41.0	<5	<0.1	8.77	<0.2	1.9	86.6	0.222	1.6	58
48906 (2828404)	<1	2.88	<5	<20	2.0	<5	<0.1	6.14	<0.2	1.5	88.0	0.206	0.4	48
48907 (2828405)	<1	2.51	<5	<20	2.8	<5	<0.1	6.24	<0.2	2.0	86.7	0.186	0.4	46
48908 (2828406)	<1	2.72	<5	<20	0.7	<5	<0.1	6.07	<0.2	1.6	93.0	0.217	0.3	82
48909 (2828407)	<1	1.08	<5	<20	31.4	<5	<0.1	22.0	<0.2	15.7	38.8	0.086	0.8	33
48910 (2828408)	<1	2.07	<5	<20	140	<5	<0.1	8.11	<0.2	5.0	73.5	0.154	5.4	8
48911 (2828409)	<1	2.15	<5	<20	81.2	<5	<0.1	10.3	<0.2	9.7	69.1	0.151	3.9	11
48912 C-DUP (2828410)	<1	2.11	<5	<20	80.5	<5	<0.1	10.1	<0.2	9.5	71.1	0.146	3.8	8
48913 (2828411)	<1	2.17	<5	<20	55.3	<5	<0.1	9.49	<0.2	7.1	73.7	0.158	2.0	<5
48914 (2828412)	2	2.24	<5	<20	138	<5	<0.1	11.2	<0.2	19.6	58.0	0.100	4.7	<5
48915 (2828413)	<1	2.37	<5	<20	161	<5	<0.1	9.71	<0.2	14.2	63.6	0.133	5.7	<5
48916 (2828414)	<1	2.97	<5	<20	460	<5	<0.1	6.20	<0.2	2.9	80.7	0.193	18.7	<5
48917 (2828415)	<1	2.68	<5	<20	95.9	<5	<0.1	6.41	<0.2	2.2	84.9	0.180	4.1	9
48918 (2828416)	<1	3.61	<5	<20	3.8	<5	<0.1	5.41	<0.2	2.1	95.1	0.228	0.5	82
48919 (2828417)	<1	3.09	<5	<20	2.2	<5	<0.1	5.64	<0.2	1.9	83.6	0.199	0.5	36
48920 (2828418)	<1	2.61	<5	<20	1.3	<5	<0.1	5.71	<0.2	1.6	76.9	0.162	0.4	20
48921 (2828419)	<1	2.91	<5	<20	<0.5	<5	<0.1	6.36	<0.2	1.5	81.0	0.193	0.4	41
48922 (2828420)	<1	0.06	<5	<20	82.1	<5	<0.1	20.6	<0.2	1.0	<0.5	<0.005	0.1	<5
48923 (2828421)	<1	3.35	<5	<20	56.2	<5	0.2	17.9	<0.2	4.2	102	0.255	0.9	43
48924 (2828422)	<1	3.97	6	<20	82.8	<5	0.5	15.6	<0.2	5.0	115	0.272	1.7	39
48925 (2828423)	<1	4.03	<5	<20	54.3	<5	<0.1	12.7	<0.2	2.5	95.6	0.238	2.1	51
48926 (2828424)	<1	3.23	<5	<20	44.0	<5	<0.1	15.0	<0.2	3.2	90.3	0.208	1.8	70
48927 (2828425)	<1	2.34	<5	<20	256	<5	<0.1	18.4	<0.2	3.4	60.7	0.154	6.9	15
48928 (2828426)	<1	3.83	<5	<20	310	<5	<0.1	7.63	<0.2	1.6	96.3	0.226	11.8	53
48929 (2828427)	<1	3.21	<5	<20	25.6	<5	<0.1	16.4	<0.2	2.8	80.0	0.203	0.3	14
48930 (2828428)	<1	3.33	<5	<20	22.6	<5	<0.1	15.3	<0.2	2.7	78.8	0.191	0.2	8
48931 (2828429)	<1	3.37	<5	<20	61.5	<5	<0.1	19.4	<0.2	3.7	82.6	0.229	1.2	23
48932 (2828430)	<1	2.92	<5	<20	333	<5	<0.1	14.1	<0.2	2.5	76.4	0.184	8.4	80

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785151

PROJECT: 2021 SURIMEAU DDH BATCH 65

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
48933 (2828431)	<1	3.22	<5	<20	94.9	<5	<0.1	19.3	<0.2	3.5	88.5	0.221	0.1	56
48934 (2828432)	<1	3.15	<5	<20	55.2	<5	<0.1	18.8	<0.2	3.1	87.7	0.209	0.1	67
48935 (2828433)	<1	3.39	<5	<20	51.7	<5	<0.1	19.2	<0.2	3.1	74.9	0.223	<0.1	39
48936 (2828434)	<1	3.36	<5	<20	87.8	<5	<0.1	18.1	<0.2	3.2	73.6	0.218	<0.1	57
48937 (2828435)	<1	2.96	<5	<20	171	<5	0.4	21.4	<0.2	3.8	87.5	0.192	0.2	31
48938 (2828436)	<1	3.41	<5	<20	58.7	<5	0.1	14.4	0.2	2.2	71.4	0.193	0.2	<5
48939 (2828437)	<1	3.57	<5	<20	148	<5	<0.1	8.30	<0.2	1.6	75.6	0.217	4.3	26
48940 (2828438)	<1	2.92	<5	<20	101	<5	0.2	17.8	<0.2	2.9	73.9	0.200	3.4	134
48941 (2828439)	<1	3.38	<5	<20	29.6	<5	<0.1	13.9	<0.2	2.7	76.3	0.214	2.6	69
48942 (2828440)	<1	3.18	<5	<20	19.4	<5	<0.1	15.0	<0.2	3.0	73.0	0.199	2.1	65
48943 (2828441)	<1	3.41	<5	<20	43.0	<5	<0.1	13.3	<0.2	3.3	74.8	0.221	1.7	22
48944 (2828442)	<1	2.89	<5	<20	2.4	<5	<0.1	9.22	<0.2	1.8	74.5	0.194	0.3	28
48945 C-DUP (2828443)	<1	2.91	<5	<20	3.9	<5	<0.1	9.15	<0.2	2.0	77.0	0.195	0.3	27
48946 (2828444)	<1	2.55	<5	<20	3.5	<5	<0.1	10.0	<0.2	2.2	73.7	0.185	0.3	30
48947 (2828445)	1	3.20	<5	<20	11.7	<5	<0.1	9.63	<0.2	2.0	80.0	0.222	0.7	43
48948 (2828446)	<1	4.70	<5	<20	8.4	<5	<0.1	6.84	<0.2	17.3	67.5	0.165	1.4	14
48949 (2828447)	<1	3.28	<5	<20	6.7	<5	0.2	8.99	<0.2	3.5	78.6	0.197	0.8	18
48950 (2828448)	<1	3.04	<5	<20	12.2	<5	<0.1	11.1	<0.2	3.3	71.1	0.184	0.6	18

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785151

PROJECT: 2021 SURIMEAU DDH BATCH 65

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
48901 (2828399)	1.02	0.60	0.11	6.99	7.17	0.79	2	<1	0.22	<0.2	<0.05	0.8	<10	0.09
48902 (2828400)	0.06	0.05	<0.05	0.41	0.13	0.08	<1	<1	<0.05	<0.2	<0.05	0.6	10	<0.05
48903 (2828401)	1.03	0.66	0.24	6.74	7.01	0.79	1	<1	0.23	<0.2	0.07	0.6	<10	0.09
48904 (2828402)	1.88	1.31	0.49	7.04	7.88	1.55	<1	<1	0.43	<0.2	1.06	1.4	39	0.19
48905 (2828403)	1.21	0.77	0.25	7.42	7.06	0.95	1	<1	0.28	<0.2	0.17	0.8	12	0.11
48906 (2828404)	1.09	0.75	0.13	6.81	6.91	0.93	2	<1	0.27	<0.2	<0.05	0.4	<10	0.12
48907 (2828405)	1.09	0.75	0.10	6.38	6.31	0.91	2	<1	0.26	<0.2	<0.05	0.7	<10	0.11
48908 (2828406)	1.06	0.70	0.09	6.91	6.71	0.88	2	<1	0.25	<0.2	<0.05	0.5	<10	0.12
48909 (2828407)	1.82	1.22	0.78	3.91	3.02	1.76	1	<1	0.42	<0.2	0.10	8.1	<10	0.18
48910 (2828408)	1.14	0.78	0.25	6.39	5.94	0.95	2	<1	0.26	<0.2	0.54	2.1	22	0.12
48911 (2828409)	1.17	0.78	0.35	6.31	7.69	1.16	2	<1	0.28	<0.2	0.32	4.3	26	0.12
48912 C-DUP (2828410)	1.23	0.71	0.40	6.28	7.34	1.13	2	<1	0.26	<0.2	0.31	4.2	25	0.11
48913 (2828411)	1.17	0.70	0.42	6.44	9.35	1.16	3	<1	0.28	<0.2	0.20	2.8	16	0.12
48914 (2828412)	2.14	1.37	0.63	5.98	8.03	2.75	2	1	0.49	<0.2	0.49	6.3	24	0.20
48915 (2828413)	1.83	1.12	0.53	6.20	8.28	1.95	2	<1	0.40	<0.2	0.59	4.6	26	0.17
48916 (2828414)	0.99	0.65	0.20	6.53	8.67	0.84	2	<1	0.23	<0.2	1.87	0.9	50	0.08
48917 (2828415)	1.01	0.55	0.22	6.65	7.54	0.73	2	<1	0.22	<0.2	0.42	0.7	22	0.10
48918 (2828416)	1.13	0.72	0.15	7.34	9.12	0.79	2	<1	0.26	<0.2	<0.05	0.7	<10	0.12
48919 (2828417)	1.15	0.70	0.11	6.84	7.82	0.85	2	<1	0.23	<0.2	<0.05	0.7	<10	0.11
48920 (2828418)	1.03	0.71	0.09	6.49	6.79	0.82	2	<1	0.24	<0.2	<0.05	0.6	<10	0.10
48921 (2828419)	1.08	0.70	0.14	6.73	7.17	0.88	2	<1	0.25	<0.2	<0.05	0.5	<10	0.12
48922 (2828420)	0.11	0.06	<0.05	0.12	0.25	0.11	<1	<1	<0.05	<0.2	<0.05	0.6	<10	<0.05
48923 (2828421)	2.21	1.64	0.61	5.96	6.84	1.81	<1	<1	0.56	<0.2	0.16	2.2	11	0.27
48924 (2828422)	2.55	1.73	0.58	6.41	7.49	1.98	1	<1	0.59	<0.2	0.28	2.8	17	0.31
48925 (2828423)	1.72	1.21	0.44	7.08	8.42	1.22	1	<1	0.40	<0.2	0.20	1.2	24	0.18
48926 (2828424)	1.82	1.28	0.51	6.48	7.44	1.42	1	<1	0.46	<0.2	0.18	1.4	24	0.18
48927 (2828425)	1.50	1.19	0.49	5.07	7.06	1.25	1	<1	0.40	<0.2	0.77	1.7	23	0.21
48928 (2828426)	1.39	0.90	0.28	7.46	9.94	1.04	2	<1	0.33	<0.2	1.09	0.5	33	0.13
48929 (2828427)	1.65	1.14	0.34	6.41	8.19	1.23	1	<1	0.41	<0.2	0.15	1.3	<10	0.21
48930 (2828428)	1.75	1.15	0.28	6.57	7.84	1.30	1	<1	0.41	<0.2	0.13	1.4	<10	0.19
48931 (2828429)	2.32	1.75	0.46	5.94	7.67	1.75	1	<1	0.60	<0.2	0.25	2.2	<10	0.29
48932 (2828430)	1.28	0.90	0.31	6.34	7.68	0.93	1	<1	0.30	<0.2	1.23	1.1	31	0.13

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785151

PROJECT: 2021 SURIMEAU DDH BATCH 65

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
48933 (2828431)	1.97	1.42	0.37	4.99	7.53	1.41	<1	<1	0.51	<0.2	0.12	1.9	<10	0.26
48934 (2828432)	1.59	1.15	0.30	4.25	7.04	1.24	<1	<1	0.37	<0.2	0.07	1.6	<10	0.16
48935 (2828433)	1.88	1.31	0.36	4.60	7.13	1.32	1	<1	0.45	<0.2	0.06	1.6	<10	0.20
48936 (2828434)	1.89	1.26	0.36	5.48	7.63	1.27	<1	<1	0.46	<0.2	0.08	1.5	<10	0.20
48937 (2828435)	1.97	1.51	0.36	4.73	6.14	1.64	1	<1	0.49	<0.2	0.11	2.1	<10	0.25
48938 (2828436)	1.06	0.69	0.41	6.47	11.3	0.92	2	<1	0.26	<0.2	0.14	0.8	<10	0.12
48939 (2828437)	1.20	0.81	0.22	7.34	9.53	0.88	2	<1	0.28	<0.2	0.44	0.6	30	0.12
48940 (2828438)	1.28	0.93	0.37	6.19	6.55	1.02	1	<1	0.29	<0.2	0.35	1.3	25	0.14
48941 (2828439)	1.48	0.93	0.23	7.05	7.38	1.08	1	<1	0.32	<0.2	0.13	1.2	33	0.16
48942 (2828440)	1.39	1.08	0.22	6.72	7.03	1.14	1	<1	0.32	<0.2	0.09	1.3	29	0.17
48943 (2828441)	1.65	1.12	0.23	6.87	7.14	1.19	1	<1	0.40	<0.2	0.16	1.3	16	0.18
48944 (2828442)	1.21	0.79	0.14	6.93	6.23	0.99	1	<1	0.29	<0.2	<0.05	0.7	<10	0.13
48945 C-DUP (2828443)	1.36	0.88	0.15	6.96	6.83	0.95	1	<1	0.30	<0.2	<0.05	0.7	<10	0.12
48946 (2828444)	1.27	0.88	0.13	6.58	6.23	1.03	1	<1	0.30	<0.2	<0.05	0.7	<10	0.14
48947 (2828445)	1.27	0.81	0.18	6.96	6.79	1.04	1	<1	0.29	<0.2	0.07	0.9	11	0.13
48948 (2828446)	2.02	1.24	0.62	8.58	11.0	2.00	1	1	0.43	<0.2	0.07	7.3	59	0.19
48949 (2828447)	1.19	0.74	0.35	7.15	7.87	0.95	2	<1	0.26	<0.2	0.06	1.4	23	0.11
48950 (2828448)	1.15	0.83	0.26	6.43	6.74	1.02	1	<1	0.29	<0.2	0.07	1.6	12	0.11

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785151

PROJECT: 2021 SURIMEAU DDH BATCH 65

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
48901 (2828399)	12.0	1260	<2	<1	1.4	1350	<0.01	<5	0.28	1.2	0.19	<0.1	20	22.1
48902 (2828400)	13.0	436	<2	<1	0.4	485	<0.01	<5	0.09	0.6	0.28	0.1	<5	6.89
48903 (2828401)	10.7	1620	<2	<1	1.4	1440	<0.01	<5	0.25	3.3	0.24	<0.1	21	19.4
48904 (2828402)	6.67	2360	<2	<1	2.4	1280	<0.01	7	0.47	52.7	0.29	<0.1	30	14.8
48905 (2828403)	11.6	1570	<2	<1	1.5	1200	<0.01	<5	0.33	6.4	0.30	<0.1	20	22.0
48906 (2828404)	13.2	1190	<2	<1	1.3	1240	<0.01	<5	0.24	0.8	0.24	<0.1	20	24.0
48907 (2828405)	13.5	1060	<2	<1	1.7	1200	<0.01	<5	0.33	1.1	0.21	<0.1	18	24.7
48908 (2828406)	13.6	1040	<2	<1	1.4	1300	<0.01	<5	0.25	0.7	0.25	<0.1	21	24.3
48909 (2828407)	6.78	2200	<2	<1	7.1	505	0.07	<5	1.86	3.7	0.36	<0.1	9	13.6
48910 (2828408)	11.5	1580	<2	<1	2.8	970	<0.01	<5	0.67	24.7	0.13	<0.1	16	24.9
48911 (2828409)	10.8	1640	<2	1	4.7	925	<0.01	<5	1.23	13.9	0.16	<0.1	16	22.5
48912 C-DUP (2828410)	10.9	1620	<2	1	4.5	919	<0.01	<5	1.21	13.6	0.16	<0.1	16	22.3
48913 (2828411)	10.8	1520	<2	2	4.2	934	<0.01	<5	0.99	7.2	0.15	<0.1	16	24.2
48914 (2828412)	10.1	1730	<2	4	13.5	610	<0.01	<5	3.18	20.3	0.17	<0.1	19	21.5
48915 (2828413)	10.4	1600	<2	3	9.6	777	<0.01	<5	2.18	24.3	0.13	<0.1	18	22.4
48916 (2828414)	11.9	1260	<2	1	2.2	1150	<0.01	<5	0.49	84.1	0.10	<0.1	17	24.7
48917 (2828415)	12.6	1350	<2	<1	1.7	1110	<0.01	<5	0.37	18.6	0.12	<0.1	18	24.4
48918 (2828416)	13.2	1270	<2	<1	1.7	1290	<0.01	<5	0.34	1.2	0.32	<0.1	22	22.7
48919 (2828417)	13.5	1140	<2	<1	1.5	1160	<0.01	<5	0.31	1.1	0.19	<0.1	19	23.4
48920 (2828418)	13.4	1190	<2	<1	1.3	1060	<0.01	<5	0.27	1.0	0.16	<0.1	18	24.4
48921 (2828419)	13.3	1240	<2	<1	1.3	1080	<0.01	<5	0.26	0.7	0.24	<0.1	20	23.6
48922 (2828420)	12.6	394	<2	<1	0.5	6	<0.01	<5	0.10	0.6	0.27	0.1	<5	6.84
48923 (2828421)	6.34	2890	<2	<1	2.9	1210	<0.01	6	0.63	4.8	0.32	<0.1	26	15.1
48924 (2828422)	7.66	2480	<2	<1	3.5	1350	<0.01	<5	0.72	10.2	0.31	<0.1	28	15.3
48925 (2828423)	9.99	2040	<2	<1	2.1	1100	<0.01	<5	0.42	7.5	0.35	<0.1	27	15.6
48926 (2828424)	8.98	2270	<2	<1	2.5	994	<0.01	<5	0.48	6.4	0.47	<0.1	23	14.9
48927 (2828425)	7.63	2430	<2	<1	2.2	823	<0.01	<5	0.48	32.0	0.28	<0.1	16	15.4
48928 (2828426)	11.0	1800	<2	<1	1.6	1230	<0.01	<5	0.29	52.7	0.22	<0.1	23	22.6
48929 (2828427)	6.90	2610	<2	<1	2.0	989	<0.01	<5	0.40	1.9	0.22	<0.1	22	18.0
48930 (2828428)	7.13	2790	<2	<1	2.2	882	<0.01	<5	0.46	1.6	0.20	<0.1	21	19.1
48931 (2828429)	5.57	3060	<2	<1	3.0	921	<0.01	<5	0.57	8.8	0.26	<0.1	25	15.1
48932 (2828430)	8.34	2300	<2	<1	1.8	969	<0.01	<5	0.39	61.1	0.38	<0.1	19	19.4

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785151

PROJECT: 2021 SURIMEAU DDH BATCH 65

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
48933 (2828431)	4.29	3490	<2	<1	2.7	994	<0.01	<5	0.53	1.5	0.31	<0.1	23	15.8
48934 (2828432)	3.14	3180	<2	<1	2.3	980	<0.01	<5	0.42	1.0	0.34	<0.1	21	17.5
48935 (2828433)	3.36	3230	<2	<1	2.3	783	<0.01	<5	0.47	0.4	0.28	<0.1	23	17.5
48936 (2828434)	4.51	3210	<2	<1	2.4	802	<0.01	<5	0.45	0.9	0.25	<0.1	23	17.7
48937 (2828435)	4.21	3180	<2	<1	2.9	957	<0.01	7	0.53	2.2	0.29	<0.1	21	15.6
48938 (2828436)	7.79	2080	<2	2	1.7	915	0.02	<5	0.33	1.7	0.19	<0.1	20	20.7
48939 (2828437)	10.7	1590	<2	<1	1.5	907	<0.01	<5	0.31	17.8	0.13	<0.1	23	23.6
48940 (2828438)	7.85	1850	<2	<1	2.0	1030	<0.01	<5	0.45	13.8	0.63	<0.1	22	14.4
48941 (2828439)	9.39	1700	<2	<1	2.1	915	<0.01	<5	0.43	5.4	0.35	<0.1	24	15.7
48942 (2828440)	9.20	1780	<2	<1	2.1	858	<0.01	<5	0.42	4.1	0.34	<0.1	22	15.0
48943 (2828441)	10.0	1710	<2	<1	2.5	821	<0.01	<5	0.48	5.5	0.24	<0.1	24	16.9
48944 (2828442)	11.8	1300	<2	<1	1.6	975	<0.01	<5	0.29	0.7	0.24	<0.1	21	21.8
48945 C-DUP (2828443)	11.7	1300	<2	<1	1.6	968	<0.01	<5	0.33	0.7	0.23	<0.1	20	21.6
48946 (2828444)	11.4	1390	<2	<1	1.7	977	<0.01	<5	0.35	0.5	0.21	<0.1	20	22.0
48947 (2828445)	11.4	1430	<2	<1	1.7	1200	<0.01	<5	0.32	1.8	0.22	<0.1	22	20.9
48948 (2828446)	11.6	1460	<2	2	8.6	760	0.05	<5	2.16	2.9	0.13	<0.1	29	20.6
48949 (2828447)	11.3	1440	<2	<1	2.4	966	<0.01	<5	0.52	1.4	0.24	<0.1	21	22.2
48950 (2828448)	10.8	1380	<2	<1	2.2	934	<0.01	<5	0.46	2.0	0.20	<0.1	20	20.3

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785151

PROJECT: 2021 SURIMEAU DDH BATCH 65

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
48901 (2828399)	0.5	2	66.2	<0.5	0.15	<0.1	0.16	<0.5	0.10	0.14	121	<1	5.5	0.6
48902 (2828400)	<0.1	2	145	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.35	9	<1	<0.5	<0.1
48903 (2828401)	0.6	2	215	<0.5	0.16	<0.1	0.17	<0.5	0.10	0.11	123	<1	5.7	0.6
48904 (2828402)	0.8	2	403	<0.5	0.30	<0.1	0.24	0.9	0.20	0.12	186	<1	12.7	1.2
48905 (2828403)	0.7	2	158	<0.5	0.18	<0.1	0.17	<0.5	0.12	0.12	134	<1	6.8	0.8
48906 (2828404)	0.5	2	29.9	<0.5	0.18	<0.1	0.15	<0.5	0.12	0.13	120	<1	6.1	0.7
48907 (2828405)	0.6	1	33.3	<0.5	0.17	0.1	0.14	<0.5	0.11	0.14	109	<1	6.2	0.7
48908 (2828406)	0.6	2	31.6	<0.5	0.16	0.1	0.17	<0.5	0.11	0.13	124	<1	6.0	0.6
48909 (2828407)	1.6	2	670	<0.5	0.30	1.5	0.07	<0.5	0.20	0.70	80	<1	12.9	1.2
48910 (2828408)	0.7	2	60.2	<0.5	0.16	0.2	0.11	<0.5	0.10	0.19	123	<1	6.5	0.7
48911 (2828409)	1.0	2	146	<0.5	0.19	<0.1	0.12	<0.5	0.11	0.23	115	<1	7.1	0.7
48912 C-DUP (2828410)	1.0	2	141	<0.5	0.19	<0.1	0.11	<0.5	0.11	0.24	113	<1	7.1	0.8
48913 (2828411)	0.9	3	101	<0.5	0.20	<0.1	0.13	<0.5	0.12	0.28	146	<1	7.2	0.7
48914 (2828412)	2.9	3	167	<0.5	0.44	1.3	0.26	<0.5	0.22	0.76	157	<1	12.7	1.2
48915 (2828413)	2.1	3	121	<0.5	0.32	0.7	0.20	<0.5	0.16	0.47	152	<1	10.1	1.0
48916 (2828414)	0.6	2	35.8	<0.5	0.16	0.1	0.15	1.3	0.10	0.20	119	<1	5.4	0.6
48917 (2828415)	0.6	2	32.5	<0.5	0.14	<0.1	0.13	<0.5	0.10	0.21	113	<1	5.2	0.6
48918 (2828416)	0.6	2	27.2	<0.5	0.16	<0.1	0.19	<0.5	0.12	0.20	137	<1	5.8	0.8
48919 (2828417)	0.5	2	31.7	<0.5	0.16	<0.1	0.17	<0.5	0.11	0.16	124	<1	5.8	0.7
48920 (2828418)	0.6	2	28.6	<0.5	0.15	<0.1	0.12	<0.5	0.09	0.14	105	<1	5.6	0.6
48921 (2828419)	0.5	2	39.4	<0.5	0.16	<0.1	0.15	<0.5	0.12	0.12	124	<1	6.0	0.7
48922 (2828420)	<0.1	2	160	<0.5	<0.05	<0.1	0.01	<0.5	<0.05	0.31	<5	<1	0.7	<0.1
48923 (2828421)	0.9	2	498	<0.5	0.35	<0.1	0.21	<0.5	0.28	0.13	152	<1	16.8	1.7
48924 (2828422)	1.1	2	461	<0.5	0.36	<0.1	0.22	<0.5	0.27	0.12	166	<1	18.5	1.7
48925 (2828423)	0.8	2	396	<0.5	0.25	<0.1	0.22	<0.5	0.20	0.12	157	<1	11.1	1.1
48926 (2828424)	1.0	2	500	<0.5	0.29	<0.1	0.18	<0.5	0.21	0.12	144	<1	12.0	1.3
48927 (2828425)	0.9	2	594	<0.5	0.22	<0.1	0.13	0.5	0.18	0.19	111	<1	11.2	1.2
48928 (2828426)	0.8	2	80.0	<0.5	0.19	<0.1	0.19	0.9	0.14	0.15	145	<1	7.7	0.7
48929 (2828427)	0.8	2	296	<0.5	0.24	<0.1	0.17	<0.5	0.18	0.17	138	<1	11.3	1.2
48930 (2828428)	0.7	2	174	<0.5	0.26	<0.1	0.17	<0.5	0.19	0.13	154	<1	12.6	1.2
48931 (2828429)	0.9	2	320	<0.5	0.33	<0.1	0.20	<0.5	0.28	0.13	157	<1	18.9	1.8
48932 (2828430)	0.6	2	316	<0.5	0.16	<0.1	0.16	1.1	0.13	0.15	122	<1	7.5	0.9

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785151

PROJECT: 2021 SURIMEAU DDH BATCH 65

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
48933 (2828431)	0.8	2	285	<0.5	0.27	<0.1	0.18	<0.5	0.21	0.14	140	<1	15.7	1.4
48934 (2828432)	0.7	2	278	<0.5	0.23	<0.1	0.17	<0.5	0.17	0.11	125	<1	11.5	1.0
48935 (2828433)	0.8	2	289	<0.5	0.27	<0.1	0.18	<0.5	0.22	0.12	139	<1	14.0	1.3
48936 (2828434)	0.9	2	263	<0.5	0.26	<0.1	0.18	<0.5	0.20	0.10	140	<1	13.1	1.2
48937 (2828435)	1.0	3	388	<0.5	0.30	<0.1	0.16	<0.5	0.25	0.13	128	<1	16.5	1.4
48938 (2828436)	0.6	5	358	<0.5	0.17	<0.1	0.17	<0.5	0.11	0.29	152	<1	6.3	0.7
48939 (2828437)	0.6	3	69.3	<0.5	0.19	<0.1	0.19	<0.5	0.13	0.18	154	<1	7.0	0.8
48940 (2828438)	0.7	2	439	<0.5	0.22	<0.1	0.17	<0.5	0.15	0.12	131	<1	8.0	0.8
48941 (2828439)	0.7	2	339	<0.5	0.21	<0.1	0.19	<0.5	0.14	0.11	144	<1	8.3	0.9
48942 (2828440)	0.7	2	381	<0.5	0.21	<0.1	0.18	<0.5	0.17	0.11	135	<1	9.0	1.0
48943 (2828441)	0.9	2	297	<0.5	0.25	<0.1	0.20	<0.5	0.18	0.11	153	<1	10.3	1.2
48944 (2828442)	0.7	2	103	<0.5	0.17	<0.1	0.16	<0.5	0.14	0.11	130	<1	7.1	0.8
48945 C-DUP (2828443)	0.6	2	103	<0.5	0.18	<0.1	0.17	<0.5	0.13	0.11	129	<1	7.3	0.8
48946 (2828444)	0.6	2	109	<0.5	0.20	<0.1	0.16	<0.5	0.13	0.11	123	<1	7.6	0.9
48947 (2828445)	0.6	2	124	<0.5	0.18	<0.1	0.18	<0.5	0.12	0.11	137	<1	7.1	0.8
48948 (2828446)	1.9	2	78.5	<0.5	0.33	2.0	0.33	<0.5	0.20	0.61	201	<1	10.5	1.2
48949 (2828447)	0.8	2	138	<0.5	0.19	0.1	0.17	<0.5	0.11	0.16	130	<1	6.5	0.8
48950 (2828448)	0.7	2	142	<0.5	0.17	0.1	0.16	<0.5	0.11	0.13	126	<1	6.9	0.8

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785151

PROJECT: 2021 SURIMEAU DDH BATCH 65

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
48901 (2828399)	51	15.8
48902 (2828400)	14	2.4
48903 (2828401)	43	13.4
48904 (2828402)	51	20.2
48905 (2828403)	61	16.1
48906 (2828404)	50	12.6
48907 (2828405)	36	13.2
48908 (2828406)	40	13.3
48909 (2828407)	27	7.8
48910 (2828408)	55	10.0
48911 (2828409)	42	9.3
48912 C-DUP (2828410)	39	9.6
48913 (2828411)	51	10.8
48914 (2828412)	52	49.3
48915 (2828413)	52	29.7
48916 (2828414)	68	12.7
48917 (2828415)	54	11.4
48918 (2828416)	62	17.0
48919 (2828417)	51	12.9
48920 (2828418)	47	10.2
48921 (2828419)	50	13.4
48922 (2828420)	10	1.1
48923 (2828421)	52	16.4
48924 (2828422)	57	18.5
48925 (2828423)	60	18.8
48926 (2828424)	51	15.5
48927 (2828425)	49	10.2
48928 (2828426)	63	15.5
48929 (2828427)	53	15.2
48930 (2828428)	56	13.7
48931 (2828429)	49	17.1
48932 (2828430)	46	13.0

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785151

PROJECT: 2021 SURIMEAU DDH BATCH 65

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
48933 (2828431)	42	15.4
48934 (2828432)	37	13.6
48935 (2828433)	39	15.7
48936 (2828434)	43	15.3
48937 (2828435)	39	14.0
48938 (2828436)	151	14.3
48939 (2828437)	77	16.3
48940 (2828438)	37	14.3
48941 (2828439)	33	16.2
48942 (2828440)	35	15.9
48943 (2828441)	50	16.9
48944 (2828442)	44	13.1
48945 C-DUP (2828443)	47	14.2
48946 (2828444)	47	14.0
48947 (2828445)	50	14.8
48948 (2828446)	60	43.5
48949 (2828447)	53	15.7
48950 (2828448)	51	13.6

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785151

PROJECT: 2021 SURIMEAU DDH BATCH 65

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
48901 (2828399)	84.49
48920 (2828418)	79.70
48940 (2828438)	83.36

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785151

PROJECT: 2021 SURIMEAU DDH BATCH 65

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 24, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
48901 (2828399)	87.25
48920 (2828418)	87.82
48940 (2828438)	85.69

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2828399	< 1	< 1	0.0%	2828413	< 1	< 1	0.0%	2828424	< 1	< 1	0.0%	2828439	< 1	< 1	0.0%
Al	2828399	3.11	3.05	1.9%	2828413	2.37	2.41	1.7%	2828424	3.23	3.19	1.2%	2828439	3.38	3.37	0.3%
As	2828399	< 5	< 5	0.0%	2828413	< 5	< 5	0.0%	2828424	< 5	< 5	0.0%	2828439	< 5	< 5	0.0%
B	2828399	< 20	< 20	0.0%	2828413	< 20	< 20	0.0%	2828424	< 20	< 20	0.0%	2828439	< 20	< 20	0.0%
Ba	2828399	4.0	3.2	22.2%	2828413	161	160	0.6%	2828424	44.0	38.7	12.8%	2828439	29.6	29.2	1.4%
Be	2828399	< 5	< 5	0.0%	2828413	< 5	< 5	0.0%	2828424	< 5	< 5	0.0%	2828439	< 5	< 5	0.0%
Bi	2828399	< 0.1	< 0.1	0.0%	2828413	< 0.1	< 0.1	0.0%	2828424	< 0.1	< 0.1	0.0%	2828439	< 0.1	< 0.1	0.0%
Ca	2828399	7.28	7.45	2.3%	2828413	9.71	9.90	1.9%	2828424	15.0	15.0	0.0%	2828439	13.9	13.8	0.7%
Cd	2828399	< 0.2	< 0.2	0.0%	2828413	< 0.2	< 0.2	0.0%	2828424	< 0.2	< 0.2	0.0%	2828439	< 0.2	< 0.2	0.0%
Ce	2828399	1.88	1.70	10.1%	2828413	14.2	14.2	0.0%	2828424	3.20	3.03	5.5%	2828439	2.71	2.76	1.8%
Co	2828399	90.1	88.3	2.0%	2828413	63.6	63.9	0.5%	2828424	90.3	88.4	2.1%	2828439	76.3	76.9	0.8%
Cr	2828399	0.238	0.274	14.1%	2828413	0.133	0.134	0.7%	2828424	0.208	0.201	3.4%	2828439	0.214	0.213	0.5%
Cs	2828399	0.52	0.58	10.9%	2828413	5.70	5.63	1.2%	2828424	1.8	1.8	0.0%	2828439	2.64	2.70	2.2%
Cu	2828399	30	32	6.5%	2828413	< 5	< 5	0.0%	2828424	70	67	4.4%	2828439	69	70	1.4%
Dy	2828399	1.02	1.01	1.0%	2828413	1.83	1.85	1.1%	2828424	1.82	1.82	0.0%	2828439	1.48	1.39	6.3%
Er	2828399	0.60	0.74	20.9%	2828413	1.12	1.11	0.9%	2828424	1.28	1.14	11.6%	2828439	0.927	0.918	1.0%
Eu	2828399	0.11	0.10	9.5%	2828413	0.529	0.537	1.5%	2828424	0.51	0.46	10.3%	2828439	0.235	0.243	3.3%
Fe	2828399	6.99	7.20	3.0%	2828413	6.20	6.31	1.8%	2828424	6.48	6.51	0.5%	2828439	7.05	7.04	0.1%
Ga	2828399	7.17	7.69	7.0%	2828413	8.28	8.79	6.0%	2828424	7.44	6.94	7.0%	2828439	7.38	7.59	2.8%
Gd	2828399	0.79	0.89	11.9%	2828413	1.95	2.16	10.2%	2828424	1.42	1.44	1.4%	2828439	1.08	1.09	0.9%
Ge	2828399	2	2	0.0%	2828413	2	2	0.0%	2828424	1	1	0.0%	2828439	1	< 1	
Hf	2828399	< 1	< 1	0.0%	2828413	< 1	< 1	0.0%	2828424	< 1	< 1	0.0%	2828439	< 1	< 1	0.0%
Ho	2828399	0.223	0.235	5.2%	2828413	0.404	0.409	1.2%	2828424	0.459	0.421	8.6%	2828439	0.32	0.30	6.5%
In	2828399	< 0.2	< 0.2	0.0%	2828413	< 0.2	< 0.2	0.0%	2828424	< 0.2	< 0.2	0.0%	2828439	< 0.2	< 0.2	0.0%
K	2828399	< 0.05	< 0.05	0.0%	2828413	0.59	0.59	0.0%	2828424	0.177	0.153	14.5%	2828439	0.13	0.13	0.0%
La	2828399	0.80	0.74	7.8%	2828413	4.6	4.7	2.2%	2828424	1.40	1.31	6.6%	2828439	1.15	1.11	3.5%
Li	2828399	< 10	< 10	0.0%	2828413	26	27	3.8%	2828424	24	23	4.3%	2828439	33	33	0.0%
Lu	2828399	0.09	0.09	0.0%	2828413	0.170	0.162	4.8%	2828424	0.183	0.208	12.8%	2828439	0.157	0.141	10.7%
Mg	2828399	12.0	12.6	4.9%	2828413	10.4	10.6	1.9%	2828424	8.98	8.85	1.5%	2828439	9.39	9.32	0.7%
Mn	2828399	1260	1310	3.9%	2828413	1600	1620	1.2%	2828424	2270	2260	0.4%	2828439	1700	1700	0.0%
Mo	2828399	< 2	< 2	0.0%	2828413	< 2	< 2	0.0%	2828424	< 2	< 2	0.0%	2828439	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Nb	2828399	< 1	< 1	0.0%	2828413	3	3	0.0%	2828424	< 1	< 1	0.0%	2828439	< 1	< 1	0.0%
Nd	2828399	1.4	1.4	0.0%	2828413	9.6	9.9	3.1%	2828424	2.46	2.25	8.9%	2828439	2.08	2.04	1.9%
Ni	2828399	1350	1560	14.4%	2828413	777	773	0.5%	2828424	994	968	2.7%	2828439	915	908	0.8%
P	2828399	< 0.01	< 0.01	0.0%	2828413	< 0.01	< 0.01	0.0%	2828424	< 0.01	< 0.01	0.0%	2828439	< 0.01	< 0.01	0.0%
Pb	2828399	< 5	< 5	0.0%	2828413	< 5	< 5	0.0%	2828424	< 5	< 5	0.0%	2828439	< 5	< 5	0.0%
Pr	2828399	0.280	0.288	2.8%	2828413	2.18	2.20	0.9%	2828424	0.48	0.44	8.7%	2828439	0.43	0.41	4.8%
Rb	2828399	1.15	1.12	2.6%	2828413	24.3	24.1	0.8%	2828424	6.4	5.9	8.1%	2828439	5.4	5.5	1.8%
S	2828399	0.193	0.200	3.6%	2828413	0.132	0.137	3.7%	2828424	0.47	0.47	0.0%	2828439	0.35	0.35	0.0%
Sb	2828399	< 0.1	< 0.1	0.0%	2828413	< 0.1	< 0.1	0.0%	2828424	< 0.1	< 0.1	0.0%	2828439	< 0.1	< 0.1	0.0%
Sc	2828399	20	21	4.9%	2828413	18	18	0.0%	2828424	23	22	4.4%	2828439	24	24	0.0%
Si	2828399	22.1	22.7	2.7%	2828413	22.4	22.8	1.8%	2828424	14.9	15.0	0.7%	2828439	15.7	15.6	0.6%
Sm	2828399	0.5	0.5	0.0%	2828413	2.1	2.2	4.7%	2828424	0.98	0.81	19.0%	2828439	0.7	0.7	0.0%
Sn	2828399	2	2	0.0%	2828413	3	3	0.0%	2828424	2	2	0.0%	2828439	2	2	0.0%
Sr	2828399	66.2	66.0	0.3%	2828413	121	123	1.6%	2828424	500	488	2.4%	2828439	339	337	0.6%
Ta	2828399	< 0.5	< 0.5	0.0%	2828413	< 0.5	< 0.5	0.0%	2828424	< 0.5	< 0.5	0.0%	2828439	< 0.5	< 0.5	0.0%
Tb	2828399	0.15	0.15	0.0%	2828413	0.32	0.32	0.0%	2828424	0.29	0.26	10.9%	2828439	0.21	0.20	4.9%
Th	2828399	< 0.1	< 0.1	0.0%	2828413	0.7	0.7	0.0%	2828424	< 0.1	< 0.1	0.0%	2828439	< 0.1	< 0.1	0.0%
Ti	2828399	0.16	0.17	6.1%	2828413	0.20	0.20	0.0%	2828424	0.18	0.18	0.0%	2828439	0.194	0.196	1.0%
Tl	2828399	< 0.5	< 0.5	0.0%	2828413	< 0.5	< 0.5	0.0%	2828424	< 0.5	< 0.5	0.0%	2828439	< 0.5	< 0.5	0.0%
Tm	2828399	0.099	0.108	8.7%	2828413	0.16	0.16	0.0%	2828424	0.208	0.191	8.5%	2828439	0.14	0.14	0.0%
U	2828399	0.14	0.10		2828413	0.473	0.498	5.1%	2828424	0.12	0.13	8.0%	2828439	0.11	0.11	0.0%
V	2828399	121	128	5.6%	2828413	152	152	0.0%	2828424	144	140	2.8%	2828439	144	140	2.8%
W	2828399	< 1	< 1	0.0%	2828413	< 1	< 1	0.0%	2828424	< 1	< 1	0.0%	2828439	< 1	< 1	0.0%
Y	2828399	5.55	5.56	0.2%	2828413	10.1	10.4	2.9%	2828424	12.0	11.8	1.7%	2828439	8.27	8.18	1.1%
Yb	2828399	0.6	0.6	0.0%	2828413	1.0	1.0	0.0%	2828424	1.27	1.25	1.6%	2828439	0.9	0.9	0.0%
Zn	2828399	51	53	3.8%	2828413	52	53	1.9%	2828424	51	48	6.1%	2828439	33	41	21.6%
Zr	2828399	15.8	14.6	7.9%	2828413	29.7	31.0	4.3%	2828424	15.5	15.2	2.0%	2828439	16.2	16.1	0.6%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O785151

PROJECT: 2021 SURIMEAU DDH BATCH 65

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.12	96%	90% - 110%					6.94	6.83	98%	90% - 110%	13.0	13	100%	90% - 110%
As	26	24	93%	90% - 110%												
Ba	540	507	94%	90% - 110%									1310	1271	97%	90% - 110%
Ca	0.907	0.912	101%	90% - 110%					4.01	3.94	98%	90% - 110%	1.42	1.45	102%	90% - 110%
Ce	98	106	108%	90% - 110%	58.2	63.3	109%	90% - 110%								
Co	15	13	89%	90% - 110%												
Cu	150	156	104%	90% - 110%												
Er	3.7	3.8	103%	90% - 110%												
Fe	3.77	3.77	100%	90% - 110%					7.56	7.57	100%	90% - 110%	3.27	3.34	102%	90% - 110%
Ga					22.6	23	102%	90% - 110%								
Hf	11	10	92%	90% - 110%												
K	2.55	2.42	95%	90% - 110%					2.02	1.96	97%	90% - 110%	3.68	3.71	101%	90% - 110%
La	44	46	106%	90% - 110%	27.5	28.9	105%	90% - 110%								
Li	47	47	100%	90% - 110%									65.0	69.6	107%	90% - 110%
Lu	0.6	0.6	95%	90% - 110%												
Mg	1.1	1	92%	90% - 110%					2.41	2.37	98%	90% - 110%				
Mn	780	741	95%	90% - 110%												
Mo	14	12	87%	90% - 110%												
Nb	20	19	94%	90% - 110%	22.6	21.7	96%	90% - 110%								
Nd					27.3	27.3	100%	90% - 110%								
Ni	32	23	72%	90% - 110%												
P													0.061	0.045	73%	90% - 110%
Pb	31	31	100%	90% - 110%												
Rb	144	144	100%	90% - 110%	85.4	85	99%	90% - 110%								
Sb	0.8	0.8	98%	90% - 110%												
Sc	12	12	97%	90% - 110%												
Si	28.4	29.7	105%	90% - 110%					23.65	24.14	102%	90% - 110%	24.4	26	107%	90% - 110%
Sm	7.4	7.7	103%	90% - 110%												
Sr	144	152	106%	90% - 110%									310	327	105%	90% - 110%
Ta	1.9	2.2	116%	90% - 110%												
Tb	1.2	1.2	101%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Th	18.4	19.3	105%	90% - 110%												
Ti	0.527	0.498	94%	90% - 110%									0.222	0.212	96%	90% - 110%
U	5.7	5.9	103%	90% - 110%												
V	77	80	104%	90% - 110%												
W	5	5	102%	90% - 110%												
Y	40	35	88%	90% - 110%	25.3	24.9	99%	90% - 110%								
Yb					2.66	2.87	108%	90% - 110%								
Zn	130	118	91%	90% - 110%									75.4	75.7	100%	90% - 110%
Zr	390	371	95%	90% - 110%	157	147	93%	90% - 110%								

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED
AGAT WORK ORDER: 21O785151
PROJECT: 2021 SURIMEAU DDH BATCH 65
ATTENTION TO: Francis Newton
SAMPLING SITE:
SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O785151

PROJECT: 2021 SURIMEAU DDH BATCH 65

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O785151

PROJECT: 2021 SURIMEAU DDH BATCH 65

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 SURIMEAU DDH BATCH 66

AGAT WORK ORDER: 21O785358

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 21, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785358

PROJECT: 2021 SURIMEAU DDH BATCH 66

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
48951 (2831378)	2.10
48952 (2831379)	0.58
48953 (2831380)	2.60
48954 (2831381)	2.23
48955 (2831382)	0.11
48956 (2831383)	2.31
48957 (2831384)	2.34
48958 (2831385)	2.35
48959 (2831386)	2.48
48960 (2831387)	2.49
48961 (2831388)	2.40
48962 C-DUP (2831389)	-
48963 (2831390)	2.61
48964 (2831391)	0.84
48965 (2831392)	1.09
48966 (2831393)	2.61
48967 (2831394)	2.46
48968 (2831395)	2.72
48969 (2831396)	2.41
48970 (2831397)	2.37
48971 (2831398)	2.89
48972 (2831399)	0.67
48973 (2831400)	2.81
48974 (2831401)	2.72
48975 (2831402)	2.77
48976 (2831403)	2.84
48977 (2831404)	2.61
48978 (2831405)	2.64
48979 (2831406)	2.79
48980 (2831407)	2.56
48981 (2831408)	2.80

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785358

PROJECT: 2021 SURIMEAU DDH BATCH 66

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
48982 (2831409)	2.66
48983 (2831410)	2.62
48984 (2831411)	2.68
48985 (2831412)	2.66
48986 (2831413)	2.80
48987 (2831414)	2.74
48988 (2831415)	3.17
48989 (2831416)	2.45
48990 (2831417)	2.56
48991 (2831418)	1.08
48992 (2831419)	1.20
48993 (2831420)	2.28
48994 (2831421)	2.57
48995 C-DUP (2831422)	-
48996 (2831423)	2.65
48997 (2831424)	2.84
48998 (2831425)	2.65
48999 (2831426)	2.75
49000 (2831427)	2.94

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785358

PROJECT: 2021 SURIMEAU DDH BATCH 66

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
48951 (2831378)	<1	3.25	<5	<20	7.3	<5	0.3	9.53	<0.2	2.8	83.4	0.211	0.5	18
48952 (2831379)	<1	0.03	<5	38	618	<5	<0.1	20.3	0.3	1.0	<0.5	<0.005	0.2	<5
48953 (2831380)	<1	2.91	<5	<20	56.4	<5	1.0	10.0	<0.2	2.4	83.9	0.197	2.1	110
48954 (2831381)	<1	3.91	<5	<20	442	<5	1.6	5.54	0.2	2.3	76.1	0.189	17.2	<5
48955 (2831382)	4	1.04	26	<20	64.1	<5	0.7	2.45	0.9	11.4	1180	0.024	0.4	15110
48956 (2831383)	<1	5.17	<5	<20	833	<5	0.4	5.52	<0.2	37.6	62.0	0.141	22.9	5
48957 (2831384)	<1	4.97	<5	<20	116	<5	0.7	3.95	<0.2	3.6	109	0.230	7.9	74
48958 (2831385)	<1	2.86	<5	<20	2.2	<5	0.6	5.69	<0.2	2.4	85.4	0.222	0.3	66
48959 (2831386)	<1	2.41	<5	<20	2.9	<5	1.0	6.09	<0.2	2.1	84.4	0.189	0.4	16
48960 (2831387)	<1	2.80	<5	<20	1.7	<5	0.9	4.54	<0.2	1.8	95.1	0.216	0.5	<5
48961 (2831388)	<1	2.52	<5	<20	1.5	<5	1.1	5.71	<0.2	2.0	90.9	0.208	0.5	12
48962 C-DUP (2831389)	<1	2.60	<5	<20	2.3	<5	1.0	5.87	<0.2	1.8	91.5	0.210	0.4	14
48963 (2831390)	<1	2.91	<5	<20	1.7	<5	0.6	4.45	<0.2	1.4	92.2	0.221	0.5	10
48964 (2831391)	<1	3.33	<5	<20	2.3	<5	0.6	4.93	<0.2	1.6	99.4	0.244	0.4	29
48965 (2831392)	<1	3.45	<5	<20	2.4	<5	0.7	4.93	<0.2	1.5	98.5	0.255	0.6	34
48966 (2831393)	<1	2.70	<5	<20	1.9	<5	0.4	7.52	<0.2	2.0	81.2	0.194	0.3	64
48967 (2831394)	<1	3.70	<5	<20	2.5	<5	0.4	5.97	<0.2	1.5	96.1	0.270	0.3	71
48968 (2831395)	<1	5.33	<5	<20	3.2	<5	0.8	7.92	<0.2	2.0	144	0.367	0.5	90
48969 (2831396)	<1	3.60	<5	<20	2.4	<5	0.5	6.72	<0.2	1.8	97.7	0.256	0.2	111
48970 (2831397)	<1	3.27	<5	<20	4.4	<5	0.8	6.10	<0.2	2.0	92.3	0.239	0.4	42
48971 (2831398)	<1	2.72	<5	<20	2.2	<5	0.5	7.06	0.2	2.1	79.4	0.198	0.3	33
48972 (2831399)	<1	0.03	<5	27	192	<5	<0.1	22.4	<0.2	0.7	<0.5	<0.005	0.2	<5
48973 (2831400)	<1	3.28	<5	<20	3.9	<5	0.5	8.81	<0.2	2.2	85.6	0.222	0.4	103
48974 (2831401)	<1	3.74	<5	<20	2.0	<5	0.6	5.41	<0.2	1.5	99.5	0.270	0.4	115
48975 (2831402)	<1	3.28	<5	<20	3.5	<5	0.6	6.24	<0.2	2.1	91.9	0.225	0.4	59
48976 (2831403)	<1	3.58	<5	<20	3.7	<5	0.7	5.82	<0.2	2.1	81.6	0.244	0.7	28
48977 (2831404)	<1	3.65	<5	<20	2.1	<5	0.7	4.64	<0.2	2.0	96.1	0.255	0.6	55
48978 (2831405)	<1	3.36	<5	<20	2.2	<5	0.9	5.04	<0.2	1.8	87.8	0.237	0.4	49
48979 (2831406)	<1	3.15	<5	<20	47.7	<5	1.0	5.76	<0.2	1.3	78.9	0.216	4.0	75
48980 (2831407)	<1	3.46	<5	<20	0.8	<5	0.5	6.02	<0.2	2.5	88.5	0.245	0.2	102
48981 (2831408)	<1	3.50	<5	<20	1.9	<5	0.5	5.24	<0.2	1.8	91.6	0.252	0.4	35
48982 (2831409)	<1	3.22	<5	<20	2.7	<5	0.7	4.51	<0.2	1.5	84.5	0.223	0.6	10

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785358

PROJECT: 2021 SURIMEAU DDH BATCH 66

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
48983 (2831410)	<1	3.09	<5	<20	3.7	<5	0.7	4.99	<0.2	1.6	85.2	0.218	0.8	6
48984 (2831411)	<1	2.60	<5	<20	2.9	<5	0.9	5.72	<0.2	1.9	88.9	0.251	0.4	11
48985 (2831412)	<1	2.93	<5	<20	2.8	<5	0.7	5.40	<0.2	1.8	86.4	0.210	0.5	22
48986 (2831413)	<1	3.20	<5	<20	2.2	<5	0.6	5.75	<0.2	1.7	89.3	0.238	0.4	51
48987 (2831414)	<1	2.97	<5	<20	2.5	<5	0.4	6.41	<0.2	1.8	79.0	0.196	0.4	70
48988 (2831415)	<1	3.76	<5	<20	290	<5	0.5	6.09	<0.2	5.1	88.4	0.244	11.3	88
48989 (2831416)	<1	3.06	<5	<20	3.8	<5	0.4	6.10	<0.2	1.7	85.4	0.208	0.4	37
48990 (2831417)	<1	3.12	<5	<20	4.2	<5	0.6	5.32	<0.2	1.8	91.4	0.224	0.5	24
48991 (2831418)	<1	2.57	<5	<20	2.1	<5	0.7	5.85	<0.2	2.0	85.4	0.203	0.4	<5
48992 (2831419)	<1	2.65	<5	<20	2.7	<5	0.7	6.00	<0.2	2.2	85.2	0.240	0.5	21
48993 (2831420)	<1	2.81	<5	<20	2.7	<5	0.5	4.84	<0.2	1.6	90.8	0.276	0.4	21
48994 (2831421)	<1	3.11	<5	<20	3.2	<5	0.2	4.05	<0.2	1.6	93.9	0.266	0.6	8
48995 C-DUP (2831422)	<1	3.09	<5	<20	3.1	<5	0.2	4.09	<0.2	1.6	93.3	0.255	0.5	9
48996 (2831423)	<1	3.21	<5	<20	4.2	<5	0.3	4.84	<0.2	1.8	89.1	0.257	0.6	6
48997 (2831424)	<1	2.89	<5	<20	3.1	<5	0.3	6.48	<0.2	2.0	85.4	0.222	0.5	56
48998 (2831425)	<1	3.10	<5	<20	3.0	<5	0.3	6.26	<0.2	1.8	84.4	0.241	0.4	32
48999 (2831426)	<1	3.00	<5	<20	4.0	<5	0.3	5.43	<0.2	1.9	87.9	0.223	0.4	17
49000 (2831427)	<1	2.96	<5	<20	2.6	<5	0.3	4.55	<0.2	1.6	85.8	0.233	0.5	10

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785358

PROJECT: 2021 SURIMEAU DDH BATCH 66

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
48951 (2831378)	1.39	0.89	0.29	6.83	6.43	1.07	2	<1	0.29	<0.2	<0.05	1.1	12	0.12
48952 (2831379)	0.05	<0.05	<0.05	0.07	0.09	0.07	<1	<1	<0.05	<0.2	<0.05	0.7	<10	<0.05
48953 (2831380)	1.42	0.95	0.35	6.13	7.45	1.13	2	<1	0.32	<0.2	0.21	1.1	18	0.13
48954 (2831381)	1.03	0.75	0.42	6.24	11.8	0.99	2	<1	0.24	<0.2	1.68	0.9	91	0.09
48955 (2831382)	0.99	0.52	0.24	34.3	2.97	1.12	<1	<1	0.21	<0.2	0.10	5.6	<10	0.08
48956 (2831383)	2.00	0.93	1.22	6.85	12.7	3.03	3	2	0.38	<0.2	2.21	16.7	83	0.11
48957 (2831384)	1.36	0.74	0.29	8.70	12.2	1.48	2	<1	0.29	<0.2	0.57	1.2	79	0.10
48958 (2831385)	1.02	0.65	0.18	6.59	6.58	0.83	2	<1	0.24	<0.2	<0.05	0.9	<10	0.11
48959 (2831386)	1.18	0.70	0.18	6.45	5.37	0.82	2	<1	0.25	<0.2	<0.05	0.8	<10	0.10
48960 (2831387)	1.06	0.58	0.13	6.73	5.91	0.76	2	<1	0.25	<0.2	<0.05	0.7	<10	0.09
48961 (2831388)	1.26	0.75	0.32	6.53	4.95	0.91	1	<1	0.27	<0.2	<0.05	0.6	<10	0.08
48962 C-DUP (2831389)	1.10	0.69	0.24	6.57	5.30	0.99	2	<1	0.23	<0.2	<0.05	0.7	<10	0.10
48963 (2831390)	1.06	0.67	0.16	7.00	6.17	0.77	<1	<1	0.20	<0.2	<0.05	0.5	<10	0.07
48964 (2831391)	1.12	0.69	0.16	7.36	7.80	0.98	1	<1	0.25	<0.2	<0.05	0.6	<10	0.10
48965 (2831392)	1.10	0.77	0.12	7.37	7.91	0.79	2	<1	0.23	<0.2	<0.05	0.5	<10	0.09
48966 (2831393)	1.28	0.91	0.30	6.55	4.82	0.96	1	<1	0.28	<0.2	<0.05	0.7	<10	0.12
48967 (2831394)	1.10	0.77	0.32	7.95	7.43	0.94	1	<1	0.27	<0.2	<0.05	0.5	<10	0.11
48968 (2831395)	1.85	1.14	0.36	11.4	10.2	1.47	2	<1	0.39	<0.2	<0.05	0.7	<10	0.16
48969 (2831396)	1.30	0.77	0.30	7.74	7.09	0.89	1	<1	0.29	<0.2	<0.05	0.7	<10	0.12
48970 (2831397)	1.28	0.78	0.21	7.31	5.67	0.88	1	<1	0.23	<0.2	<0.05	0.7	<10	0.10
48971 (2831398)	1.35	0.78	0.28	6.80	5.03	0.90	2	<1	0.28	<0.2	<0.05	0.6	<10	0.12
48972 (2831399)	0.06	<0.05	<0.05	0.06	<0.01	0.05	<1	<1	<0.05	<0.2	<0.05	0.4	<10	<0.05
48973 (2831400)	1.51	1.03	0.48	7.13	5.53	1.10	2	<1	0.27	<0.2	<0.05	0.8	<10	0.14
48974 (2831401)	0.97	0.73	0.29	7.89	7.40	0.73	2	<1	0.21	<0.2	<0.05	0.5	<10	0.10
48975 (2831402)	1.41	0.83	0.21	7.58	5.60	0.98	2	<1	0.29	<0.2	<0.05	0.7	<10	0.11
48976 (2831403)	1.36	1.01	0.23	7.51	7.26	1.10	1	<1	0.29	<0.2	<0.05	0.9	<10	0.14
48977 (2831404)	1.46	0.96	0.24	7.81	8.39	1.09	2	<1	0.30	<0.2	<0.05	0.7	<10	0.12
48978 (2831405)	1.20	0.73	0.18	7.42	7.92	1.04	2	<1	0.26	<0.2	<0.05	0.7	<10	0.09
48979 (2831406)	1.06	0.64	0.22	6.94	8.50	0.93	3	<1	0.24	<0.2	0.28	0.4	<10	0.11
48980 (2831407)	1.47	1.02	0.23	7.61	7.45	1.36	2	<1	0.35	<0.2	<0.05	0.8	<10	0.16
48981 (2831408)	1.16	0.81	0.20	7.59	7.90	0.99	2	<1	0.22	<0.2	<0.05	0.6	<10	0.12
48982 (2831409)	1.21	0.76	0.14	7.51	6.73	0.80	2	<1	0.25	<0.2	<0.05	0.6	<10	0.11

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785358

PROJECT: 2021 SURIMEAU DDH BATCH 66

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
48983 (2831410)	1.05	0.72	0.18	7.23	6.74	0.97	1	<1	0.24	<0.2	<0.05	0.7	<10	0.10
48984 (2831411)	1.01	0.80	0.24	6.92	5.57	0.96	1	<1	0.26	<0.2	<0.05	0.6	<10	0.09
48985 (2831412)	1.11	0.74	0.22	7.07	6.27	0.88	1	<1	0.25	<0.2	<0.05	0.7	<10	0.10
48986 (2831413)	1.29	0.90	0.20	7.34	6.57	1.02	1	<1	0.30	<0.2	<0.05	0.7	<10	0.12
48987 (2831414)	1.35	0.91	0.26	7.13	6.25	1.06	2	<1	0.29	<0.2	<0.05	0.7	<10	0.12
48988 (2831415)	1.31	0.86	0.36	7.64	8.38	1.22	2	<1	0.27	<0.2	0.99	2.1	37	0.11
48989 (2831416)	1.34	0.73	0.23	7.33	5.61	0.79	2	<1	0.27	<0.2	<0.05	0.7	<10	0.11
48990 (2831417)	1.12	0.78	0.16	7.24	7.24	1.00	1	<1	0.24	<0.2	<0.05	0.6	<10	0.08
48991 (2831418)	1.18	0.75	0.15	6.47	5.02	0.92	1	<1	0.25	<0.2	<0.05	0.7	<10	0.09
48992 (2831419)	1.20	0.77	0.22	6.87	6.41	0.95	2	<1	0.25	<0.2	<0.05	0.8	<10	0.08
48993 (2831420)	1.04	0.63	0.20	6.99	6.35	0.74	1	<1	0.20	<0.2	<0.05	0.6	<10	0.08
48994 (2831421)	1.06	0.72	0.12	7.50	6.70	0.87	<1	<1	0.25	<0.2	<0.05	0.6	<10	0.12
48995 C-DUP (2831422)	1.08	0.79	0.15	7.43	6.89	0.84	1	<1	0.27	<0.2	<0.05	0.6	<10	0.12
48996 (2831423)	1.24	0.80	0.17	7.32	6.58	0.96	1	<1	0.23	<0.2	<0.05	0.7	<10	0.10
48997 (2831424)	1.38	0.82	0.27	7.12	5.67	1.11	1	<1	0.24	<0.2	<0.05	0.7	<10	0.12
48998 (2831425)	1.30	0.85	0.24	6.94	5.81	0.96	2	<1	0.31	<0.2	<0.05	0.7	<10	0.13
48999 (2831426)	1.36	0.80	0.13	7.16	6.53	1.04	2	<1	0.28	<0.2	<0.05	0.7	<10	0.09
49000 (2831427)	0.93	0.69	0.14	7.25	7.53	0.91	1	<1	0.23	<0.2	<0.05	0.5	<10	0.12

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785358

PROJECT: 2021 SURIMEAU DDH BATCH 66

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
48951 (2831378)	11.9	1420	<2	<1	2.4	1100	<0.01	<5	0.46	1.0	0.27	0.1	23	21.7
48952 (2831379)	13.3	475	<2	<1	0.3	<5	<0.01	<5	0.09	0.4	0.34	0.2	<5	7.99
48953 (2831380)	11.8	1590	<2	<1	1.8	1080	<0.01	<5	0.34	9.1	0.45	<0.1	21	20.6
48954 (2831381)	12.2	1260	<2	2	2.0	1130	<0.01	8	0.39	75.1	0.09	0.1	18	24.0
48955 (2831382)	1.75	582	<2	1	5.1	23977	<0.01	41	1.33	3.9	21.1	0.4	7	7.63
48956 (2831383)	10.5	1230	<2	2	18.5	765	0.08	7	4.84	96.2	0.08	<0.1	19	24.3
48957 (2831384)	13.5	1330	<2	1	3.6	1410	0.02	<5	0.63	26.5	0.16	<0.1	22	20.9
48958 (2831385)	14.4	1140	<2	<1	1.6	1380	<0.01	<5	0.38	0.7	0.43	0.1	18	22.2
48959 (2831386)	15.0	1310	<2	<1	1.5	1320	0.01	<5	0.28	1.0	0.17	0.2	18	19.5
48960 (2831387)	15.7	1170	<2	<1	1.4	1490	<0.01	<5	0.26	0.9	0.12	0.1	18	20.5
48961 (2831388)	15.2	1240	<2	<1	1.5	1530	<0.01	10	0.31	0.8	0.16	0.1	18	19.7
48962 C-DUP (2831389)	15.2	1260	<2	<1	1.5	1540	<0.01	<5	0.31	0.8	0.16	0.2	18	19.5
48963 (2831390)	15.2	1170	<2	<1	1.2	1360	<0.01	<5	0.21	1.1	0.11	<0.1	20	21.6
48964 (2831391)	15.2	1170	<2	<1	1.3	1400	<0.01	8	0.25	0.7	0.17	<0.1	24	20.4
48965 (2831392)	15.2	1210	<2	<1	1.4	1430	0.01	<5	0.26	0.8	0.17	<0.1	25	21.0
48966 (2831393)	13.7	1260	<2	<1	1.6	1110	0.02	<5	0.31	0.3	0.24	<0.1	20	18.7
48967 (2831394)	15.1	1190	<2	<1	1.6	1350	<0.01	<5	0.28	0.5	0.28	<0.1	26	20.7
48968 (2831395)	21.3	1720	<2	<1	2.2	2070	<0.01	<5	0.40	1.0	0.41	<0.1	36	30.7
48969 (2831396)	14.9	1260	<2	<1	1.6	1470	0.02	<5	0.27	0.4	0.38	<0.1	24	20.0
48970 (2831397)	15.5	1300	<2	<1	1.5	1540	0.01	<5	0.29	1.4	0.23	0.2	20	21.3
48971 (2831398)	14.5	1310	<2	<1	1.7	1130	0.01	<5	0.32	0.6	0.22	<0.1	20	21.1
48972 (2831399)	13.3	397	<2	<1	0.3	6	0.01	<5	0.07	0.5	0.35	0.1	<5	7.61
48973 (2831400)	14.0	1400	<2	<1	1.8	1250	0.01	<5	0.35	0.6	0.45	<0.1	22	19.3
48974 (2831401)	15.3	1140	<2	<1	1.3	1510	0.01	<5	0.23	0.7	0.52	<0.1	25	21.7
48975 (2831402)	15.5	1370	<2	<1	2.0	1320	0.01	<5	0.34	0.9	0.35	0.1	22	20.6
48976 (2831403)	15.9	1400	<2	<1	1.8	1100	<0.01	<5	0.32	1.3	0.23	<0.1	24	19.5
48977 (2831404)	16.1	1200	<2	<1	1.6	1430	0.02	<5	0.31	0.8	0.30	<0.1	25	21.9
48978 (2831405)	15.8	1330	<2	<1	1.5	1390	<0.01	<5	0.26	0.6	0.31	0.2	22	22.3
48979 (2831406)	14.5	1190	<2	<1	1.3	1250	<0.01	6	0.24	13.7	0.56	<0.1	22	24.7
48980 (2831407)	14.9	1340	<2	<1	2.1	1260	0.03	<5	0.41	0.6	0.60	0.2	24	21.3
48981 (2831408)	15.8	1300	<2	<1	1.4	1230	0.01	<5	0.27	0.9	0.28	<0.1	25	21.8
48982 (2831409)	15.9	1260	<2	<1	1.5	1290	<0.01	<5	0.23	1.1	0.15	<0.1	24	21.9

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785358

PROJECT: 2021 SURIMEAU DDH BATCH 66

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
48983 (2831410)	16.0	1280	<2	<1	1.6	1350	<0.01	<5	0.31	1.5	0.12	<0.1	21	20.6
48984 (2831411)	16.0	1300	<2	<1	1.7	1540	<0.01	<5	0.27	0.9	0.18	<0.1	18	20.7
48985 (2831412)	15.6	1340	<2	<1	1.6	1440	<0.01	<5	0.27	1.1	0.17	0.1	20	20.9
48986 (2831413)	15.3	1310	<2	<1	1.5	1390	<0.01	<5	0.27	0.9	0.26	<0.1	23	21.4
48987 (2831414)	15.0	1260	<2	<1	1.6	1130	<0.01	<5	0.31	0.8	0.30	0.1	22	22.9
48988 (2831415)	14.3	1320	<2	1	3.4	1350	0.02	<5	0.79	43.4	0.31	<0.1	24	22.1
48989 (2831416)	15.3	1410	<2	<1	1.7	1220	<0.01	7	0.29	1.3	0.21	<0.1	20	21.5
48990 (2831417)	16.0	1300	<2	<1	1.4	1430	<0.01	<5	0.26	0.9	0.14	0.1	21	21.5
48991 (2831418)	16.1	1240	<2	<1	1.7	1590	<0.01	<5	0.33	0.9	0.12	<0.1	18	20.2
48992 (2831419)	16.3	1350	<2	<1	1.7	1790	<0.01	<5	0.31	1.1	0.11	<0.1	18	20.0
48993 (2831420)	16.6	1260	<2	<1	1.1	2090	<0.01	<5	0.24	0.8	0.10	<0.1	20	22.0
48994 (2831421)	16.5	1280	<2	<1	1.3	1700	<0.01	<5	0.26	1.2	0.07	0.1	22	22.0
48995 C-DUP (2831422)	16.1	1290	<2	<1	1.5	1630	<0.01	<5	0.26	1.2	0.08	<0.1	22	21.9
48996 (2831423)	15.8	1400	<2	<1	1.4	1570	0.01	<5	0.28	1.4	0.10	<0.1	21	21.0
48997 (2831424)	15.2	1360	<2	<1	1.9	1320	0.01	<5	0.29	1.1	0.23	0.4	22	21.9
48998 (2831425)	15.1	1150	<2	<1	1.3	1390	<0.01	<5	0.27	1.0	0.19	<0.1	24	22.2
48999 (2831426)	16.0	1260	<2	<1	1.6	1440	<0.01	<5	0.26	0.9	0.13	0.1	21	22.7
49000 (2831427)	16.2	1360	<2	<1	1.5	1480	<0.01	<5	0.24	1.0	0.11	<0.1	20	24.6

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785358

PROJECT: 2021 SURIMEAU DDH BATCH 66

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
48951 (2831378)	0.8	<1	105	<0.5	0.20	0.2	0.19	<0.5	0.13	0.13	136	<1	7.5	0.9
48952 (2831379)	<0.1	<1	158	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.45	<5	<1	0.6	<0.1
48953 (2831380)	0.7	<1	160	<0.5	0.19	<0.1	0.16	<0.5	0.13	0.14	117	<1	8.6	1.0
48954 (2831381)	1.0	2	61.6	<0.5	0.20	<0.1	0.18	1.0	0.11	0.17	101	<1	6.1	0.6
48955 (2831382)	1.1	1	35.7	<0.5	0.16	1.1	0.11	<0.5	0.08	0.32	55	3	5.0	0.5
48956 (2831383)	3.5	2	423	<0.5	0.34	2.9	0.32	1.4	0.14	0.93	142	<1	9.7	0.9
48957 (2831384)	1.2	<1	38.5	<0.5	0.24	0.3	0.18	<0.5	0.11	0.22	141	<1	7.0	0.7
48958 (2831385)	0.6	<1	87.4	<0.5	0.17	0.1	0.17	<0.5	0.09	0.16	104	<1	5.7	0.6
48959 (2831386)	0.8	<1	221	<0.5	0.16	<0.1	0.14	<0.5	0.10	0.12	97	<1	6.3	0.8
48960 (2831387)	0.6	<1	167	<0.5	0.16	<0.1	0.15	<0.5	0.08	0.11	110	<1	5.8	0.6
48961 (2831388)	0.6	<1	221	<0.5	0.14	<0.1	0.14	<0.5	0.11	0.10	102	<1	6.8	0.8
48962 C-DUP (2831389)	0.8	<1	231	<0.5	0.16	<0.1	0.14	<0.5	0.10	0.10	103	<1	6.8	0.7
48963 (2831390)	0.5	<1	112	<0.5	0.15	<0.1	0.17	<0.5	0.08	0.11	116	<1	5.6	0.7
48964 (2831391)	0.5	<1	135	<0.5	0.18	<0.1	0.19	<0.5	0.10	0.10	138	<1	6.3	0.7
48965 (2831392)	0.6	<1	126	<0.5	0.13	<0.1	0.21	<0.5	0.12	0.11	139	<1	6.0	0.8
48966 (2831393)	0.5	<1	233	<0.5	0.19	<0.1	0.16	<0.5	0.11	0.10	113	<1	7.4	0.9
48967 (2831394)	0.8	<1	137	<0.5	0.17	<0.1	0.22	<0.5	0.11	0.11	157	<1	7.1	0.7
48968 (2831395)	0.9	<1	150	<0.5	0.27	0.1	0.31	<0.5	0.16	0.16	223	<1	9.7	1.1
48969 (2831396)	0.6	<1	179	<0.5	0.14	<0.1	0.19	<0.5	0.10	0.09	149	<1	7.1	0.6
48970 (2831397)	0.7	<1	171	<0.5	0.14	<0.1	0.18	<0.5	0.11	0.11	127	1	6.6	0.8
48971 (2831398)	0.7	<1	190	<0.5	0.18	<0.1	0.17	<0.5	0.13	0.07	112	1	7.4	0.9
48972 (2831399)	<0.1	<1	143	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.34	<5	<1	<0.5	<0.1
48973 (2831400)	0.8	<1	273	<0.5	0.22	0.1	0.18	<0.5	0.12	0.14	132	<1	9.0	1.0
48974 (2831401)	0.4	<1	107	<0.5	0.13	<0.1	0.22	<0.5	0.10	0.12	146	<1	5.4	0.7
48975 (2831402)	0.7	<1	196	<0.5	0.18	<0.1	0.18	<0.5	0.12	0.14	129	<1	7.4	0.8
48976 (2831403)	0.8	<1	215	<0.5	0.18	<0.1	0.21	<0.5	0.13	0.11	142	<1	7.3	0.9
48977 (2831404)	0.8	<1	113	<0.5	0.24	<0.1	0.19	<0.5	0.15	0.12	155	<1	7.8	0.9
48978 (2831405)	0.7	<1	121	<0.5	0.16	<0.1	0.17	<0.5	0.10	0.11	128	<1	6.9	0.8
48979 (2831406)	0.5	<1	35.6	<0.5	0.16	<0.1	0.17	<0.5	0.09	0.12	130	<1	6.5	0.7
48980 (2831407)	0.8	<1	123	<0.5	0.20	<0.1	0.20	<0.5	0.13	0.14	145	<1	8.8	0.9
48981 (2831408)	0.6	<1	127	<0.5	0.18	<0.1	0.21	<0.5	0.12	0.12	145	<1	6.7	0.8
48982 (2831409)	0.6	<1	127	<0.5	0.16	<0.1	0.18	<0.5	0.09	0.13	129	<1	6.4	0.7

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785358

PROJECT: 2021 SURIMEAU DDH BATCH 66

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
48983 (2831410)	0.5	<1	195	<0.5	0.17	<0.1	0.17	<0.5	0.11	0.12	124	<1	6.4	0.7
48984 (2831411)	0.6	<1	228	<0.5	0.16	<0.1	0.13	<0.5	0.12	0.14	104	<1	6.4	0.8
48985 (2831412)	0.7	<1	192	<0.5	0.16	<0.1	0.16	<0.5	0.08	0.14	114	<1	6.6	0.8
48986 (2831413)	0.6	<1	159	<0.5	0.17	<0.1	0.18	<0.5	0.10	0.14	127	<1	7.2	0.8
48987 (2831414)	0.7	<1	132	<0.5	0.18	<0.1	0.16	<0.5	0.11	0.19	127	<1	7.4	0.9
48988 (2831415)	0.9	1	140	<0.5	0.20	0.4	0.21	0.6	0.12	0.24	141	<1	6.8	0.8
48989 (2831416)	0.6	<1	175	<0.5	0.18	<0.1	0.17	<0.5	0.12	0.14	119	<1	7.1	0.8
48990 (2831417)	0.5	<1	171	<0.5	0.17	<0.1	0.18	<0.5	0.12	0.11	121	<1	6.2	0.7
48991 (2831418)	0.5	<1	273	<0.5	0.15	<0.1	0.14	<0.5	0.13	0.11	102	<1	6.5	0.7
48992 (2831419)	0.6	<1	279	<0.5	0.17	<0.1	0.15	<0.5	0.10	0.11	108	<1	6.1	0.7
48993 (2831420)	0.5	<1	176	<0.5	0.15	<0.1	0.15	<0.5	0.09	0.10	116	<1	5.6	0.7
48994 (2831421)	0.5	<1	131	<0.5	0.16	<0.1	0.18	<0.5	0.12	0.11	130	<1	6.3	0.7
48995 C-DUP (2831422)	0.7	<1	134	<0.5	0.16	<0.1	0.18	<0.5	0.11	0.10	128	<1	6.4	0.8
48996 (2831423)	0.7	<1	166	<0.5	0.19	<0.1	0.19	<0.5	0.10	0.13	124	<1	6.9	0.6
48997 (2831424)	0.7	<1	166	<0.5	0.19	<0.1	0.16	<0.5	0.13	0.10	108	<1	7.8	0.8
48998 (2831425)	0.6	<1	148	<0.5	0.17	<0.1	0.19	<0.5	0.14	0.13	126	<1	7.5	0.9
48999 (2831426)	0.6	<1	152	<0.5	0.16	<0.1	0.17	<0.5	0.10	0.12	117	<1	6.8	0.7
49000 (2831427)	0.5	<1	75.3	<0.5	0.11	<0.1	0.15	<0.5	0.10	0.14	110	<1	5.6	0.7

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785358

PROJECT: 2021 SURIMEAU DDH BATCH 66

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
48951 (2831378)	55	19.0
48952 (2831379)	68	1.0
48953 (2831380)	58	14.0
48954 (2831381)	91	10.4
48955 (2831382)	79	30.4
48956 (2831383)	90	68.2
48957 (2831384)	56	15.7
48958 (2831385)	49	17.9
48959 (2831386)	54	10.1
48960 (2831387)	56	16.6
48961 (2831388)	48	18.1
48962 C-DUP (2831389)	56	12.0
48963 (2831390)	51	13.5
48964 (2831391)	49	17.3
48965 (2831392)	58	16.0
48966 (2831393)	39	15.3
48967 (2831394)	57	16.3
48968 (2831395)	83	25.0
48969 (2831396)	56	10.3
48970 (2831397)	58	12.9
48971 (2831398)	48	12.9
48972 (2831399)	19	<0.5
48973 (2831400)	53	14.1
48974 (2831401)	60	19.0
48975 (2831402)	62	13.3
48976 (2831403)	50	14.3
48977 (2831404)	63	16.8
48978 (2831405)	60	14.0
48979 (2831406)	80	17.5
48980 (2831407)	61	14.1
48981 (2831408)	61	13.1
48982 (2831409)	57	12.9

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785358

PROJECT: 2021 SURIMEAU DDH BATCH 66

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
48983 (2831410)	56	11.7
48984 (2831411)	56	12.4
48985 (2831412)	55	15.0
48986 (2831413)	57	19.4
48987 (2831414)	55	15.4
48988 (2831415)	75	22.6
48989 (2831416)	59	19.2
48990 (2831417)	60	15.8
48991 (2831418)	51	16.7
48992 (2831419)	57	11.1
48993 (2831420)	49	9.5
48994 (2831421)	58	14.7
48995 C-DUP (2831422)	55	11.5
48996 (2831423)	50	12.6
48997 (2831424)	51	12.2
48998 (2831425)	47	11.4
48999 (2831426)	55	12.6
49000 (2831427)	61	18.7

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785358

PROJECT: 2021 SURIMEAU DDH BATCH 66

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
48951 (2831378)	80.82
48970 (2831397)	76.93
48990 (2831417)	80.24

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785358

PROJECT: 2021 SURIMEAU DDH BATCH 66

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 21, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
48951 (2831378)	89.90
48970 (2831397)	86.91
48990 (2831417)	87.77

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2831378	< 1	< 1	0.0%	2831392	< 1	< 1	0.0%	2831403	< 1	< 1	0.0%	2831418	< 1	< 1	0.0%
Al	2831378	3.25	3.21	1.2%	2831392	3.45	3.36	2.6%	2831403	3.58	3.58	0.0%	2831418	2.57	2.52	2.0%
As	2831378	< 5	< 5	0.0%	2831392	< 5	< 5	0.0%	2831403	< 5	< 5	0.0%	2831418	< 5	< 5	0.0%
B	2831378	< 20	< 20	0.0%	2831392	< 20	20		2831403	< 20	< 20	0.0%	2831418	< 20	< 20	0.0%
Ba	2831378	7.3	7.3	0.0%	2831392	2.4	1.5		2831403	3.7	3.4	8.5%	2831418	2.1	3.0	
Be	2831378	< 5	< 5	0.0%	2831392	< 5	< 5	0.0%	2831403	< 5	< 5	0.0%	2831418	< 5	< 5	0.0%
Bi	2831378	0.28	0.37	27.7%	2831392	0.67	0.58	14.4%	2831403	0.71	0.54	27.2%	2831418	0.67	0.65	3.0%
Ca	2831378	9.53	9.35	1.9%	2831392	4.93	4.84	1.8%	2831403	5.82	5.39	7.7%	2831418	5.85	5.84	0.2%
Cd	2831378	< 0.2	< 0.2	0.0%	2831392	< 0.2	< 0.2	0.0%	2831403	< 0.2	< 0.2	0.0%	2831418	< 0.2	< 0.2	0.0%
Ce	2831378	2.80	2.88	2.8%	2831392	1.5	1.5	0.0%	2831403	2.1	2.0	4.9%	2831418	2.0	2.0	0.0%
Co	2831378	83.4	83.8	0.5%	2831392	98.5	99.3	0.8%	2831403	81.6	82.3	0.9%	2831418	85.4	84.9	0.6%
Cr	2831378	0.211	0.208	1.4%	2831392	0.255	0.249	2.4%	2831403	0.244	0.243	0.4%	2831418	0.203	0.200	1.5%
Cs	2831378	0.50	0.43	15.1%	2831392	0.6	0.3		2831403	0.7	0.7	0.0%	2831418	0.4	0.4	0.0%
Cu	2831378	18	16	11.8%	2831392	34	37	8.5%	2831403	28	29	3.5%	2831418	< 5	< 5	0.0%
Dy	2831378	1.39	1.57	12.2%	2831392	1.10	1.24	12.0%	2831403	1.36	1.25	8.4%	2831418	1.18	1.00	16.5%
Er	2831378	0.889	0.875	1.6%	2831392	0.770	0.663	14.9%	2831403	1.01	0.80	23.2%	2831418	0.751	0.733	2.4%
Eu	2831378	0.292	0.330	12.2%	2831392	0.12	0.13	8.0%	2831403	0.23	0.22	4.4%	2831418	0.15	0.17	12.5%
Fe	2831378	6.83	6.76	1.0%	2831392	7.37	7.22	2.1%	2831403	7.51	7.55	0.5%	2831418	6.47	6.41	0.9%
Ga	2831378	6.43	7.74	18.5%	2831392	7.91	7.94	0.4%	2831403	7.26	7.18	1.1%	2831418	5.02	5.85	15.3%
Gd	2831378	1.07	1.23	13.9%	2831392	0.794	0.890	11.4%	2831403	1.10	1.05	4.7%	2831418	0.915	0.839	8.7%
Ge	2831378	2	2	0.0%	2831392	2	1		2831403	1	1	0.0%	2831418	1	1	0.0%
Hf	2831378	< 1	< 1	0.0%	2831392	< 1	< 1	0.0%	2831403	< 1	< 1	0.0%	2831418	< 1	< 1	0.0%
Ho	2831378	0.29	0.35	18.8%	2831392	0.233	0.256	9.4%	2831403	0.29	0.30	3.4%	2831418	0.249	0.256	2.8%
In	2831378	< 0.2	< 0.2	0.0%	2831392	< 0.2	< 0.2	0.0%	2831403	< 0.2	< 0.2	0.0%	2831418	< 0.2	< 0.2	0.0%
K	2831378	0.05	0.05	0.0%	2831392	< 0.05	< 0.05	0.0%	2831403	< 0.05	< 0.05	0.0%	2831418	< 0.05	< 0.05	0.0%
La	2831378	1.1	1.1	0.0%	2831392	0.55	0.56	1.8%	2831403	0.86	0.77	11.0%	2831418	0.7	0.8	13.3%
Li	2831378	12	13	8.0%	2831392	< 10	10		2831403	< 10	< 10	0.0%	2831418	< 10	< 10	0.0%
Lu	2831378	0.121	0.111	8.6%	2831392	0.089	0.083	7.0%	2831403	0.14	0.14	0.0%	2831418	0.09	0.11	20.0%
Mg	2831378	11.9	11.8	0.8%	2831392	15.2	15.2	0.0%	2831403	15.9	15.8	0.6%	2831418	16.1	16.1	0.0%
Mn	2831378	1420	1400	1.4%	2831392	1210	1180	2.5%	2831403	1400	1380	1.4%	2831418	1240	1220	1.6%
Mo	2831378	< 2	< 2	0.0%	2831392	< 2	< 2	0.0%	2831403	< 2	< 2	0.0%	2831418	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Nb	2831378	< 1	< 1	0.0%	2831392	< 1	< 1	0.0%	2831403	< 1	< 1	0.0%	2831418	< 1	< 1	0.0%
Nd	2831378	2.43	2.34	3.8%	2831392	1.4	1.4	0.0%	2831403	1.8	1.7	5.7%	2831418	1.7	1.5	12.5%
Ni	2831378	1100	1090	0.9%	2831392	1430	1390	2.8%	2831403	1100	1090	0.9%	2831418	1590	1540	3.2%
P	2831378	< 0.01	0.02		2831392	0.01	< 0.01		2831403	< 0.01	< 0.01	0.0%	2831418	< 0.01	< 0.01	0.0%
Pb	2831378	< 5	< 5	0.0%	2831392	< 5	< 5	0.0%	2831403	< 5	< 5	0.0%	2831418	< 5	< 5	0.0%
Pr	2831378	0.46	0.47	2.2%	2831392	0.26	0.26	0.0%	2831403	0.315	0.308	2.2%	2831418	0.327	0.304	7.3%
Rb	2831378	1.0	1.3	26.1%	2831392	0.77	0.62	21.6%	2831403	1.33	1.46	9.3%	2831418	0.9	1.0	10.5%
S	2831378	0.27	0.27	0.0%	2831392	0.168	0.162	3.6%	2831403	0.226	0.204	10.2%	2831418	0.12	0.12	0.0%
Sb	2831378	0.1	0.1	0.0%	2831392	< 0.1	< 0.1	0.0%	2831403	< 0.1	0.1		2831418	< 0.1	< 0.1	0.0%
Sc	2831378	23	24	4.3%	2831392	25	24	4.1%	2831403	24	25	4.1%	2831418	18	18	0.0%
Si	2831378	21.7	21.6	0.5%	2831392	21.0	20.7	1.4%	2831403	19.5	20.4	4.5%	2831418	20.2	20.0	1.0%
Sm	2831378	0.8	1.1		2831392	0.61	0.70	13.7%	2831403	0.8	0.5		2831418	0.5	0.5	0.0%
Sn	2831378	< 1	< 1	0.0%	2831392	< 1	< 1	0.0%	2831403	< 1	< 1	0.0%	2831418	< 1	< 1	0.0%
Sr	2831378	105	101	3.9%	2831392	126	125	0.8%	2831403	215	180	17.7%	2831418	273	269	1.5%
Ta	2831378	< 0.5	< 0.5	0.0%	2831392	< 0.5	< 0.5	0.0%	2831403	< 0.5	< 0.5	0.0%	2831418	< 0.5	< 0.5	0.0%
Tb	2831378	0.202	0.220	8.5%	2831392	0.13	0.15	14.3%	2831403	0.18	0.20	10.5%	2831418	0.15	0.15	0.0%
Th	2831378	0.2	0.2	0.0%	2831392	< 0.1	< 0.1	0.0%	2831403	< 0.1	< 0.1	0.0%	2831418	< 0.1	< 0.1	0.0%
Ti	2831378	0.19	0.19	0.0%	2831392	0.21	0.21	0.0%	2831403	0.206	0.203	1.5%	2831418	0.14	0.14	0.0%
Tl	2831378	< 0.5	< 0.5	0.0%	2831392	< 0.5	< 0.5	0.0%	2831403	< 0.5	< 0.5	0.0%	2831418	< 0.5	< 0.5	0.0%
Tm	2831378	0.127	0.114	10.8%	2831392	0.12	0.10	18.2%	2831403	0.13	0.12	8.0%	2831418	0.13	0.11	16.7%
U	2831378	0.13	0.14	7.4%	2831392	0.11	0.10	9.5%	2831403	0.11	0.11	0.0%	2831418	0.11	0.11	0.0%
V	2831378	136	135	0.7%	2831392	139	137	1.4%	2831403	142	145	2.1%	2831418	102	102	0.0%
W	2831378	< 1	< 1	0.0%	2831392	< 1	< 1	0.0%	2831403	< 1	< 1	0.0%	2831418	< 1	< 1	0.0%
Y	2831378	7.5	7.5	0.0%	2831392	6.05	6.39	5.5%	2831403	7.3	7.6	4.0%	2831418	6.48	6.01	7.5%
Yb	2831378	0.9	0.9	0.0%	2831392	0.77	0.73	5.3%	2831403	0.92	0.83	10.3%	2831418	0.7	0.7	0.0%
Zn	2831378	55	54	1.8%	2831392	58	53	9.0%	2831403	50	54	7.7%	2831418	51	48	6.1%
Zr	2831378	19.0	17.9	6.0%	2831392	16.0	17.6	9.5%	2831403	14.3	16.7	15.5%	2831418	16.7	14.8	12.1%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O785358

PROJECT: 2021 SURIMEAU DDH BATCH 66

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.32	98%	90% - 110%					6.94	7.17	103%	90% - 110%	13.0	13.5	104%	90% - 110%
As	26	26	99%	90% - 110%												
Ba	540	535	99%	90% - 110%									1310	1372	105%	90% - 110%
Be	4.0	3.8	96%	90% - 110%												
Ca	0.907	0.946	104%	90% - 110%					4.01	4.16	104%	90% - 110%	1.42	1.51	106%	90% - 110%
Ce	98	96	98%	90% - 110%	58.2	65	112%	90% - 110%								
Co	15	13	89%	90% - 110%												
Cu	150	169	112%	90% - 110%												
Er	3.7	4	107%	90% - 110%												
Fe	3.77	3.94	104%	90% - 110%					7.56	8.03	106%	90% - 110%	3.27	3.5	107%	90% - 110%
Ga					22.6	25.1	111%	90% - 110%								
Hf	11	10	87%	90% - 110%												
K	2.55	2.45	96%	90% - 110%					2.02	2.02	100%	90% - 110%	3.68	3.79	103%	90% - 110%
La	44	42	96%	90% - 110%	27.5	30.1	109%	90% - 110%								
Li	47	49	104%	90% - 110%									65.0	73.5	113%	90% - 110%
Lu	0.6	0.5	91%	90% - 110%												
Mg	1.1	1.1	97%	90% - 110%					2.41	2.46	102%	90% - 110%				
Mn	780	789	101%	90% - 110%												
Mo	14	14	97%	90% - 110%												
Nb	20	19	93%	90% - 110%	22.6	23.1	102%	90% - 110%								
Nd					27.3	29.3	107%	90% - 110%								
P													0.061	0.071	116%	90% - 110%
Pb	31	33	107%	90% - 110%												
Rb	144	139	97%	90% - 110%	85.4	91.2	107%	90% - 110%								
Sb	0.8	0.9	110%	90% - 110%												
Sc	12	12	103%	90% - 110%												
Si	28.4	30.7	108%	90% - 110%					23.65	26.15	111%	90% - 110%	24.4	27.5	113%	90% - 110%
Sm	7.4	7.8	106%	90% - 110%												
Sr	144	159	110%	90% - 110%									310	346	112%	90% - 110%
Ta	1.9	1.7	90%	90% - 110%												
Tb	1.2	1.1	93%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Th	18.4	19.7	107%	90% - 110%												
Ti	0.527	0.532	101%	90% - 110%									0.222	0.23	104%	90% - 110%
U	5.7	5.8	101%	90% - 110%												
V	77	80	103%	90% - 110%												
W	5	6	113%	90% - 110%												
Y	40	37	93%	90% - 110%	25.3	25.9	102%	90% - 110%								
Yb					2.66	3.03	114%	90% - 110%								
Zn	130	139	107%	90% - 110%									75.4	79.5	105%	90% - 110%
Zr	390	356	91%	90% - 110%	157	155	99%	90% - 110%								

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED
AGAT WORK ORDER: 21O785358
PROJECT: 2021 SURIMEAU DDH BATCH 66
ATTENTION TO: Francis Newton
SAMPLING SITE:
SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O785358

PROJECT: 2021 SURIMEAU DDH BATCH 66

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O785358

PROJECT: 2021 SURIMEAU DDH BATCH 66

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 SURIMEAU DDH BATCH 67

AGAT WORK ORDER: 21O785359

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Oct 08, 2021

PAGES (INCLUDING COVER): 24

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785359

PROJECT: 2021 SURIMEAU DDH BATCH 67

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Oct 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
49001 (2831432)	2.81
49002 (2831433)	0.68
49003 (2831434)	2.98
49004 (2831435)	2.49
49005 (2831436)	1.77
49006 (2831437)	1.87
49007 (2831438)	2.31
49008 (2831439)	2.04
49009 (2831440)	2.52
49010 (2831441)	2.26
49011 (2831442)	2.33
49012 C-DUP (2831443)	-
49013 (2831444)	2.48
49014 (2831445)	1.50
49015 (2831446)	1.10
49016 (2831447)	2.94
49017 (2831448)	2.73
49018 (2831449)	2.67
49019 (2831450)	2.39
49020 (2831451)	2.76
49021 (2831452)	2.79
49022 (2831453)	0.78
49023 (2831454)	2.48
49024 (2831455)	2.40
49025 (2831456)	2.68
49026 (2831457)	2.73
49027 (2831458)	2.86
49028 (2831459)	2.67
49029 (2831460)	2.64
49030 (2831461)	2.35
49031 (2831462)	2.77

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785359

PROJECT: 2021 SURIMEAU DDH BATCH 67

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Oct 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
49032 (2831463)	2.51
49033 (2831464)	3.01
49034 (2831465)	2.52
49035 (2831466)	2.50
49036 (2831467)	2.59
49037 (2831468)	2.69
49038 (2831469)	2.00
49039 (2831470)	2.56
49040 (2831471)	2.85
49041 (2831472)	1.28
49042 (2831473)	1.61
49043 (2831474)	2.14
49044 (2831475)	2.43
49045 C-DUP (2831476)	-
49046 (2831477)	2.72
49047 (2831478)	2.79
49048 (2831479)	2.61
49049 (2831480)	3.12
49050 (2831481)	2.32
19599 (2836658)	2.54

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785359

PROJECT: 2021 SURIMEAU DDH BATCH 67

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Oct 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
49001 (2831432)	<1	3.32	<5	30	49.3	<5	0.4	4.90	<0.2	6.4	85.8	0.176	2.3	47
49002 (2831433)	<1	0.92	<5	53	85.4	<5	0.2	15.3	<0.2	1.6	29.5	0.073	0.2	<5
49003 (2831434)	<1	4.99	<5	29	624	<5	0.4	8.37	<0.2	23.1	88.6	0.198	19.4	52
49004 (2831435)	<1	3.00	<5	26	192	<5	0.3	7.20	<0.2	10.7	74.2	0.165	7.5	30
49005 (2831436)	<1	2.97	<5	<20	140	<5	0.1	23.2	<0.2	16.3	41.5	0.096	4.3	<5
49006 (2831437)	<1	3.47	<5	31	82.5	<5	0.3	11.8	1.0	29.3	76.9	0.170	4.2	89
49007 (2831438)	<1	3.23	<5	31	<0.5	<5	0.2	6.48	<0.2	3.2	84.0	0.223	0.3	57
49008 (2831439)	<1	8.73	<5	31	777	<5	0.2	1.10	<0.2	67.9	23.5	0.058	4.9	45
49009 (2831440)	<1	8.20	<5	39	462	<5	0.3	1.20	<0.2	73.3	21.2	0.053	4.0	45
49010 (2831441)	<1	8.83	<5	36	697	<5	0.2	1.20	<0.2	71.9	25.0	0.056	5.3	46
49011 (2831442)	<1	8.79	<5	<20	744	<5	0.2	1.09	0.2	72.8	23.5	0.053	3.3	56
49012 C-DUP (2831443)	2	8.82	<5	<20	782	<5	0.2	1.06	<0.2	64.7	22.7	0.049	3.9	44
49013 (2831444)	<1	8.59	<5	20	848	<5	0.3	1.26	<0.2	61.0	18.9	0.050	3.1	54
49014 (2831445)	<1	8.83	<5	<20	874	<5	0.3	1.28	<0.2	68.1	23.6	0.057	4.0	51
49015 (2831446)	<1	8.86	<5	<20	881	<5	0.3	1.37	<0.2	63.6	23.1	0.051	3.9	53
49016 (2831447)	<1	8.63	<5	20	665	<5	0.2	1.18	0.2	65.9	20.9	0.053	3.7	48
49017 (2831448)	<1	8.31	<5	<20	606	<5	0.2	1.13	0.3	66.9	23.3	0.050	2.9	54
49018 (2831449)	<1	8.66	<5	<20	499	<5	0.3	1.32	<0.2	69.7	22.9	0.054	2.6	47
49019 (2831450)	<1	8.53	<5	<20	623	<5	0.2	1.62	<0.2	66.9	21.7	0.042	2.3	65
49020 (2831451)	<1	8.70	<5	<20	624	<5	0.3	2.27	<0.2	83.8	22.8	0.044	2.4	48
49021 (2831452)	<1	7.19	<5	<20	402	<5	0.5	1.48	<0.2	73.7	20.4	0.046	2.6	48
49022 (2831453)	<1	0.02	<5	72	177	<5	<0.1	21.2	<0.2	1.3	<0.5	<0.005	0.2	<5
49023 (2831454)	2	7.30	<5	<20	386	<5	0.4	1.21	<0.2	69.8	20.9	0.052	3.3	50
49024 (2831455)	<1	7.32	<5	<20	394	<5	0.5	1.25	<0.2	76.6	22.6	0.053	3.2	51
49025 (2831456)	<1	7.23	<5	<20	417	<5	0.5	1.19	<0.2	86.4	23.9	0.061	3.8	59
49026 (2831457)	<1	7.33	<5	<20	406	<5	0.3	1.20	<0.2	81.5	21.5	0.055	3.5	53
49027 (2831458)	3	7.39	<5	<20	429	<5	0.4	1.21	0.3	81.5	22.0	0.056	3.5	58
49028 (2831459)	2	8.93	<5	22	801	<5	0.7	1.11	<0.2	67.1	23.6	0.049	4.5	46
49029 (2831460)	<1	9.11	<5	22	1010	<5	0.4	0.98	<0.2	67.9	25.0	0.049	4.7	47
49030 (2831461)	<1	8.40	<5	24	957	<5	0.3	1.72	<0.2	68.9	31.2	0.068	5.2	42
49031 (2831462)	<1	9.38	<5	<20	965	<5	0.3	1.49	<0.2	74.5	25.7	0.051	4.4	58
49032 (2831463)	<1	10.0	<5	29	1070	<5	<0.1	1.42	<0.2	<0.1	<0.5	0.044	<0.1	45

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785359

PROJECT: 2021 SURIMEAU DDH BATCH 67

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Oct 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
49033 (2831464)	2	10.2	<5	21	909	<5	0.2	1.37	0.2	82.8	26.2	0.045	5.0	45
49034 (2831465)	<1	7.60	<5	<20	460	<5	0.3	1.23	0.2	72.4	21.1	0.056	3.4	51
49035 (2831466)	<1	9.12	<5	20	1110	<5	0.2	1.04	<0.2	73.3	24.8	0.050	4.5	42
49036 (2831467)	1	8.18	<5	<20	553	<5	0.3	1.34	<0.2	78.5	22.7	0.056	3.7	53
49037 (2831468)	<1	8.48	<5	29	468	<5	0.3	1.28	0.3	75.0	20.6	0.051	3.4	62
49038 (2831469)	<1	9.54	<5	89	886	<5	0.2	1.16	<0.2	74.9	30.4	0.054	6.1	36
49039 (2831470)	<1	8.72	<5	54	730	<5	0.2	1.05	<0.2	65.8	24.6	0.050	4.3	52
49040 (2831471)	<1	9.09	<5	20	902	<5	0.2	1.18	0.3	67.0	24.1	0.050	5.0	30
49041 (2831472)	<1	9.01	<5	24	897	<5	0.2	1.49	0.3	65.7	24.0	0.048	4.3	56
49042 (2831473)	1	8.57	<5	<20	860	<5	0.2	1.45	0.3	67.7	23.1	0.051	3.8	62
49043 (2831474)	<1	8.71	<5	20	816	<5	0.1	1.25	<0.2	68.5	22.1	0.046	4.6	48
49044 (2831475)	<1	8.25	<5	23	863	<5	0.2	0.97	0.2	68.4	21.6	0.049	5.9	25
49045 C-DUP (2831476)	<1	8.76	<5	25	899	<5	0.2	1.02	<0.2	68.2	22.7	0.047	6.4	30
49046 (2831477)	<1	8.44	<5	<20	562	<5	0.2	1.41	0.3	67.3	21.8	0.056	3.6	58
49047 (2831478)	<1	8.08	<5	<20	516	<5	0.2	1.41	<0.2	66.7	20.7	0.047	3.4	56
49048 (2831479)	<1	8.07	<5	<20	608	<5	0.2	1.64	0.4	65.4	21.9	0.055	4.1	59
49049 (2831480)	<1	8.55	<5	<20	686	<5	0.2	1.54	0.2	76.2	25.3	0.048	4.5	55
49050 (2831481)	1	7.53	<5	<20	446	<5	0.4	1.19	0.3	73.3	21.7	0.057	3.1	70
19599 (2836658)	<1	7.54	<5	<20	503	<5	0.2	1.15	<0.2	75.6	18.9	0.051	3.4	32

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785359

PROJECT: 2021 SURIMEAU DDH BATCH 67

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Oct 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
49001 (2831432)	1.53	1.01	0.14	7.10	7.96	1.33	2	<1	0.34	<0.2	0.15	2.6	<10	0.14
49002 (2831433)	0.43	0.28	<0.05	2.33	2.67	0.38	<1	<1	0.09	<0.2	<0.05	0.8	<10	<0.05
49003 (2831434)	2.44	1.55	1.56	8.40	11.5	2.66	2	1	0.55	<0.2	1.85	10.8	78	0.19
49004 (2831435)	1.68	1.02	0.47	6.83	7.44	1.64	2	<1	0.36	<0.2	0.68	4.3	31	0.12
49005 (2831436)	2.23	1.23	1.91	4.64	7.84	2.41	<1	<1	0.44	<0.2	0.49	7.5	44	0.15
49006 (2831437)	2.72	1.58	4.34	7.43	9.56	3.12	1	1	0.56	<0.2	0.43	15.0	17	0.23
49007 (2831438)	1.22	0.82	0.11	7.17	6.84	0.90	1	<1	0.27	<0.2	<0.05	1.3	<10	0.11
49008 (2831439)	2.78	1.52	1.13	4.58	24.1	3.74	2	4	0.52	<0.2	2.17	33.1	43	0.22
49009 (2831440)	2.62	1.48	1.33	4.04	22.3	4.04	2	4	0.50	<0.2	1.78	36.0	35	0.18
49010 (2831441)	3.06	1.52	1.33	4.55	24.3	3.82	2	5	0.56	<0.2	2.12	34.4	42	0.24
49011 (2831442)	2.86	1.50	1.09	4.50	21.4	4.12	2	4	0.59	<0.2	2.26	35.3	41	0.20
49012 C-DUP (2831443)	2.78	1.47	1.05	4.64	21.1	3.59	2	3	0.57	<0.2	2.28	31.4	43	0.21
49013 (2831444)	2.51	1.50	1.02	3.99	21.7	3.33	1	4	0.55	<0.2	2.16	30.3	36	0.20
49014 (2831445)	3.15	1.68	1.18	4.63	22.8	3.98	1	4	0.68	<0.2	2.48	33.8	42	0.27
49015 (2831446)	2.88	1.58	1.29	4.46	20.9	3.75	2	4	0.57	<0.2	2.47	30.7	41	0.21
49016 (2831447)	2.59	1.48	1.25	4.29	20.8	3.65	2	4	0.56	<0.2	2.01	33.0	35	0.22
49017 (2831448)	2.97	1.42	1.16	4.21	21.0	3.64	2	4	0.55	<0.2	1.83	33.4	36	0.20
49018 (2831449)	2.69	1.41	1.33	4.43	21.2	4.10	2	4	0.56	<0.2	1.60	34.4	38	0.21
49019 (2831450)	2.75	1.48	1.20	3.91	21.0	3.59	1	3	0.55	<0.2	1.64	33.6	27	0.18
49020 (2831451)	3.46	1.81	1.35	3.71	25.5	4.57	2	4	0.68	<0.2	1.86	40.5	33	0.27
49021 (2831452)	2.32	1.41	1.00	3.65	19.2	3.37	2	5	0.50	<0.2	1.53	37.4	30	0.19
49022 (2831453)	0.09	0.06	0.90	0.07	0.39	0.10	<1	<1	<0.05	<0.2	<0.05	0.7	<10	<0.05
49023 (2831454)	2.41	1.35	1.17	3.87	18.9	3.25	2	5	0.46	<0.2	1.55	36.4	29	0.18
49024 (2831455)	2.71	1.42	0.99	3.87	20.1	3.67	2	5	0.51	<0.2	1.54	39.0	29	0.20
49025 (2831456)	2.85	1.52	1.18	3.97	20.6	3.78	2	5	0.51	<0.2	1.54	44.7	32	0.23
49026 (2831457)	2.55	1.45	1.16	3.84	20.7	3.83	2	5	0.53	<0.2	1.56	42.1	32	0.19
49027 (2831458)	2.56	1.34	1.19	3.94	20.5	3.68	1	5	0.53	<0.2	1.66	41.7	33	0.20
49028 (2831459)	2.75	1.47	1.24	4.45	26.3	3.88	2	4	0.55	<0.2	2.15	32.0	39	0.21
49029 (2831460)	3.22	1.71	1.23	4.70	24.2	4.26	1	4	0.64	<0.2	2.76	31.7	44	0.24
49030 (2831461)	3.18	1.57	1.09	5.22	22.8	4.21	2	4	0.65	<0.2	2.72	32.7	48	0.26
49031 (2831462)	2.98	1.80	1.30	4.83	25.6	4.36	1	4	0.60	<0.2	2.47	36.6	49	0.24
49032 (2831463)	<0.05	<0.05	<0.05	5.58	<0.01	<0.05	<1	<1	<0.05	<0.2	2.78	<0.1	56	<0.05

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785359

PROJECT: 2021 SURIMEAU DDH BATCH 67

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Oct 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
49033 (2831464)	3.71	1.96	1.60	5.13	29.2	4.75	2	5	0.70	<0.2	2.59	40.4	55	0.28
49034 (2831465)	2.68	1.35	1.11	3.83	22.0	3.71	2	4	0.52	<0.2	1.76	35.6	35	0.18
49035 (2831466)	3.09	1.65	1.23	4.65	26.6	4.36	2	4	0.60	<0.2	2.70	35.3	43	0.22
49036 (2831467)	2.72	1.64	1.27	4.29	21.3	3.93	2	5	0.54	<0.2	1.95	38.8	36	0.22
49037 (2831468)	2.68	1.49	1.29	4.22	21.1	3.64	1	4	0.54	<0.2	1.79	38.1	36	0.25
49038 (2831469)	3.89	2.41	1.48	5.20	28.3	4.77	2	4	0.80	<0.2	2.57	32.8	58	0.32
49039 (2831470)	2.91	1.42	1.10	4.74	22.0	3.99	2	4	0.56	<0.2	2.17	32.2	48	0.24
49040 (2831471)	3.06	1.55	1.22	4.70	26.8	4.06	2	4	0.62	<0.2	2.37	30.3	48	0.21
49041 (2831472)	2.85	1.60	1.25	4.41	23.3	3.63	2	4	0.56	<0.2	2.21	32.5	43	0.25
49042 (2831473)	2.76	1.68	1.27	4.15	22.3	3.79	2	4	0.61	<0.2	2.07	33.2	40	0.25
49043 (2831474)	3.09	1.64	1.15	4.19	23.1	3.93	2	4	0.59	<0.2	2.09	33.7	41	0.22
49044 (2831475)	3.09	1.61	1.19	4.15	23.5	4.00	1	4	0.59	<0.2	1.99	33.5	45	0.22
49045 C-DUP (2831476)	3.19	1.57	1.23	4.35	23.5	4.02	2	4	0.64	<0.2	2.14	33.6	48	0.25
49046 (2831477)	2.84	1.55	1.18	3.85	20.1	3.48	1	4	0.57	<0.2	1.63	34.2	32	0.22
49047 (2831478)	2.80	1.38	1.23	3.76	21.5	3.51	2	4	0.50	<0.2	1.58	33.1	30	0.20
49048 (2831479)	2.73	1.44	1.19	4.02	21.4	3.60	2	4	0.54	<0.2	1.96	31.8	37	0.23
49049 (2831480)	3.45	1.91	1.32	4.75	24.9	4.40	1	4	0.69	<0.2	2.27	36.9	46	0.27
49050 (2831481)	2.82	1.43	1.13	3.82	20.6	3.79	1	4	0.55	<0.2	1.50	36.8	30	0.19
19599 (2836658)	2.67	1.54	1.20	3.70	19.3	3.58	2	5	0.53	<0.2	1.72	37.9	36	0.21

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785359

PROJECT: 2021 SURIMEAU DDH BATCH 67

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Oct 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
49001 (2831432)	13.9	1310	<2	<1	4.7	1310	<0.01	5	0.96	7.7	0.23	<0.1	20	22.9
49002 (2831433)	13.7	755	<2	<1	1.0	517	<0.01	145	0.21	0.7	0.26	<0.1	7	12.6
49003 (2831434)	10.2	1820	<2	2	12.4	1130	0.05	8	3.04	95.5	0.26	<0.1	29	20.0
49004 (2831435)	12.5	1320	<2	<1	6.5	1150	0.02	<5	1.37	32.3	0.22	<0.1	18	24.0
49005 (2831436)	5.77	2470	<2	2	9.9	487	0.06	12	2.22	21.9	0.34	<0.1	16	10.7
49006 (2831437)	11.2	1850	<2	1	15.2	1010	0.02	97	3.55	21.5	0.51	<0.1	27	16.6
49007 (2831438)	13.7	1230	<2	<1	2.2	1270	<0.01	<5	0.49	0.8	0.34	<0.1	21	21.0
49008 (2831439)	1.79	498	<2	6	30.0	97	0.05	8	7.91	84.1	0.19	<0.1	16	31.3
49009 (2831440)	1.63	484	<2	6	31.6	86	0.05	9	8.34	66.8	0.26	<0.1	13	32.5
49010 (2831441)	1.80	515	<2	6	32.4	99	0.04	9	8.23	80.5	0.24	<0.1	15	31.3
49011 (2831442)	1.75	505	4	6	31.2	106	0.05	7	8.22	82.2	0.18	<0.1	16	31.7
49012 C-DUP (2831443)	1.79	531	<2	6	28.3	101	0.05	7	7.60	85.5	0.18	<0.1	16	31.6
49013 (2831444)	1.51	491	<2	5	25.5	88	0.07	9	7.15	77.8	0.21	<0.1	14	32.9
49014 (2831445)	1.82	492	<2	6	29.4	114	0.06	8	8.03	92.2	0.22	<0.1	17	31.3
49015 (2831446)	1.76	465	<2	6	27.6	107	0.05	8	7.54	89.6	0.20	<0.1	17	30.9
49016 (2831447)	1.58	453	<2	6	28.4	95	0.06	8	7.73	76.1	0.19	<0.1	14	32.7
49017 (2831448)	1.56	428	<2	6	29.7	92	0.06	9	7.60	71.3	0.26	<0.1	14	32.1
49018 (2831449)	1.59	453	<2	6	31.0	99	0.05	9	8.17	65.2	0.26	<0.1	14	31.5
49019 (2831450)	1.45	402	<2	5	30.0	93	0.05	8	7.71	65.0	0.23	<0.1	14	31.1
49020 (2831451)	1.42	396	3	6	35.4	106	0.05	9	9.72	89.4	0.18	<0.1	16	29.8
49021 (2831452)	1.39	406	<2	5	29.2	75	0.05	6	8.27	66.8	0.32	<0.1	11	33.5
49022 (2831453)	13.3	382	<2	<1	0.5	10	<0.01	<5	0.13	0.7	0.29	<0.1	<5	7.58
49023 (2831454)	1.53	407	5	5	28.0	73	0.04	8	7.80	60.3	0.40	<0.1	11	33.4
49024 (2831455)	1.49	449	<2	5	30.9	81	0.06	11	8.49	60.0	0.43	<0.1	11	34.3
49025 (2831456)	1.55	544	3	5	34.5	92	0.03	12	9.38	58.0	0.49	<0.1	12	33.6
49026 (2831457)	1.49	538	2	5	32.9	82	0.05	12	8.97	58.4	0.44	<0.1	11	34.4
49027 (2831458)	1.53	471	<2	5	32.9	80	0.04	11	8.99	60.9	0.45	<0.1	11	33.8
49028 (2831459)	1.78	486	6	6	30.6	107	0.03	12	7.88	77.5	0.22	<0.1	17	30.5
49029 (2831460)	1.83	543	<2	6	30.4	105	0.04	10	8.20	96.6	0.19	<0.1	19	29.2
49030 (2831461)	2.98	669	12	6	30.2	173	0.07	12	8.17	103	0.22	<0.1	20	29.3
49031 (2831462)	2.17	574	<2	6	31.6	117	0.04	15	8.75	92.5	0.29	<0.1	17	29.7
49032 (2831463)	2.40	683	<2	<1	<0.1	102	0.14	<5	<0.05	<0.2	0.25	<0.1	21	26.8

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785359

PROJECT: 2021 SURIMEAU DDH BATCH 67

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Oct 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
49033 (2831464)	2.15	579	<2	8	35.2	98	0.06	18	9.57	106	0.21	<0.1	19	28.3
49034 (2831465)	1.47	578	<2	5	30.0	82	0.04	18	8.07	69.3	0.30	<0.1	11	32.7
49035 (2831466)	1.82	480	3	6	32.3	115	0.05	13	8.62	96.1	0.22	<0.1	18	30.1
49036 (2831467)	1.60	501	<2	6	32.0	91	0.04	11	8.93	75.7	0.33	<0.1	13	32.7
49037 (2831468)	1.60	492	<2	6	32.7	86	0.05	10	8.46	63.8	0.32	<0.1	13	32.6
49038 (2831469)	2.24	593	<2	7	35.1	129	0.04	11	9.04	106	0.16	<0.1	21	29.3
49039 (2831470)	1.91	553	<2	6	28.9	104	0.06	9	7.64	81.3	0.19	<0.1	17	30.5
49040 (2831471)	2.00	531	<2	6	29.5	110	0.04	11	8.03	90.3	0.10	<0.1	18	29.4
49041 (2831472)	1.75	506	<2	6	27.9	109	0.05	11	7.56	83.9	0.23	<0.1	17	30.7
49042 (2831473)	1.65	481	<2	6	29.2	111	0.03	10	7.82	83.5	0.24	<0.1	16	30.8
49043 (2831474)	1.63	481	<2	6	28.9	101	0.05	9	8.02	87.1	0.19	<0.1	16	31.5
49044 (2831475)	1.71	477	<2	6	29.2	98	0.03	10	7.77	89.0	0.10	<0.1	16	29.8
49045 C-DUP (2831476)	1.78	503	<2	6	29.5	98	0.03	10	7.88	94.5	0.11	<0.1	16	31.1
49046 (2831477)	1.41	460	<2	6	29.0	92	0.05	12	7.74	64.8	0.21	<0.1	14	32.5
49047 (2831478)	1.37	465	<2	6	28.1	85	0.04	12	7.85	65.7	0.25	<0.1	12	32.0
49048 (2831479)	1.60	594	<2	5	27.9	96	0.05	13	7.86	76.1	0.28	<0.1	15	31.4
49049 (2831480)	2.03	694	<2	6	33.6	102	0.06	12	9.18	91.6	0.29	<0.1	17	29.3
49050 (2831481)	1.34	419	<2	5	30.6	89	0.05	9	8.22	59.8	0.41	<0.1	12	31.8
19599 (2836658)	1.52	585	<2	5	31.5	78	0.05	16	8.79	66.3	0.19	<0.1	12	31.5

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785359

PROJECT: 2021 SURIMEAU DDH BATCH 67

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Oct 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
49001 (2831432)	1.2	1	40.1	<0.5	0.23	0.8	0.19	<0.5	0.14	0.28	125	<1	7.9	1.0
49002 (2831433)	0.3	<1	115	<0.5	0.06	<0.1	0.05	<0.5	<0.05	0.32	37	<1	2.3	0.2
49003 (2831434)	2.8	1	208	<0.5	0.39	2.1	0.30	1.3	0.20	0.87	200	<1	12.9	1.4
49004 (2831435)	1.8	<1	70.2	<0.5	0.26	0.9	0.21	<0.5	0.14	0.34	128	<1	8.4	0.9
49005 (2831436)	2.5	1	678	<0.5	0.36	1.2	0.20	<0.5	0.18	0.47	106	<1	12.2	1.1
49006 (2831437)	3.5	<1	278	<0.5	0.44	1.4	0.24	<0.5	0.24	0.37	158	<1	14.3	1.5
49007 (2831438)	0.9	<1	116	<0.5	0.21	0.1	0.17	<0.5	0.13	0.16	126	<1	6.8	0.7
49008 (2831439)	5.3	1	304	<0.5	0.50	8.0	0.37	<0.5	0.22	2.55	121	<1	14.3	1.4
49009 (2831440)	5.1	<1	318	<0.5	0.48	8.4	0.34	<0.5	0.20	2.68	101	<1	13.1	1.3
49010 (2831441)	5.4	<1	295	<0.5	0.54	9.0	0.37	<0.5	0.24	2.89	118	<1	14.0	1.4
49011 (2831442)	5.7	<1	271	<0.5	0.54	7.5	0.37	0.5	0.21	2.35	120	<1	13.7	1.3
49012 C-DUP (2831443)	5.0	<1	263	<0.5	0.50	6.9	0.37	<0.5	0.21	2.32	119	<1	13.4	1.4
49013 (2831444)	4.6	1	304	<0.5	0.43	7.1	0.34	<0.5	0.20	2.34	108	<1	12.6	1.4
49014 (2831445)	5.2	<1	266	<0.5	0.54	7.6	0.37	0.5	0.30	2.65	129	<1	16.1	1.7
49015 (2831446)	5.2	<1	272	<0.5	0.53	7.5	0.37	<0.5	0.22	2.52	124	<1	14.5	1.4
49016 (2831447)	5.0	1	306	<0.5	0.48	8.2	0.34	<0.5	0.22	2.66	108	<1	13.1	1.4
49017 (2831448)	4.9	<1	299	<0.5	0.53	9.2	0.35	<0.5	0.22	3.11	107	<1	13.9	1.5
49018 (2831449)	5.3	<1	322	<0.5	0.56	8.4	0.35	<0.5	0.22	2.77	111	<1	13.8	1.4
49019 (2831450)	4.5	<1	285	<0.5	0.51	8.0	0.33	<0.5	0.22	2.70	99	<1	13.1	1.4
49020 (2831451)	6.2	1	224	<0.5	0.62	10.7	0.36	<0.5	0.28	3.19	119	<1	16.7	1.8
49021 (2831452)	5.1	<1	228	<0.5	0.46	10.3	0.30	<0.5	0.17	3.41	83	<1	11.9	1.2
49022 (2831453)	<0.1	<1	140	<0.5	<0.05	0.1	<0.01	<0.5	<0.05	0.40	<5	<1	0.6	<0.1
49023 (2831454)	4.7	<1	250	<0.5	0.47	9.9	0.31	<0.5	0.19	3.28	87	<1	11.4	1.2
49024 (2831455)	4.7	<1	251	<0.5	0.50	11.3	0.31	<0.5	0.22	3.46	87	<1	13.1	1.3
49025 (2831456)	5.7	<1	265	<0.5	0.53	11.4	0.31	<0.5	0.22	3.54	93	<1	13.6	1.4
49026 (2831457)	5.5	<1	279	<0.5	0.54	11.0	0.31	<0.5	0.20	3.39	84	<1	13.0	1.3
49027 (2831458)	5.1	<1	270	<0.5	0.51	10.5	0.31	<0.5	0.18	3.41	90	<1	13.0	1.3
49028 (2831459)	5.4	1	256	<0.5	0.51	8.2	0.37	<0.5	0.21	2.56	129	<1	14.3	1.4
49029 (2831460)	5.5	2	232	<0.5	0.61	8.1	0.38	0.6	0.26	2.57	136	1	15.9	1.7
49030 (2831461)	5.5	1	227	<0.5	0.59	7.9	0.40	0.6	0.25	2.55	146	<1	16.3	1.7
49031 (2831462)	5.5	1	428	<0.5	0.56	8.9	0.40	0.6	0.26	2.85	132	<1	15.7	1.5
49032 (2831463)	<0.1	<1	349	<0.5	<0.05	<0.1	0.48	<0.5	<0.05	<0.05	160	<1	<0.5	<0.1

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785359

PROJECT: 2021 SURIMEAU DDH BATCH 67

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Oct 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
49033 (2831464)	6.2	<1	379	<0.5	0.66	10.6	0.42	0.6	0.30	3.55	143	<1	17.7	1.7
49034 (2831465)	5.0	<1	307	<0.5	0.49	9.7	0.31	<0.5	0.19	2.98	86	<1	13.2	1.3
49035 (2831466)	5.9	2	237	<0.5	0.59	8.7	0.38	0.5	0.24	2.61	134	<1	14.8	1.5
49036 (2831467)	5.6	<1	317	<0.5	0.53	10.8	0.35	<0.5	0.23	3.73	102	<1	13.6	1.5
49037 (2831468)	5.1	<1	341	<0.5	0.49	10.0	0.35	<0.5	0.25	3.22	100	<1	13.6	1.4
49038 (2831469)	6.0	1	308	0.5	0.74	10.1	0.42	0.6	0.34	3.15	156	<1	20.1	2.1
49039 (2831470)	5.1	1	295	<0.5	0.55	8.4	0.39	0.5	0.25	2.82	124	<1	14.8	1.6
49040 (2831471)	5.1	1	304	<0.5	0.54	8.3	0.38	0.5	0.22	2.50	135	<1	14.4	1.4
49041 (2831472)	5.2	1	378	<0.5	0.56	7.7	0.37	0.5	0.23	2.43	126	<1	14.1	1.5
49042 (2831473)	5.0	1	375	<0.5	0.54	8.0	0.35	<0.5	0.23	2.54	118	<1	15.0	1.5
49043 (2831474)	5.1	<1	341	<0.5	0.53	8.2	0.35	<0.5	0.26	2.74	115	<1	14.8	1.6
49044 (2831475)	5.2	1	258	<0.5	0.52	7.7	0.34	<0.5	0.23	2.47	116	<1	14.6	1.5
49045 C-DUP (2831476)	5.2	1	270	<0.5	0.54	8.0	0.36	<0.5	0.28	2.58	123	<1	15.6	1.6
49046 (2831477)	4.7	<1	337	<0.5	0.52	8.1	0.34	<0.5	0.23	2.66	102	<1	13.7	1.5
49047 (2831478)	5.0	<1	373	<0.5	0.52	8.2	0.31	<0.5	0.20	2.70	91	<1	13.7	1.3
49048 (2831479)	5.0	<1	386	<0.5	0.51	8.0	0.33	<0.5	0.19	2.63	109	<1	12.7	1.4
49049 (2831480)	5.4	<1	372	<0.5	0.58	9.9	0.38	<0.5	0.30	3.38	129	<1	15.9	1.9
49050 (2831481)	5.1	<1	283	<0.5	0.52	9.7	0.32	<0.5	0.20	3.34	89	<1	12.9	1.3
19599 (2836658)	5.1	<1	289	<0.5	0.50	9.8	0.30	<0.5	0.21	3.17	92	<1	13.1	1.4

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785359

PROJECT: 2021 SURIMEAU DDH BATCH 67

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Oct 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
49001 (2831432)	61	28.9
49002 (2831433)	40	5.9
49003 (2831434)	86	47.6
49004 (2831435)	66	31.8
49005 (2831436)	56	32.3
49006 (2831437)	314	32.8
49007 (2831438)	60	15.4
49008 (2831439)	119	141
49009 (2831440)	82	157
49010 (2831441)	95	176
49011 (2831442)	91	137
49012 C-DUP (2831443)	94	122
49013 (2831444)	70	138
49014 (2831445)	82	141
49015 (2831446)	83	135
49016 (2831447)	91	148
49017 (2831448)	95	163
49018 (2831449)	69	144
49019 (2831450)	51	125
49020 (2831451)	40	154
49021 (2831452)	29	179
49022 (2831453)	22	2.5
49023 (2831454)	56	178
49024 (2831455)	75	176
49025 (2831456)	80	205
49026 (2831457)	77	176
49027 (2831458)	68	179
49028 (2831459)	100	134
49029 (2831460)	121	133
49030 (2831461)	96	137
49031 (2831462)	128	153
49032 (2831463)	198	<0.5

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785359

PROJECT: 2021 SURIMEAU DDH BATCH 67

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Oct 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
49033 (2831464)	118	179
49034 (2831465)	101	171
49035 (2831466)	80	132
49036 (2831467)	86	180
49037 (2831468)	100	166
49038 (2831469)	110	152
49039 (2831470)	113	142
49040 (2831471)	104	125
49041 (2831472)	103	129
49042 (2831473)	105	129
49043 (2831474)	113	132
49044 (2831475)	91	128
49045 C-DUP (2831476)	94	136
49046 (2831477)	91	146
49047 (2831478)	92	146
49048 (2831479)	104	135
49049 (2831480)	128	168
49050 (2831481)	97	165
19599 (2836658)	80	178

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785359

PROJECT: 2021 SURIMEAU DDH BATCH 67

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Oct 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
49001 (2831432)	78.21
49020 (2831451)	81.02
49040 (2831471)	81.45

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785359

PROJECT: 2021 SURIMEAU DDH BATCH 67

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Oct 08, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
49001 (2831432)	87.37
49020 (2831451)	85.21
49040 (2831471)	85.71

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O785359

PROJECT: 2021 SURIMEAU DDH BATCH 67

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2831432	< 1	< 1	0.0%	2831446	< 1	< 1	0.0%	2831457	< 1	< 1	0.0%	2831472	< 1	1	
Al	2831432	3.32	3.46	4.1%	2831446	8.86	8.98	1.3%	2831457	7.33	7.20	1.8%	2831472	9.01	8.67	3.8%
As	2831432	< 5	< 5	0.0%	2831446	< 5	< 5	0.0%	2831457	< 5	< 5	0.0%	2831472	< 5	< 5	0.0%
B	2831432	30	32	6.5%	2831446	19	21	10.0%	2831457	< 20	< 20	0.0%	2831472	24	< 20	
Ba	2831432	49.3	47.1	4.6%	2831446	881	857	2.8%	2831457	406	404	0.5%	2831472	897	777	14.3%
Be	2831432	< 5	< 5	0.0%	2831446	< 5	< 5	0.0%	2831457	< 5	< 5	0.0%	2831472	< 5	< 5	0.0%
Bi	2831432	0.4	0.4	0.0%	2831446	0.3	0.2		2831457	0.34	0.36	5.7%	2831472	0.2	< 0.1	
Ca	2831432	4.90	4.88	0.4%	2831446	1.37	1.39	1.4%	2831457	1.20	1.21	0.8%	2831472	1.49	1.23	19.1%
Cd	2831432	< 0.2	< 0.2	0.0%	2831446	< 0.2	< 0.2	0.0%	2831457	< 0.2	< 0.2	0.0%	2831472	0.28	0.21	28.6%
Ce	2831432	6.4	8.6	29.3%	2831446	63.6	58.2	8.9%	2831457	81.5	77.0	5.7%	2831472	65.7	62.3	5.3%
Co	2831432	85.8	82.6	3.8%	2831446	23.1	20.9	10.0%	2831457	21.5	21.1	1.9%	2831472	24.0	20.0	18.2%
Cr	2831432	0.176	0.167	5.2%	2831446	0.051	0.051	0.0%	2831457	0.055	0.060	8.7%	2831472	0.048	0.039	20.7%
Cs	2831432	2.3	3.4		2831446	3.9	3.5	10.8%	2831457	3.5	3.5	0.0%	2831472	4.3	3.0	
Cu	2831432	47	48	2.1%	2831446	53	51	3.8%	2831457	53	56	5.5%	2831472	56	51	9.3%
Dy	2831432	1.53	1.63	6.3%	2831446	2.88	2.29	22.8%	2831457	2.55	2.54	0.4%	2831472	2.85	2.54	11.5%
Er	2831432	1.01	1.02	1.0%	2831446	1.58	1.27	21.8%	2831457	1.45	1.41	2.8%	2831472	1.60	1.45	9.8%
Eu	2831432	0.14	0.19		2831446	1.29	1.05	20.5%	2831457	1.16	1.07	8.1%	2831472	1.25	0.98	24.2%
Fe	2831432	7.10	7.14	0.6%	2831446	4.46	4.46	0.0%	2831457	3.84	3.79	1.3%	2831472	4.41	3.81	14.6%
Ga	2831432	7.96	8.26	3.7%	2831446	20.9	20.7	1.0%	2831457	20.7	18.0	14.0%	2831472	23.3	19.9	15.7%
Gd	2831432	1.33	1.60	18.4%	2831446	3.75	3.44	8.6%	2831457	3.83	3.53	8.2%	2831472	3.63	3.41	6.2%
Ge	2831432	2	2	0.0%	2831446	2	2	0.0%	2831457	2	2	0.0%	2831472	2	1	66.7%
Hf	2831432	< 1	< 1	0.0%	2831446	4	3	28.6%	2831457	5	4	22.2%	2831472	4	3	28.6%
Ho	2831432	0.34	0.35	2.9%	2831446	0.568	0.469	19.1%	2831457	0.528	0.524	0.8%	2831472	0.56	0.49	13.3%
In	2831432	< 0.2	< 0.2	0.0%	2831446	< 0.2	< 0.2	0.0%	2831457	< 0.2	< 0.2	0.0%	2831472	< 0.2	< 0.2	0.0%
K	2831432	0.15	0.20	28.6%	2831446	2.47	2.48	0.4%	2831457	1.56	1.55	0.6%	2831472	2.21	2.12	4.2%
La	2831432	2.6	3.0	14.3%	2831446	30.7	28.1	8.8%	2831457	42.1	39.0	7.6%	2831472	32.5	29.3	10.4%
Li	2831432	< 10	11		2831446	41	41	0.0%	2831457	32	31	3.2%	2831472	43	39	9.8%
Lu	2831432	0.14	0.12	15.4%	2831446	0.21	0.19	10.0%	2831457	0.193	0.201	4.1%	2831472	0.25	0.19	27.3%
Mg	2831432	13.9	13.7	1.4%	2831446	1.76	1.75	0.6%	2831457	1.49	1.46	2.0%	2831472	1.75	1.65	5.9%
Mn	2831432	1310	1300	0.8%	2831446	465	464	0.2%	2831457	538	528	1.9%	2831472	506	456	10.4%
Mo	2831432	< 2	< 2	0.0%	2831446	< 2	< 2	0.0%	2831457	2	2	0.0%	2831472	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Nb	2831432	< 1	< 1	0.0%	2831446	6	5	18.2%	2831457	5	5	0.0%	2831472	6	4	40.0%
Nd	2831432	4.74	5.41	13.2%	2831446	27.6	26.1	5.6%	2831457	32.9	31.2	5.3%	2831472	27.9	24.1	14.6%
Ni	2831432	1310	1230	6.3%	2831446	107	109	1.9%	2831457	82	75	8.9%	2831472	109	89	20.2%
P	2831432	< 0.01	0.02		2831446	0.05	0.06	18.2%	2831457	0.05	0.05	0.0%	2831472	0.05	0.03	50.0%
Pb	2831432	5	< 5		2831446	8	7	13.3%	2831457	12	12	0.0%	2831472	11	9	20.0%
Pr	2831432	0.96	1.10	13.6%	2831446	7.54	6.80	10.3%	2831457	8.97	8.78	2.1%	2831472	7.56	6.25	19.0%
Rb	2831432	7.7	8.0	3.8%	2831446	89.6	78.5	13.2%	2831457	58.4	57.8	1.0%	2831472	83.9	75.3	10.8%
S	2831432	0.234	0.214	8.9%	2831446	0.20	0.21	4.9%	2831457	0.438	0.422	3.7%	2831472	0.23	0.21	9.1%
Sb	2831432	< 0.1	< 0.1	0.0%	2831446	< 0.1	< 0.1	0.0%	2831457	< 0.1	< 0.1	0.0%	2831472	< 0.1	< 0.1	0.0%
Sc	2831432	20	20	0.0%	2831446	17	17	0.0%	2831457	11	11	0.0%	2831472	17	11	42.9%
Si	2831432	22.9	23.0	0.4%	2831446	30.9	31.7	2.6%	2831457	34.4	34.7	0.9%	2831472	30.7	25.6	18.1%
Sm	2831432	1.24	1.44	14.9%	2831446	5.2	4.3	18.9%	2831457	5.5	5.2	5.6%	2831472	5.2	4.6	12.2%
Sn	2831432	1	< 1		2831446	< 1	< 1	0.0%	2831457	< 1	< 1	0.0%	2831472	1	< 1	
Sr	2831432	40.1	41.8	4.2%	2831446	272	275	1.1%	2831457	279	277	0.7%	2831472	378	341	10.3%
Ta	2831432	< 0.5	< 0.5	0.0%	2831446	< 0.5	< 0.5	0.0%	2831457	< 0.5	< 0.5	0.0%	2831472	< 0.5	< 0.5	0.0%
Tb	2831432	0.23	0.21	9.1%	2831446	0.529	0.492	7.2%	2831457	0.54	0.50	7.7%	2831472	0.56	0.45	21.8%
Th	2831432	0.8	1.0	22.2%	2831446	7.48	6.83	9.1%	2831457	11.0	10.5	4.7%	2831472	7.7	6.5	16.9%
Ti	2831432	0.192	0.209	8.5%	2831446	0.37	0.37	0.0%	2831457	0.307	0.299	2.6%	2831472	0.37	0.32	14.5%
Tl	2831432	< 0.5	< 0.5	0.0%	2831446	< 0.5	< 0.5	0.0%	2831457	< 0.5	< 0.5	0.0%	2831472	0.5	< 0.5	
Tm	2831432	0.14	0.14	0.0%	2831446	0.22	0.21	4.7%	2831457	0.20	0.20	0.0%	2831472	0.23	0.16	35.9%
U	2831432	0.28	0.34	19.4%	2831446	2.52	2.17	14.9%	2831457	3.39	3.30	2.7%	2831472	2.43	2.16	11.8%
V	2831432	125	129	3.1%	2831446	124	122	1.6%	2831457	84	85	1.2%	2831472	126	106	17.2%
W	2831432	< 1	< 1	0.0%	2831446	< 1	< 1	0.0%	2831457	< 1	< 1	0.0%	2831472	< 1	< 1	0.0%
Y	2831432	7.9	8.6	8.5%	2831446	14.5	11.6	22.2%	2831457	13.0	12.6	3.1%	2831472	14.1	12.1	15.3%
Yb	2831432	1.0	1.0	0.0%	2831446	1.4	1.3	7.4%	2831457	1.3	1.3	0.0%	2831472	1.5	1.3	14.3%
Zn	2831432	61	67	9.4%	2831446	83	90	8.1%	2831457	77	78	1.3%	2831472	103	84	20.3%
Zr	2831432	28.9	29.4	1.7%	2831446	135	115	16.0%	2831457	176	173	1.7%	2831472	129	116	10.6%
	REPLICATE #5															
Parameter	Sample ID	Original	Replicate	RPD												
Ag	2836658	< 1	< 1	0.0%												
Al	2836658	7.54	7.71	2.2%												
As	2836658	< 5	< 5	0.0%												
B	2836658	< 20	< 20	0.0%												
Ba	2836658	503	531	5.4%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Be	2836658	< 5	< 5	0.0%												
Bi	2836658	0.18	0.15	18.2%												
Ca	2836658	1.15	1.16	0.9%												
Cd	2836658	< 0.2	< 0.2	0.0%												
Ce	2836658	75.6	76.4	1.1%												
Co	2836658	18.9	18.8	0.5%												
Cr	2836658	0.051	0.054	5.7%												
Cs	2836658	3.4	3.6	5.7%												
Cu	2836658	32	35	9.0%												
Dy	2836658	2.67	2.80	4.8%												
Er	2836658	1.54	1.54	0.0%												
Eu	2836658	1.20	1.17	2.5%												
Fe	2836658	3.70	3.77	1.9%												
Ga	2836658	19.3	20.8	7.5%												
Gd	2836658	3.58	3.84	7.0%												
Ge	2836658	2	2	0.0%												
Hf	2836658	5	5	0.0%												
Ho	2836658	0.535	0.556	3.8%												
In	2836658	< 0.2	< 0.2	0.0%												
K	2836658	1.72	1.74	1.2%												
La	2836658	37.9	38.0	0.3%												
Li	2836658	36	38	5.4%												
Lu	2836658	0.21	0.21	0.0%												
Mg	2836658	1.52	1.56	2.6%												
Mn	2836658	585	595	1.7%												
Mo	2836658	< 2	< 2	0.0%												
Nb	2836658	5	5	0.0%												
Nd	2836658	31.5	31.7	0.6%												
Ni	2836658	78	82	5.0%												
P	2836658	0.05	0.05	0.0%												
Pb	2836658	16	16	0.0%												
Pr	2836658	8.79	8.62	2.0%												
Rb	2836658	66.3	68.0	2.5%												
S	2836658	0.19	0.18	5.4%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sb	2836658	< 0.1	< 0.1	0.0%												
Sc	2836658	12	12	0.0%												
Si	2836658	31.5	32.1	1.9%												
Sm	2836658	5.1	5.5	7.5%												
Sn	2836658	< 1	< 1	0.0%												
Sr	2836658	289	295	2.1%												
Ta	2836658	< 0.5	< 0.5	0.0%												
Tb	2836658	0.504	0.513	1.8%												
Th	2836658	9.8	10.4	5.9%												
Ti	2836658	0.305	0.310	1.6%												
Tl	2836658	< 0.5	< 0.5	0.0%												
Tm	2836658	0.209	0.227	8.3%												
U	2836658	3.17	3.44	8.2%												
V	2836658	92	96	4.3%												
W	2836658	< 1	< 1	0.0%												
Y	2836658	13.1	12.9	1.5%												
Yb	2836658	1.4	1.4	0.0%												
Zn	2836658	80	76	5.1%												
Zr	2836658	178	181	1.7%												

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O785359

PROJECT: 2021 SURIMEAU DDH BATCH 67

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.42	99%	90% - 110%					6.94	7.03	101%	90% - 110%	13.0	13.2	102%	90% - 110%
As	26	25	96%	90% - 110%												
Ba	540	532	99%	90% - 110%									1310	1305	100%	90% - 110%
Be	4.0	3.7	93%	90% - 110%												
Ca	0.907	0.917	101%	90% - 110%					4.01	4.07	101%	90% - 110%	1.42	1.42	100%	90% - 110%
Ce	98	106	108%	90% - 110%	58.2	64.3	110%	90% - 110%								
Co	15	14	93%	90% - 110%												
Cu	150	157	105%	90% - 110%									6.4	6.3	98%	90% - 110%
Er	3.7	4.2	113%	90% - 110%												
Fe	3.77	3.96	105%	90% - 110%					7.56	7.93	105%	90% - 110%	3.27	3.39	104%	90% - 110%
Ga					22.6	23.2	102%	90% - 110%								
Hf	11	10	89%	90% - 110%												
K	2.55	2.51	98%	90% - 110%					2.02	2.02	100%	90% - 110%	3.68	3.79	103%	90% - 110%
La	44	52	118%	90% - 110%	27.5	30.2	109%	90% - 110%								
Li	47	50	106%	90% - 110%									65.0	71.4	110%	90% - 110%
Lu	0.6	0.6	97%	90% - 110%												
Mg	1.1	1	95%	90% - 110%					2.41	2.36	98%	90% - 110%				
Mn	780	783	100%	90% - 110%												
Mo	14	13	90%	90% - 110%												
Nb	20	19	94%	90% - 110%	22.6	22.3	99%	90% - 110%								
Nd					27.3	29.5	108%	90% - 110%								
P													0.061	0.059	96%	90% - 110%
Pb	31	32	104%	90% - 110%												
Rb	144	147	102%	90% - 110%	85.4	90.7	106%	90% - 110%								
Sb	0.8	0.7	87%	90% - 110%												
Sc	12	12	104%	90% - 110%												
Si	28.4	30.3	107%	90% - 110%					23.65	25.37	107%	90% - 110%	24.4	26.2	107%	90% - 110%
Sm	7.4	8.3	112%	90% - 110%												
Sr	144	158	110%	90% - 110%									310	336	108%	90% - 110%
Ta	1.9	1.6	84%	90% - 110%												
Tb	1.2	1.2	101%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Th	18.4	20.2	110%	90% - 110%												
Ti	0.527	0.527	100%	90% - 110%									0.222	0.22	99%	90% - 110%
U	5.7	5.8	102%	90% - 110%												
V	77	83	108%	90% - 110%												
W	5	5	95%	90% - 110%												
Y	40	37	92%	90% - 110%	25.3	25.7	102%	90% - 110%								
Yb					2.66	3.17	119%	90% - 110%								
Zn	130	128	99%	90% - 110%									75.4	76.9	101%	90% - 110%
Zr	390	369	95%	90% - 110%	157	151	96%	90% - 110%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O785359

PROJECT: 2021 SURIMEAU DDH BATCH 67

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED
AGAT WORK ORDER: 21O785359
PROJECT: 2021 SURIMEAU DDH BATCH 67
ATTENTION TO: Francis Newton
SAMPLING SITE:
SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O785359

PROJECT: 2021 SURIMEAU DDH BATCH 67

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 SURIMEAU DDH BATCH 68

AGAT WORK ORDER: 21O785368

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 28, 2021

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785368

PROJECT: 2021 SURIMEAU DDH BATCH 68

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 28, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
49051 (2831483)	2.59
49052 (2831484)	0.79
49053 (2831485)	2.56
49054 (2831486)	1.89
49055 (2831487)	2.33
49056 (2831488)	1.75
49057 (2831489)	2.26
49058 (2831490)	2.26
49059 (2831491)	2.48
49060 (2831492)	2.77
49061 (2831493)	2.64
49062 C-DUP (2831494)	-
49063 (2831495)	2.51
49064 (2831496)	0.96
49065 (2831497)	1.27
49066 (2831498)	2.43
49067 (2831499)	2.26
49068 (2831500)	2.30
49069 (2831501)	2.71
49070 (2831502)	2.54
49071 (2831503)	2.17
49072 (2831504)	0.77
49073 (2831505)	2.37
49074 (2831506)	3.08
49075 (2831507)	2.34
49076 (2831508)	2.25
49077 (2831509)	2.29
49078 (2831510)	2.53
49079 (2831511)	2.29
49080 (2831512)	2.12
49081 (2831513)	2.12

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785368

PROJECT: 2021 SURIMEAU DDH BATCH 68

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 28, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
49082 (2831514)	2.08
49083 (2831515)	1.81
49084 (2831516)	2.20
49085 (2831517)	1.72
49086 (2831518)	1.98
49087 (2831519)	2.22
49088 (2831520)	2.31
49089 (2831521)	1.42
49090 (2831522)	2.40
49091 (2831523)	0.98
49092 (2831524)	1.01
49093 (2831525)	2.76
49094 (2831526)	2.29
49095 C-DUP (2831527)	-
49096 (2831528)	2.38
49097 (2831529)	2.11
49098 (2831530)	2.01
49099 (2831531)	2.46
49100 (2831532)	2.53

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785368

PROJECT: 2021 SURIMEAU DDH BATCH 68

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 28, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
49051 (2831483)	<1	8.28	<5	<20	675	<5	<0.1	1.15	0.2	66.5	22.6	0.066	4.5	50
49052 (2831484)	<1	0.04	<5	<20	217	<5	<0.1	20.1	<0.2	1.0	<0.5	<0.005	0.3	<5
49053 (2831485)	<1	8.48	<5	<20	746	<5	<0.1	1.10	0.3	63.7	23.3	0.062	4.7	53
49054 (2831486)	<1	8.55	<5	<20	778	<5	<0.1	1.05	0.3	65.3	23.8	0.056	6.5	55
49055 (2831487)	<1	9.36	<5	<20	1270	<5	<0.1	0.69	0.2	73.9	25.5	0.058	6.7	46
49056 (2831488)	2	8.29	<5	<20	469	<5	<0.1	1.08	0.3	61.5	19.7	0.048	3.8	58
49057 (2831489)	2	8.93	<5	<20	756	<5	<0.1	1.07	<0.2	65.6	24.0	0.057	6.3	56
49058 (2831490)	<1	8.98	<5	<20	855	<5	<0.1	1.01	<0.2	58.9	25.4	0.052	7.8	49
49059 (2831491)	<1	8.47	<5	<20	740	<5	<0.1	1.05	0.2	66.7	23.4	0.050	5.9	53
49060 (2831492)	<1	8.21	<5	<20	520	<5	<0.1	1.30	0.2	65.0	20.5	0.056	4.1	71
49061 (2831493)	<1	8.01	<5	<20	507	<5	<0.1	1.27	<0.2	63.5	20.4	0.047	4.2	66
49062 C-DUP (2831494)	<1	8.68	<5	<20	795	<5	<0.1	1.01	0.2	65.7	23.8	0.055	5.7	49
49063 (2831495)	<1	8.78	<5	<20	799	<5	<0.1	1.02	<0.2	65.4	23.6	0.056	5.7	49
49064 (2831496)	<1	8.62	<5	<20	685	<5	<0.1	1.16	<0.2	61.1	22.5	0.046	4.9	50
49065 (2831497)	<1	8.79	<5	<20	787	<5	<0.1	1.05	<0.2	62.0	24.4	0.051	5.6	49
49066 (2831498)	<1	8.60	<5	<20	687	<5	<0.1	1.06	<0.2	63.3	21.3	0.049	4.6	43
49067 (2831499)	<1	8.96	<5	<20	851	<5	<0.1	0.99	<0.2	66.0	24.8	0.055	4.9	58
49068 (2831500)	<1	9.02	<5	664	961	<5	<0.1	0.82	<0.2	65.2	26.3	0.052	5.0	51
49069 (2831501)	<1	8.63	<5	508	632	<5	<0.1	1.25	<0.2	63.9	24.8	0.054	4.7	62
49070 (2831502)	<1	8.46	<5	<20	670	<5	<0.1	0.94	<0.2	59.1	22.4	0.050	3.5	40
49071 (2831503)	<1	8.56	<5	28	713	<5	<0.1	0.87	<0.2	64.6	21.4	0.049	4.4	35
49072 (2831504)	<1	0.04	<5	<20	180	<5	<0.1	20.3	<0.2	1.1	<0.5	<0.005	0.2	<5
49073 (2831505)	<1	8.78	<5	<20	743	<5	<0.1	0.86	<0.2	85.0	18.3	0.047	4.1	37
49074 (2831506)	<1	8.83	<5	<20	772	<5	<0.1	0.73	<0.2	63.6	23.3	0.049	3.4	53
49075 (2831507)	<1	8.56	<5	<20	632	<5	<0.1	1.07	<0.2	55.4	21.6	0.050	3.6	50
49076 (2831508)	<1	8.58	<5	<20	712	<5	<0.1	1.13	<0.2	62.3	22.1	0.050	3.2	42
49077 (2831509)	<1	8.95	<5	<20	887	<5	<0.1	1.00	<0.2	61.1	26.2	0.055	4.7	56
49078 (2831510)	1	8.33	<5	<20	619	<5	<0.1	1.15	0.3	67.9	22.9	0.053	3.3	54
49079 (2831511)	<1	7.87	<5	<20	571	<5	<0.1	1.11	0.2	67.8	22.8	0.054	3.7	48
49080 (2831512)	<1	8.10	<5	<20	467	<5	<0.1	1.19	0.3	58.1	21.7	0.063	3.6	54
49081 (2831513)	<1	8.91	<5	<20	745	<5	<0.1	1.09	<0.2	66.7	23.6	0.052	5.1	48
49082 (2831514)	<1	8.60	<5	<20	675	<5	<0.1	1.11	<0.2	65.3	23.5	0.063	5.0	62

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785368

PROJECT: 2021 SURIMEAU DDH BATCH 68

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 28, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
49083 (2831515)	<1	8.21	<5	<20	705	<5	<0.1	1.18	0.2	57.9	14.0	0.052	3.0	35
49084 (2831516)	<1	8.90	<5	<20	933	<5	<0.1	1.18	<0.2	61.3	20.1	0.056	4.0	31
49085 (2831517)	<1	6.51	<5	<20	549	<5	<0.1	1.04	<0.2	43.1	14.4	0.063	2.6	28
49086 (2831518)	<1	8.90	<5	<20	623	<5	<0.1	1.71	<0.2	63.8	5.5	0.045	1.7	18
49087 (2831519)	<1	8.53	<5	<20	847	<5	<0.1	1.63	<0.2	66.2	6.0	0.044	1.7	24
49088 (2831520)	<1	8.64	<5	<20	1580	<5	<0.1	1.70	<0.2	70.0	4.9	0.043	1.7	11
49089 (2831521)	<1	8.26	<5	<20	734	<5	<0.1	1.33	<0.2	58.5	20.9	0.062	4.8	48
49090 (2831522)	<1	9.11	<5	<20	856	<5	<0.1	1.02	<0.2	65.5	24.4	0.064	5.9	59
49091 (2831523)	<1	8.46	<5	<20	574	<5	0.2	1.04	0.5	63.1	22.6	0.058	5.5	55
49092 (2831524)	1	8.43	<5	<20	503	<5	0.3	1.09	0.4	65.8	22.7	0.101	5.5	57
49093 (2831525)	<1	8.97	<5	<20	808	<5	<0.1	1.06	0.5	66.2	25.2	0.065	6.1	51
49094 (2831526)	<1	8.93	<5	<20	720	<5	<0.1	1.18	0.4	66.3	23.2	0.055	6.0	47
49095 C-DUP (2831527)	<1	9.34	<5	<20	849	<5	<0.1	1.09	0.4	63.9	24.2	0.058	5.6	56
49096 (2831528)	1	8.96	<5	<20	727	<5	<0.1	1.16	0.3	65.3	23.6	0.060	5.7	51
49097 (2831529)	<1	8.72	<5	<20	1010	<5	<0.1	1.40	0.2	59.9	24.3	0.062	6.6	54
49098 (2831530)	<1	8.84	<5	<20	871	<5	<0.1	1.09	0.2	57.3	26.1	0.053	6.0	56
49099 (2831531)	<1	8.30	<5	<20	567	<5	<0.1	1.11	0.3	58.8	21.3	0.057	4.9	55
49100 (2831532)	<1	7.98	<5	<20	396	<5	<0.1	1.33	0.4	59.4	21.0	0.055	4.5	50

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785368

PROJECT: 2021 SURIMEAU DDH BATCH 68

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 28, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
49051 (2831483)	2.72	1.66	1.13	4.05	21.0	4.05	1	4	0.58	<0.2	1.85	32.0	34	0.25
49052 (2831484)	0.05	<0.05	<0.05	0.08	0.22	0.06	<1	<1	<0.05	<0.2	<0.05	0.6	11	<0.05
49053 (2831485)	2.71	1.48	1.14	4.34	21.4	3.62	2	4	0.53	<0.2	2.12	30.7	36	0.23
49054 (2831486)	2.98	1.50	1.16	4.36	22.8	3.96	1	4	0.62	<0.2	2.24	31.2	44	0.23
49055 (2831487)	3.10	1.80	1.18	4.83	25.9	4.74	1	3	0.66	<0.2	3.09	35.3	47	0.23
49056 (2831488)	2.51	1.43	1.09	3.90	20.6	3.48	1	4	0.50	<0.2	1.79	31.1	35	0.22
49057 (2831489)	3.25	1.89	1.06	4.58	23.3	4.06	2	4	0.67	<0.2	2.22	30.6	45	0.31
49058 (2831490)	2.94	1.77	1.06	4.62	25.1	3.86	1	3	0.63	<0.2	2.36	27.1	51	0.26
49059 (2831491)	2.63	1.51	1.12	4.17	21.6	3.80	2	4	0.58	<0.2	2.08	32.6	41	0.22
49060 (2831492)	2.51	1.50	1.05	3.85	18.7	3.64	2	4	0.57	<0.2	1.67	32.8	33	0.21
49061 (2831493)	2.70	1.56	1.09	3.68	19.5	3.58	1	4	0.53	<0.2	1.62	32.8	32	0.24
49062 C-DUP (2831494)	2.77	1.43	1.05	4.36	23.2	3.85	1	4	0.55	<0.2	2.20	31.9	42	0.21
49063 (2831495)	2.60	1.49	1.08	4.41	22.4	3.91	1	3	0.57	<0.2	2.21	31.4	42	0.22
49064 (2831496)	2.51	1.34	1.00	4.28	21.7	3.58	1	4	0.51	<0.2	2.21	30.4	39	0.24
49065 (2831497)	2.83	1.63	1.05	4.68	23.0	3.63	1	4	0.59	<0.2	2.49	29.3	43	0.24
49066 (2831498)	2.72	1.62	1.09	4.19	21.0	3.78	2	3	0.57	<0.2	2.34	31.8	38	0.25
49067 (2831499)	3.04	1.73	1.14	4.73	22.9	4.13	1	4	0.64	<0.2	2.70	31.7	41	0.29
49068 (2831500)	3.01	1.76	1.02	4.88	24.1	4.11	1	4	0.62	<0.2	2.89	30.6	42	0.27
49069 (2831501)	2.86	1.62	1.12	4.51	21.8	3.91	1	4	0.61	<0.2	2.11	31.5	40	0.25
49070 (2831502)	2.87	1.73	0.96	4.11	22.7	3.51	2	4	0.59	<0.2	2.26	27.9	40	0.26
49071 (2831503)	2.76	1.58	1.05	4.21	23.0	3.78	1	4	0.56	<0.2	2.44	30.9	42	0.25
49072 (2831504)	0.10	0.05	<0.05	0.06	0.12	0.06	<1	<1	<0.05	<0.2	<0.05	0.7	<10	<0.05
49073 (2831505)	4.21	2.25	1.12	3.99	24.6	4.76	1	5	0.84	<0.2	2.47	40.2	40	0.36
49074 (2831506)	2.91	1.59	1.03	4.51	23.4	3.99	2	3	0.58	<0.2	2.78	30.1	39	0.22
49075 (2831507)	2.41	1.43	1.00	4.18	20.9	3.29	1	4	0.49	<0.2	2.22	26.9	41	0.21
49076 (2831508)	2.71	1.43	1.14	4.32	21.9	3.71	2	4	0.57	<0.2	2.34	29.7	46	0.23
49077 (2831509)	2.80	1.59	1.12	4.76	24.1	3.77	1	4	0.59	<0.2	2.64	28.6	51	0.27
49078 (2831510)	2.66	1.53	1.11	4.24	21.8	3.86	2	4	0.55	<0.2	2.12	33.3	47	0.20
49079 (2831511)	2.65	1.55	1.14	3.99	21.0	3.78	2	4	0.55	<0.2	1.77	33.2	42	0.25
49080 (2831512)	2.44	1.31	1.00	4.08	20.1	3.38	1	4	0.49	<0.2	1.76	28.3	40	0.22
49081 (2831513)	2.63	1.46	1.27	4.56	22.2	3.73	1	3	0.55	<0.2	2.42	32.8	45	0.21
49082 (2831514)	2.55	1.40	1.17	4.55	21.1	3.64	1	4	0.53	<0.2	2.48	31.1	43	0.21

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785368

PROJECT: 2021 SURIMEAU DDH BATCH 68

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 28, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
49083 (2831515)	1.67	0.87	1.07	3.14	22.5	2.97	1	4	0.36	<0.2	1.62	27.4	29	0.14
49084 (2831516)	2.39	1.31	1.14	3.99	25.6	3.60	1	4	0.47	<0.2	2.20	29.1	44	0.20
49085 (2831517)	1.65	0.88	0.88	2.94	16.4	2.47	1	3	0.34	<0.2	1.34	20.6	30	0.13
49086 (2831518)	1.20	0.50	1.38	1.78	23.1	3.11	<1	4	0.21	<0.2	0.82	29.8	16	0.06
49087 (2831519)	1.17	0.44	1.14	1.84	24.9	3.27	<1	4	0.20	<0.2	0.86	31.1	15	0.06
49088 (2831520)	1.20	0.50	1.17	1.75	25.8	3.34	<1	4	0.20	<0.2	0.87	32.3	16	0.06
49089 (2831521)	2.31	1.28	1.07	4.06	21.3	3.26	2	4	0.49	<0.2	1.93	29.1	38	0.19
49090 (2831522)	2.78	1.52	1.08	4.87	22.6	3.90	1	4	0.58	<0.2	2.99	31.5	44	0.23
49091 (2831523)	2.57	1.52	1.16	4.37	21.3	3.61	2	3	0.56	<0.2	2.38	30.5	38	0.21
49092 (2831524)	2.53	1.54	1.17	4.43	21.5	3.45	1	4	0.56	<0.2	2.22	32.5	36	0.23
49093 (2831525)	2.95	1.77	1.19	4.65	23.4	3.94	1	4	0.61	<0.2	2.76	31.9	42	0.25
49094 (2831526)	3.00	1.60	1.14	4.45	24.3	3.85	1	4	0.61	<0.2	2.52	31.9	39	0.25
49095 C-DUP (2831527)	2.87	1.60	1.12	4.83	21.5	3.98	1	3	0.59	<0.2	2.89	31.5	44	0.24
49096 (2831528)	2.80	1.60	1.18	4.53	22.2	3.86	1	4	0.56	<0.2	2.42	31.8	42	0.24
49097 (2831529)	2.70	1.70	1.16	4.73	23.3	3.84	1	3	0.59	<0.2	2.63	28.2	53	0.24
49098 (2831530)	2.87	1.80	1.19	4.49	21.5	3.58	1	3	0.64	<0.2	2.25	28.0	46	0.26
49099 (2831531)	2.41	1.30	1.13	3.97	19.0	3.22	1	3	0.46	<0.2	1.83	30.4	37	0.20
49100 (2831532)	2.52	1.43	1.06	3.62	19.7	3.49	1	4	0.53	<0.2	1.57	28.8	35	0.23

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785368

PROJECT: 2021 SURIMEAU DDH BATCH 68

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 28, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
49051 (2831483)	1.55	429	2	5	28.1	87	0.07	8	7.71	70.4	0.17	<0.1	14	32.0
49052 (2831484)	13.1	376	<2	<1	0.3	<5	<0.01	<5	0.12	0.9	0.24	<0.1	<5	6.97
49053 (2831485)	1.70	442	3	6	26.5	83	0.07	10	7.43	79.5	0.19	<0.1	15	31.7
49054 (2831486)	1.73	455	6	6	27.4	80	0.10	10	7.59	88.7	0.17	<0.1	16	31.3
49055 (2831487)	1.99	510	7	7	30.9	99	0.06	8	8.60	106	0.11	<0.1	19	31.2
49056 (2831488)	1.59	459	<2	6	25.3	65	0.05	9	7.20	66.9	0.15	<0.1	12	32.6
49057 (2831489)	1.84	542	2	6	27.2	85	0.05	9	7.52	86.3	0.13	<0.1	16	31.1
49058 (2831490)	1.86	567	<2	7	25.5	95	0.06	9	7.08	95.2	0.15	0.1	18	29.1
49059 (2831491)	1.69	481	<2	6	27.5	83	0.05	9	7.71	82.5	0.12	<0.1	15	32.0
49060 (2831492)	1.42	479	<2	6	26.2	69	0.07	10	7.34	66.1	0.19	<0.1	13	33.4
49061 (2831493)	1.37	460	<2	5	25.6	91	0.07	9	7.31	65.6	0.19	<0.1	12	32.6
49062 C-DUP (2831494)	1.74	476	<2	6	27.3	82	0.05	9	7.83	85.4	0.12	<0.1	15	32.1
49063 (2831495)	1.76	478	<2	6	26.8	79	0.06	9	7.63	86.1	0.12	<0.1	15	31.9
49064 (2831496)	1.67	489	<2	6	25.6	77	0.07	10	6.96	85.5	0.12	<0.1	15	31.6
49065 (2831497)	1.91	524	<2	7	26.3	83	0.05	10	7.33	96.9	0.12	<0.1	17	30.6
49066 (2831498)	1.62	467	<2	6	26.1	74	0.06	11	7.25	88.2	0.11	<0.1	14	31.9
49067 (2831499)	1.83	503	<2	7	28.3	90	0.06	12	7.88	96.2	0.19	0.1	18	29.7
49068 (2831500)	1.94	492	2	6	28.2	97	0.06	11	7.55	99.3	0.12	<0.1	18	29.8
49069 (2831501)	1.72	518	<2	6	26.8	83	0.05	13	7.53	85.4	0.18	<0.1	16	30.6
49070 (2831502)	1.67	473	<2	6	26.1	74	0.05	11	7.20	85.0	0.09	<0.1	14	31.1
49071 (2831503)	1.81	454	<2	7	26.9	72	0.06	12	7.55	88.0	0.05	<0.1	15	31.5
49072 (2831504)	13.2	406	<2	<1	0.4	<5	<0.01	<5	0.13	0.7	0.29	<0.1	<5	6.41
49073 (2831505)	1.75	431	<2	9	34.9	62	0.04	13	9.70	85.4	0.09	<0.1	13	29.4
49074 (2831506)	1.87	455	3	6	27.1	90	0.05	9	7.58	93.0	0.18	<0.1	17	29.8
49075 (2831507)	1.65	468	<2	6	22.6	75	0.05	13	6.32	79.5	0.18	<0.1	14	30.9
49076 (2831508)	1.82	507	<2	6	26.6	79	0.04	13	7.25	88.3	0.15	<0.1	15	30.0
49077 (2831509)	1.95	504	4	6	27.0	94	0.05	12	7.18	97.9	0.19	<0.1	18	29.1
49078 (2831510)	1.74	513	<2	6	28.2	77	0.04	12	7.79	82.4	0.24	<0.1	15	30.0
49079 (2831511)	1.55	507	<2	6	28.6	73	0.06	8	7.76	71.1	0.20	<0.1	14	29.4
49080 (2831512)	1.65	496	2	5	24.2	71	0.05	9	6.79	66.4	0.22	<0.1	13	31.4
49081 (2831513)	1.83	520	<2	6	28.0	80	0.05	9	7.80	91.8	0.14	<0.1	16	30.8
49082 (2831514)	1.76	516	<2	6	26.4	80	0.06	13	7.37	89.1	0.23	<0.1	16	30.0

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785368

PROJECT: 2021 SURIMEAU DDH BATCH 68

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 28, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
49083 (2831515)	1.18	366	<2	5	24.7	46	0.06	17	6.79	59.2	0.10	<0.1	9	30.5
49084 (2831516)	1.61	449	<2	6	26.6	76	0.06	15	7.25	79.3	0.09	<0.1	13	31.0
49085 (2831517)	1.13	331	2	4	18.2	51	0.06	15	5.08	49.7	0.08	<0.1	9	36.1
49086 (2831518)	0.59	226	<2	3	29.3	17	0.07	24	7.72	29.3	0.04	<0.1	<5	33.7
49087 (2831519)	0.60	213	<2	3	30.0	16	0.06	23	8.06	30.2	0.06	0.1	<5	34.5
49088 (2831520)	0.58	182	<2	4	31.0	10	0.06	21	8.50	32.7	0.04	<0.1	<5	34.5
49089 (2831521)	1.55	493	<2	5	24.2	69	0.07	17	6.68	76.6	0.16	<0.1	13	31.8
49090 (2831522)	1.92	553	4	6	28.6	93	0.05	15	7.75	98.7	0.26	<0.1	18	29.6
49091 (2831523)	1.72	479	<2	6	26.2	73	0.05	14	7.28	86.6	0.23	<0.1	15	32.0
49092 (2831524)	1.63	489	<2	6	27.2	253	0.04	16	7.70	85.0	0.25	<0.1	14	31.6
49093 (2831525)	1.81	485	4	6	27.6	89	0.06	10	7.69	100	0.24	<0.1	17	30.1
49094 (2831526)	1.75	503	2	6	27.4	78	0.05	13	7.65	94.9	0.20	<0.1	15	31.6
49095 C-DUP (2831527)	1.89	505	5	6	26.6	87	0.06	9	7.51	97.8	0.24	0.1	18	30.9
49096 (2831528)	1.75	493	2	6	27.8	77	0.06	11	7.70	94.3	0.20	<0.1	15	31.7
49097 (2831529)	2.23	512	3	6	26.5	97	0.10	12	7.20	108	0.20	<0.1	17	29.8
49098 (2831530)	1.85	472	<2	6	24.5	92	0.05	13	6.71	92.0	0.17	<0.1	18	29.9
49099 (2831531)	1.54	410	<2	5	24.0	77	0.04	10	6.76	72.7	0.21	<0.1	14	31.6
49100 (2831532)	1.45	508	<2	5	24.7	70	0.05	12	6.91	59.7	0.22	<0.1	12	32.5

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785368

PROJECT: 2021 SURIMEAU DDH BATCH 68

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 28, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
49051 (2831483)	4.7	1	266	0.6	0.58	8.5	0.31	<0.5	0.25	2.67	110	<1	14.5	1.5
49052 (2831484)	0.1	<1	153	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.28	<5	<1	<0.5	<0.1
49053 (2831485)	4.6	1	261	0.6	0.50	8.3	0.35	<0.5	0.23	2.51	122	<1	13.6	1.4
49054 (2831486)	4.9	2	246	0.6	0.56	9.0	0.35	<0.5	0.25	2.79	120	<1	14.5	1.5
49055 (2831487)	5.7	2	192	0.7	0.65	8.8	0.37	0.6	0.25	2.63	141	1	16.8	1.6
49056 (2831488)	4.1	1	299	0.5	0.50	7.7	0.31	<0.5	0.22	2.42	100	<1	13.1	1.4
49057 (2831489)	4.8	1	284	0.6	0.61	8.4	0.36	<0.5	0.29	2.50	126	<1	17.3	1.7
49058 (2831490)	4.5	1	264	0.6	0.56	7.7	0.37	<0.5	0.27	2.35	134	<1	16.6	1.6
49059 (2831491)	4.6	1	268	0.6	0.58	8.0	0.33	<0.5	0.23	2.32	119	<1	14.2	1.5
49060 (2831492)	4.5	<1	309	0.5	0.52	8.0	0.31	<0.5	0.23	2.36	97	<1	13.7	1.4
49061 (2831493)	4.3	1	300	0.5	0.52	7.8	0.30	<0.5	0.23	2.44	96	<1	13.8	1.4
49062 C-DUP (2831494)	4.8	1	260	0.6	0.56	8.0	0.34	<0.5	0.23	2.41	118	<1	14.3	1.4
49063 (2831495)	4.6	1	261	0.6	0.57	7.9	0.34	<0.5	0.24	2.32	120	<1	14.3	1.4
49064 (2831496)	4.2	1	261	0.6	0.52	7.2	0.34	<0.5	0.21	2.27	116	<1	13.4	1.4
49065 (2831497)	4.7	1	243	0.6	0.56	8.1	0.36	0.5	0.25	2.36	131	<1	14.8	1.6
49066 (2831498)	4.6	1	248	0.6	0.52	7.3	0.32	0.5	0.24	2.18	112	<1	14.5	1.6
49067 (2831499)	5.3	2	220	0.6	0.60	8.8	0.37	0.6	0.27	2.70	138	<1	16.9	1.6
49068 (2831500)	4.9	2	184	0.6	0.57	8.2	0.38	0.5	0.27	2.47	143	2	15.9	1.7
49069 (2831501)	4.6	1	251	0.6	0.57	8.3	0.36	0.5	0.26	2.63	126	<1	14.8	1.5
49070 (2831502)	4.3	1	257	0.6	0.55	7.7	0.32	<0.5	0.26	2.43	114	<1	15.1	1.6
49071 (2831503)	4.8	1	224	0.6	0.55	8.0	0.33	<0.5	0.25	2.46	115	<1	14.5	1.6
49072 (2831504)	<0.1	<1	149	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.33	<5	<1	0.5	<0.1
49073 (2831505)	6.0	2	225	1.0	0.74	12.9	0.29	<0.5	0.35	3.83	100	<1	18.8	2.2
49074 (2831506)	5.0	2	181	0.6	0.59	7.9	0.35	0.5	0.25	2.46	130	2	14.9	1.6
49075 (2831507)	4.1	2	265	0.5	0.47	7.9	0.33	<0.5	0.21	2.58	113	2	12.9	1.4
49076 (2831508)	4.5	2	279	0.5	0.55	8.0	0.33	0.5	0.22	2.53	122	<1	13.6	1.4
49077 (2831509)	4.7	2	235	0.5	0.59	7.5	0.37	0.5	0.26	2.54	142	<1	14.5	1.6
49078 (2831510)	4.7	2	292	0.5	0.55	8.4	0.35	<0.5	0.21	2.74	122	<1	14.2	1.4
49079 (2831511)	4.7	2	278	0.5	0.53	7.7	0.32	<0.5	0.22	2.49	110	<1	13.9	1.5
49080 (2831512)	4.3	1	302	0.5	0.51	7.7	0.32	<0.5	0.20	2.46	107	<1	12.8	1.3
49081 (2831513)	4.7	2	276	0.5	0.57	7.9	0.36	0.5	0.23	2.44	128	<1	14.2	1.4
49082 (2831514)	4.5	1	277	<0.5	0.52	7.6	0.36	0.5	0.23	2.47	126	<1	13.4	1.4

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785368

PROJECT: 2021 SURIMEAU DDH BATCH 68

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 28, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
49083 (2831515)	4.3	1	579	<0.5	0.40	5.7	0.27	<0.5	0.14	2.06	77	<1	8.9	0.8
49084 (2831516)	4.5	2	494	<0.5	0.48	6.7	0.33	<0.5	0.19	2.28	110	<1	12.1	1.2
49085 (2831517)	3.3	1	385	<0.5	0.36	4.5	0.24	<0.5	0.13	1.47	74	1	8.2	0.8
49086 (2831518)	4.9	<1	1100	<0.5	0.33	4.5	0.21	<0.5	0.06	1.97	39	<1	5.6	0.4
49087 (2831519)	5.1	<1	1270	<0.5	0.33	4.7	0.21	<0.5	0.06	1.99	38	<1	5.1	0.4
49088 (2831520)	5.0	<1	1350	<0.5	0.34	4.5	0.21	<0.5	0.06	1.91	35	<1	5.4	0.3
49089 (2831521)	4.4	1	406	<0.5	0.47	7.1	0.32	<0.5	0.19	2.40	103	<1	12.2	1.3
49090 (2831522)	5.0	2	228	0.5	0.57	7.9	0.37	0.6	0.25	2.49	142	<1	13.9	1.5
49091 (2831523)	4.5	1	258	0.5	0.55	7.5	0.33	0.5	0.25	2.40	119	<1	12.9	1.4
49092 (2831524)	4.6	1	274	0.5	0.52	7.8	0.33	0.5	0.21	2.52	117	<1	13.3	1.4
49093 (2831525)	4.9	2	294	0.6	0.60	7.9	0.36	0.6	0.26	2.55	131	3	15.3	1.7
49094 (2831526)	4.5	2	334	0.6	0.57	8.0	0.35	0.6	0.26	2.49	119	<1	14.7	1.5
49095 C-DUP (2831527)	4.7	2	300	0.5	0.54	7.4	0.38	0.6	0.25	2.38	136	2	14.8	1.6
49096 (2831528)	4.5	1	322	0.5	0.56	8.2	0.35	0.6	0.25	2.71	119	3	14.6	1.4
49097 (2831529)	4.8	1	369	0.5	0.57	7.5	0.35	0.7	0.25	2.57	138	3	14.6	1.7
49098 (2831530)	4.3	2	293	0.6	0.55	7.1	0.36	0.6	0.26	2.38	136	<1	15.7	1.6
49099 (2831531)	4.0	1	276	<0.5	0.45	6.6	0.32	<0.5	0.20	2.16	111	<1	12.0	1.3
49100 (2831532)	4.2	1	326	0.5	0.50	7.4	0.31	<0.5	0.22	2.55	98	<1	13.5	1.3

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785368

PROJECT: 2021 SURIMEAU DDH BATCH 68

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 28, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
49051 (2831483)	101	141
49052 (2831484)	42	1.4
49053 (2831485)	94	143
49054 (2831486)	91	145
49055 (2831487)	124	131
49056 (2831488)	125	153
49057 (2831489)	130	148
49058 (2831490)	127	134
49059 (2831491)	127	134
49060 (2831492)	91	150
49061 (2831493)	82	143
49062 C-DUP (2831494)	82	137
49063 (2831495)	84	126
49064 (2831496)	80	132
49065 (2831497)	93	135
49066 (2831498)	99	124
49067 (2831499)	83	142
49068 (2831500)	83	133
49069 (2831501)	79	148
49070 (2831502)	83	134
49071 (2831503)	76	132
49072 (2831504)	28	1.0
49073 (2831505)	70	157
49074 (2831506)	57	126
49075 (2831507)	59	129
49076 (2831508)	74	129
49077 (2831509)	105	124
49078 (2831510)	110	144
49079 (2831511)	98	147
49080 (2831512)	101	138
49081 (2831513)	98	127
49082 (2831514)	94	132

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785368

PROJECT: 2021 SURIMEAU DDH BATCH 68

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 28, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
49083 (2831515)	80	131
49084 (2831516)	86	132
49085 (2831517)	56	88.0
49086 (2831518)	48	147
49087 (2831519)	57	147
49088 (2831520)	63	149
49089 (2831521)	82	137
49090 (2831522)	108	129
49091 (2831523)	171	119
49092 (2831524)	174	134
49093 (2831525)	148	126
49094 (2831526)	161	136
49095 C-DUP (2831527)	160	124
49096 (2831528)	120	136
49097 (2831529)	112	119
49098 (2831530)	97	125
49099 (2831531)	113	119
49100 (2831532)	129	142

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785368

PROJECT: 2021 SURIMEAU DDH BATCH 68

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 28, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
49051 (2831483)	80.55
49070 (2831502)	77.08
49090 (2831522)	83.92

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785368

PROJECT: 2021 SURIMEAU DDH BATCH 68

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Sep 28, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
49051 (2831483)	92.83
49070 (2831502)	89.37
49090 (2831522)	85.62

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O785368

PROJECT: 2021 SURIMEAU DDH BATCH 68

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	2831483	< 1	< 1	0.0%	2831497	< 1	< 1	0.0%	2831508	< 1	< 1	0.0%	2831523	< 1	< 1	0.0%
Al	2831483	8.28	8.39	1.3%	2831497	8.79	8.83	0.5%	2831508	8.58	8.65	0.8%	2831523	8.46	8.36	1.2%
As	2831483	< 5	< 5	0.0%	2831497	< 5	< 5	0.0%	2831508	< 5	< 5	0.0%	2831523	< 5	< 5	0.0%
B	2831483	< 20	< 20	0.0%	2831497	< 20	< 20	0.0%	2831508	< 20	< 20	0.0%	2831523	< 20	< 20	0.0%
Ba	2831483	675	688	1.9%	2831497	787	790	0.4%	2831508	712	709	0.4%	2831523	574	568	1.1%
Be	2831483	< 5	< 5	0.0%	2831497	< 5	< 5	0.0%	2831508	< 5	< 5	0.0%	2831523	< 5	< 5	0.0%
Bi	2831483	< 0.1	< 0.1	0.0%	2831497	< 0.1	< 0.1	0.0%	2831508	< 0.1	< 0.1	0.0%	2831523	0.2	0.2	0.0%
Ca	2831483	1.15	1.16	0.9%	2831497	1.05	1.05	0.0%	2831508	1.13	1.13	0.0%	2831523	1.04	1.00	3.9%
Cd	2831483	0.21	0.28	28.6%	2831497	< 0.2	< 0.2	0.0%	2831508	< 0.2	< 0.2	0.0%	2831523	0.49	0.57	15.1%
Ce	2831483	66.5	64.5	3.1%	2831497	62.0	65.0	4.7%	2831508	62.3	62.1	0.3%	2831523	63.1	65.4	3.6%
Co	2831483	22.6	23.4	3.5%	2831497	24.4	25.0	2.4%	2831508	22.1	22.5	1.8%	2831523	22.6	23.2	2.6%
Cr	2831483	0.066	0.048		2831497	0.0506	0.0504	0.4%	2831508	0.0504	0.0528	4.7%	2831523	0.058	0.058	0.0%
Cs	2831483	4.53	5.01	10.1%	2831497	5.60	5.77	3.0%	2831508	3.2	3.2	0.0%	2831523	5.5	5.5	0.0%
Cu	2831483	50	45	10.5%	2831497	49	50	2.0%	2831508	42	42	0.0%	2831523	55	49	11.5%
Dy	2831483	2.72	2.78	2.2%	2831497	2.83	2.98	5.2%	2831508	2.71	2.62	3.4%	2831523	2.57	2.78	7.9%
Er	2831483	1.66	1.60	3.7%	2831497	1.63	1.57	3.8%	2831508	1.43	1.42	0.7%	2831523	1.52	1.43	6.1%
Eu	2831483	1.13	1.09	3.6%	2831497	1.05	1.23	15.8%	2831508	1.14	1.08	5.4%	2831523	1.16	1.09	6.2%
Fe	2831483	4.05	4.18	3.2%	2831497	4.68	4.72	0.9%	2831508	4.32	4.37	1.2%	2831523	4.37	4.32	1.2%
Ga	2831483	21.0	20.5	2.4%	2831497	23.0	24.3	5.5%	2831508	21.9	20.9	4.7%	2831523	21.3	22.1	3.7%
Gd	2831483	4.05	4.05	0.0%	2831497	3.63	3.96	8.7%	2831508	3.71	3.53	5.0%	2831523	3.61	3.82	5.7%
Ge	2831483	1	1	0.0%	2831497	1	2		2831508	2	1		2831523	2	1	
Hf	2831483	4	4	0.0%	2831497	4	4	0.0%	2831508	4	4	0.0%	2831523	3	3	0.0%
Ho	2831483	0.582	0.588	1.0%	2831497	0.593	0.600	1.2%	2831508	0.569	0.524	8.2%	2831523	0.56	0.53	5.5%
In	2831483	< 0.2	< 0.2	0.0%	2831497	< 0.2	< 0.2	0.0%	2831508	< 0.2	< 0.2	0.0%	2831523	< 0.2	< 0.2	0.0%
K	2831483	1.85	1.97	6.3%	2831497	2.49	2.52	1.2%	2831508	2.34	2.36	0.9%	2831523	2.38	2.33	2.1%
La	2831483	32.0	31.5	1.6%	2831497	29.3	30.9	5.3%	2831508	29.7	29.9	0.7%	2831523	30.5	32.0	4.8%
Li	2831483	34	36	5.7%	2831497	43	43	0.0%	2831508	46	47	2.2%	2831523	38	38	0.0%
Lu	2831483	0.252	0.243	3.6%	2831497	0.24	0.25	4.1%	2831508	0.23	0.23	0.0%	2831523	0.21	0.21	0.0%
Mg	2831483	1.55	1.72	10.4%	2831497	1.91	1.89	1.1%	2831508	1.82	1.80	1.1%	2831523	1.72	1.69	1.8%
Mn	2831483	429	447	4.1%	2831497	524	529	0.9%	2831508	507	523	3.1%	2831523	479	470	1.9%
Mo	2831483	2	2	0.0%	2831497	< 2	< 2	0.0%	2831508	< 2	< 2	0.0%	2831523	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Nb	2831483	5	6	18.2%	2831497	7	7	0.0%	2831508	6	6	0.0%	2831523	6	6	0.0%
Nd	2831483	28.1	26.5	5.9%	2831497	26.3	27.5	4.5%	2831508	26.6	26.4	0.8%	2831523	26.2	27.5	4.8%
Ni	2831483	87	86	1.2%	2831497	83	84	1.2%	2831508	79	76	3.9%	2831523	73	76	4.0%
P	2831483	0.07	0.05		2831497	0.05	0.06	18.2%	2831508	0.04	0.05	22.2%	2831523	0.055	0.057	3.6%
Pb	2831483	8	8	0.0%	2831497	10	10	0.0%	2831508	13	13	0.0%	2831523	14	15	6.9%
Pr	2831483	7.71	7.53	2.4%	2831497	7.33	7.73	5.3%	2831508	7.25	7.32	1.0%	2831523	7.28	7.60	4.3%
Rb	2831483	70.4	74.7	5.9%	2831497	96.9	99.3	2.4%	2831508	88.3	88.0	0.3%	2831523	86.6	88.2	1.8%
S	2831483	0.17	0.14	19.4%	2831497	0.12	0.12	0.0%	2831508	0.15	0.15	0.0%	2831523	0.233	0.242	3.8%
Sb	2831483	< 0.1	< 0.1	0.0%	2831497	< 0.1	< 0.1	0.0%	2831508	< 0.1	0.1		2831523	< 0.1	< 0.1	0.0%
Sc	2831483	14	15	6.9%	2831497	17	17	0.0%	2831508	15	15	0.0%	2831523	15	14	6.9%
Si	2831483	32.0	31.7	0.9%	2831497	30.6	30.7	0.3%	2831508	30.0	30.2	0.7%	2831523	32.0	31.4	1.9%
Sm	2831483	4.7	4.6	2.2%	2831497	4.7	4.8	2.1%	2831508	4.5	4.5	0.0%	2831523	4.51	4.59	1.8%
Sn	2831483	1	1	0.0%	2831497	1	1	0.0%	2831508	2	2	0.0%	2831523	1	1	0.0%
Sr	2831483	266	264	0.8%	2831497	243	244	0.4%	2831508	279	282	1.1%	2831523	258	259	0.4%
Ta	2831483	0.6	0.6	0.0%	2831497	0.6	0.6	0.0%	2831508	0.5	0.5	0.0%	2831523	0.5	0.5	0.0%
Tb	2831483	0.583	0.565	3.1%	2831497	0.56	0.56	0.0%	2831508	0.55	0.52	5.6%	2831523	0.549	0.524	4.7%
Th	2831483	8.5	8.4	1.2%	2831497	8.1	8.1	0.0%	2831508	8.0	7.6	5.1%	2831523	7.5	7.8	3.9%
Ti	2831483	0.314	0.333	5.9%	2831497	0.36	0.36	0.0%	2831508	0.335	0.338	0.9%	2831523	0.33	0.33	0.0%
Tl	2831483	< 0.5	< 0.5	0.0%	2831497	0.5	0.5	0.0%	2831508	0.5	0.5	0.0%	2831523	0.5	0.5	0.0%
Tm	2831483	0.25	0.25	0.0%	2831497	0.25	0.26	3.9%	2831508	0.22	0.22	0.0%	2831523	0.246	0.227	8.0%
U	2831483	2.67	2.62	1.9%	2831497	2.36	2.43	2.9%	2831508	2.53	2.46	2.8%	2831523	2.40	2.45	2.1%
V	2831483	110	113	2.7%	2831497	131	131	0.0%	2831508	122	121	0.8%	2831523	119	116	2.6%
W	2831483	< 1	< 1	0.0%	2831497	< 1	< 1	0.0%	2831508	< 1	< 1	0.0%	2831523	< 1	< 1	0.0%
Y	2831483	14.5	14.6	0.7%	2831497	14.8	15.5	4.6%	2831508	13.6	13.6	0.0%	2831523	12.9	13.2	2.3%
Yb	2831483	1.51	1.57	3.9%	2831497	1.58	1.53	3.2%	2831508	1.39	1.33	4.4%	2831523	1.4	1.4	0.0%
Zn	2831483	101	105	3.9%	2831497	93	93	0.0%	2831508	74	78	5.3%	2831523	171	174	1.7%
Zr	2831483	141	148	4.8%	2831497	135	134	0.7%	2831508	129	129	0.0%	2831523	119	127	6.5%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O785368

PROJECT: 2021 SURIMEAU DDH BATCH 68

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.28	98%	90% - 110%					6.94	6.86	99%	90% - 110%	13.0	12.7	97%	90% - 110%
As	26	26	101%	90% - 110%												
Ba	540	512	95%	90% - 110%									1310	1242	95%	90% - 110%
Be	4.0	4.4	111%	90% - 110%												
Ca	0.907	0.895	99%	90% - 110%					4.01	3.94	98%	90% - 110%	1.42	1.41	99%	90% - 110%
Ce	98	106	108%	90% - 110%	58.2	66.4	114%	90% - 110%								
Co	15	14	91%	90% - 110%												
Cu	150	155	103%	90% - 110%												
Er	3.7	3.9	106%	90% - 110%												
Fe	3.77	3.85	102%	90% - 110%					7.56	7.67	101%	90% - 110%	3.27	3.28	100%	90% - 110%
Ga					22.6	23.1	102%	90% - 110%								
Hf	11	10	90%	90% - 110%												
K	2.55	2.47	97%	90% - 110%					2.02	1.97	98%	90% - 110%	3.68	3.62	98%	90% - 110%
La	44	46	105%	90% - 110%	27.5	30.6	111%	90% - 110%								
Li	47	47	100%	90% - 110%									65.0	68.6	106%	90% - 110%
Lu	0.6	0.6	95%	90% - 110%												
Mg	1.1	1	95%	90% - 110%					2.41	2.33	97%	90% - 110%				
Mn	780	749	96%	90% - 110%												
Mo	14	12	87%	90% - 110%												
Nb	20	19	96%	90% - 110%	22.6	22.4	99%	90% - 110%								
Nd					27.3	28.4	104%	90% - 110%								
Ni	32	29	92%	90% - 110%												
Pb	31	31	99%	90% - 110%												
Rb	144	145	101%	90% - 110%	85.4	88.1	103%	90% - 110%								
Sb	0.8	0.7	91%	90% - 110%												
Sc	12	12	100%	90% - 110%												
Si	28.4	29.7	105%	90% - 110%					23.65	24.86	105%	90% - 110%	24.4	25.4	104%	90% - 110%
Sm	7.4	7.8	106%	90% - 110%												
Sr	144	152	105%	90% - 110%									310	318	103%	90% - 110%
Ta	1.9	2.2	116%	90% - 110%												
Tb	1.2	1.2	102%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Th	18.4	19.5	106%	90% - 110%												
Ti	0.527	0.508	96%	90% - 110%									0.222	0.209	94%	90% - 110%
U	5.7	6.2	108%	90% - 110%												
V	77	85	110%	90% - 110%												
W	5	4	73%	90% - 110%												
Y	40	36	91%	90% - 110%	25.3	25.5	101%	90% - 110%								
Yb					2.66	2.99	113%	90% - 110%								
Zn	130	119	92%	90% - 110%									75.4	80.1	106%	90% - 110%
Zr	390	377	97%	90% - 110%	157	155	99%	90% - 110%								

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O785368

PROJECT: 2021 SURIMEAU DDH BATCH 68

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O785368

PROJECT: 2021 SURIMEAU DDH BATCH 68

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O785368

PROJECT: 2021 SURIMEAU DDH BATCH 68

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 SURIMEAU DDH BATCH 69

AGAT WORK ORDER: 21O785372

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Oct 19, 2021

PAGES (INCLUDING COVER): 14

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785372

PROJECT: 2021 SURIMEAU DDH BATCH 69

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Oct 19, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
49101 (2831546)	2.25
49102 (2831547)	0.87
49103 (2831548)	2.34
49104 (2831549)	2.26
49105 (2831550)	0.05
49106 (2831551)	2.13
49107 (2831552)	2.26
49108 (2831553)	2.22
49109 (2831554)	2.23
49110 (2831555)	2.49
49111 (2831556)	2.13
49112 C-DUP (2831557)	-
49113 (2831558)	1.59

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785372

PROJECT: 2021 SURIMEAU DDH BATCH 69

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Oct 19, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
49101 (2831546)	<1	8.44	<5	<20	602	<5	<0.1	2.12	<0.2	38.1	12.0	0.039	1.2	27
49102 (2831547)	<1	9.15	<5	<20	866	<5	<0.1	1.72	<0.2	17.6	15.9	0.050	2.9	30
49103 (2831548)	<1	10.2	<5	<20	993	<5	0.1	0.97	<0.2	31.3	24.1	0.041	4.0	14
49104 (2831549)	<1	8.09	<5	<20	446	<5	<0.1	1.34	<0.2	<0.1	0.8	0.058	0.3	49
49105 (2831550)	<1	9.42	<5	<20	525	<5	0.9	6.18	0.3	27.3	16.9	0.028	1.2	45
49106 (2831551)	<1	6.34	<5	<20	94.4	<5	0.5	9.61	0.3	26.4	51.2	0.069	0.1	27
49107 (2831552)	<1	10.5	<5	<20	1000	<5	<0.1	1.65	<0.2	49.4	26.7	0.045	10.6	26
49108 (2831553)	<1	7.91	<5	<20	405	<5	0.2	2.86	0.3	53.0	43.7	0.072	1.3	25
49109 (2831554)	<1	3.89	<5	<20	183	<5	0.4	5.25	0.2	14.2	31.8	0.081	0.3	9
49110 (2831555)	<1	8.41	<5	<20	871	<5	0.4	2.02	<0.2	8.9	17.9	0.045	10.5	21
49111 (2831556)	<1	9.10	<5	<20	755	<5	0.2	1.22	0.5	71.0	27.1	0.056	5.8	48
49112 C-DUP (2831557)	<1	8.98	<5	<20	745	<5	0.1	1.20	0.2	73.1	26.9	0.043	5.8	50
49113 (2831558)	<1	7.53	<5	<20	317	<5	0.7	5.29	<0.2	34.5	6.2	0.053	0.8	29

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
49101 (2831546)	1.40	0.80	0.88	2.79	19.3	2.35	1	3	0.28	<0.2	1.36	18.8	12	0.12
49102 (2831547)	0.98	0.85	0.48	5.03	22.0	1.19	<1	4	0.27	<0.2	2.58	7.6	33	0.16
49103 (2831548)	1.78	1.20	0.81	5.92	26.6	2.20	1	3	0.39	<0.2	2.90	14.0	41	0.21
49104 (2831549)	<0.05	<0.05	<0.05	4.36	0.11	<0.05	<1	<1	<0.05	<0.2	1.91	<0.1	43	<0.05
49105 (2831550)	2.43	1.45	1.03	6.72	22.9	2.95	2	3	0.51	<0.2	0.47	14.3	10	0.20
49106 (2831551)	1.91	1.03	0.79	7.94	21.7	2.65	3	2	0.38	<0.2	0.30	11.7	11	0.14
49107 (2831552)	2.45	1.45	1.07	6.32	27.3	3.54	2	3	0.49	<0.2	2.71	25.8	51	0.24
49108 (2831553)	3.28	2.01	1.08	9.15	25.5	3.81	2	2	0.71	<0.2	1.61	15.1	41	0.29
49109 (2831554)	1.05	0.59	0.41	4.71	10.5	1.64	2	1	0.21	<0.2	0.31	5.9	11	0.07
49110 (2831555)	1.57	1.06	0.34	8.94	19.1	0.95	2	3	0.39	<0.2	3.13	4.7	44	0.19
49111 (2831556)	3.53	2.15	1.30	5.25	23.7	4.36	1	4	0.74	<0.2	2.34	35.5	52	0.28
49112 C-DUP (2831557)	3.69	2.26	1.33	5.06	22.8	4.82	1	4	0.85	<0.2	2.31	37.0	50	0.28
49113 (2831558)	1.74	1.03	0.90	4.35	20.0	2.36	2	3	0.37	<0.2	0.59	15.2	<10	0.14

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785372

PROJECT: 2021 SURIMEAU DDH BATCH 69

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Oct 19, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
49101 (2831546)	1.11	461	<2	3	17.4	54	0.06	8	4.54	50.2	0.10	<0.1	9	35.6
49102 (2831547)	1.85	506	<2	6	7.1	89	0.07	17	1.91	99.9	0.15	<0.1	18	32.0
49103 (2831548)	2.37	609	3	7	13.7	88	0.07	12	3.79	87.5	<0.01	<0.1	23	30.4
49104 (2831549)	1.78	629	<2	<1	<0.1	91	0.06	<5	<0.05	0.4	0.30	<0.1	14	32.9
49105 (2831550)	2.96	942	<2	5	14.9	20	0.11	18	3.43	15.9	0.39	<0.1	24	29.1
49106 (2831551)	6.84	1420	<2	3	15.7	101	0.07	14	3.61	5.4	0.09	0.1	42	27.7
49107 (2831552)	2.41	607	3	7	26.2	120	0.08	18	6.78	131	<0.01	<0.1	24	29.8
49108 (2831553)	5.87	1460	<2	5	19.8	88	0.14	6	4.69	61.9	0.11	<0.1	42	28.0
49109 (2831554)	4.99	888	<2	2	8.6	93	0.04	<5	1.94	10.2	0.06	<0.1	26	36.3
49110 (2831555)	2.35	661	<2	5	4.0	115	0.12	12	1.01	119	0.03	<0.1	21	30.8
49111 (2831556)	2.01	583	4	7	30.0	104	0.05	12	7.88	85.5	0.23	0.1	18	31.8
49112 C-DUP (2831557)	1.98	552	4	7	31.6	104	0.04	13	8.34	85.0	0.22	<0.1	18	31.3
49113 (2831558)	1.15	628	<2	5	13.8	60	0.06	18	3.67	18.5	0.23	0.1	13	35.3

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
49101 (2831546)	3.0	<1	679	<0.5	0.28	3.7	0.28	<0.5	0.11	0.94	73	<1	7.2	0.7
49102 (2831547)	1.2	<1	477	<0.5	0.17	5.9	0.40	0.5	0.14	1.35	141	<1	6.9	1.0
49103 (2831548)	2.4	<1	252	<0.5	0.28	7.0	0.43	<0.5	0.19	1.42	160	1	10.6	1.4
49104 (2831549)	<0.1	<1	344	<0.5	<0.05	<0.1	0.35	<0.5	<0.05	<0.05	108	2	<0.5	<0.1
49105 (2831550)	3.6	<1	929	<0.5	0.46	3.1	0.55	<0.5	0.22	1.02	218	1	12.9	1.4
49106 (2831551)	3.0	<1	563	<0.5	0.34	1.7	0.39	<0.5	0.14	0.99	226	<1	9.3	1.0
49107 (2831552)	4.2	<1	370	0.5	0.44	7.3	0.43	0.8	0.20	1.88	169	1	12.6	1.5
49108 (2831553)	4.4	1	228	<0.5	0.56	2.5	0.56	<0.5	0.29	1.08	284	4	18.2	1.9
49109 (2831554)	1.9	<1	237	<0.5	0.21	1.0	0.25	<0.5	0.08	0.34	128	1	5.7	0.6
49110 (2831555)	0.9	<1	385	<0.5	0.20	4.6	0.41	0.6	0.20	1.02	156	<1	10.2	1.3
49111 (2831556)	5.0	1	287	0.7	0.67	7.6	0.39	0.6	0.30	2.43	130	<1	22.1	1.8
49112 C-DUP (2831557)	5.1	2	283	0.6	0.70	8.0	0.39	0.5	0.30	2.43	131	2	23.8	1.9
49113 (2831558)	2.6	1	779	<0.5	0.32	5.4	0.30	<0.5	0.14	2.00	117	<1	10.1	1.1

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785372

PROJECT: 2021 SURIMEAU DDH BATCH 69

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Oct 19, 2021 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
49101 (2831546)	57	107
49102 (2831547)	68	140
49103 (2831548)	76	127
49104 (2831549)	110	<0.5
49105 (2831550)	70	100
49106 (2831551)	88	62.2
49107 (2831552)	107	124
49108 (2831553)	162	77.2
49109 (2831554)	58	38.1
49110 (2831555)	85	113
49111 (2831556)	125	152
49112 C-DUP (2831557)	122	146
49113 (2831558)	36	115

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785372

PROJECT: 2021 SURIMEAU DDH BATCH 69

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Oct 19, 2021 | SAMPLE TYPE: Drill Core

	Analyte:	Pass %
	Unit:	%
Sample ID (AGAT ID)	RDL:	0.01
49101 (2831546)		83.20

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O785372

PROJECT: 2021 SURIMEAU DDH BATCH 69

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Aug 08, 2021 | DATE RECEIVED: Aug 09, 2021 | DATE REPORTED: Oct 19, 2021 | SAMPLE TYPE: Drill Core

	Analyte:	Pass %
	Unit:	%
Sample ID (AGAT ID)	RDL:	0.01
49101 (2831546)		88.22

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O785372

PROJECT: 2021 SURIMEAU DDH BATCH 69

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	2831556	< 1	< 1	0.0%	2831549	< 1	< 1	0.0%								
Al	2831546	8.44	8.26	2.2%	2831549	8.09	8.31	2.7%	2831556	9.10	8.93	1.9%	2831557	8.98	8.92	0.7%
As	2831556	< 5	< 5	0.0%	2831549	< 5	< 5	0.0%								
B	2831546	< 20	< 20	0.0%	2831549	< 20	< 20	0.0%	2831556	< 20	< 20	0.0%	2831557	< 20	< 20	0.0%
Ba	2831546	602	595	1.2%	2831549	446	456	2.2%	2831556	755	774	2.5%	2831557	745	754	1.2%
Be	2831556	< 5	< 5	0.0%	2831549	< 5	< 5	0.0%								
Bi	2831556	0.2	0.2	0.0%	2831549	0.15	0.17	12.5%								
Ca	2831546	2.12	2.05	3.4%	2831549	1.34	1.38	2.9%	2831556	1.22	1.20	1.7%	2831557	1.20	1.19	0.8%
Cd	2831556	0.5	< 0.2		2831549	0.2	0.2	0.0%								
Ce	2831556	71.0	74.8	5.2%	2831549	73.1	74.5	1.9%								
Co	2831556	27.1	26.0	4.1%	2831549	26.9	25.8	4.2%								
Cr	2831546	0.039	0.039	0.0%	2831549	0.058	0.059	1.7%	2831556	0.0560	0.0578	3.2%	2831557	0.0427	0.0421	1.4%
Cs	2831556	5.8	5.6	3.5%	2831549	5.78	5.64	2.5%								
Cu	2831546	27	29	7.1%	2831549	49	50	2.0%	2831556	48	51	6.1%	2831557	50	49	2.0%
Dy	2831556	3.53	3.75	6.0%	2831549	3.69	4.07	9.8%								
Er	2831556	2.15	2.35	8.9%	2831549	2.26	2.52	10.9%								
Eu	2831556	1.30	1.34	3.0%	2831549	1.33	1.45	8.6%								
Fe	2831546	2.79	2.74	1.8%	2831549	4.36	4.45	2.0%	2831556	5.25	5.14	2.1%	2831557	5.06	5.04	0.4%
Ga	2831556	23.7	23.0	3.0%	2831549	22.8	22.2	2.7%								
Gd	2831556	4.36	4.80	9.6%	2831549	4.82	4.96	2.9%								
Ge	2831556	1	1	0.0%	2831549	1	2									
Hf	2831556	4	4	0.0%	2831549	4	4	0.0%								
Ho	2831556	0.74	0.86	15.0%	2831549	0.85	0.90	5.7%								
In	2831556	< 0.2	< 0.2	0.0%	2831549	< 0.2	< 0.2	0.0%								
K	2831546	1.36	1.32	3.0%	2831549	1.91	1.96	2.6%	2831556	2.34	2.30	1.7%	2831557	2.31	2.29	0.9%
La	2831556	35.5	37.7	6.0%	2831549	37.0	37.2	0.5%								
Li	2831546	12	12	0.0%	2831549	43	43	0.0%	2831556	52	50	3.9%	2831557	50	51	2.0%
Lu	2831556	0.284	0.289	1.7%	2831549	0.28	0.28	0.0%								
Mg	2831546	1.11	1.06	4.6%	2831549	1.78	1.80	1.1%	2831556	2.01	2.02	0.5%	2831557	1.98	1.99	0.5%
Mn	2831546	461	445	3.5%	2831549	629	652	3.6%	2831556	583	568	2.6%	2831557	552	551	0.2%
Mo	2831556	4	4	0.0%	2831549	4	5	22.2%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Nb	2831556	7	6	15.4%	2831549	7	6	15.4%								
Nd	2831556	30.0	31.3	4.2%	2831549	31.6	31.7	0.3%								
Ni	2831546	54	57	5.4%	2831549	91	91	0.0%	2831556	104	113	8.3%	2831557	104	104	0.0%
P	2831546	0.06	0.06	0.0%	2831549	0.06	0.06	0.0%	2831556	0.050	0.058	14.8%	2831557	0.04	0.04	0.0%
Pb	2831556	12	12	0.0%	2831549	13	12	8.0%								
Pr	2831556	7.88	8.62	9.0%	2831549	8.34	8.28	0.7%								
Rb	2831556	85.5	84.3	1.4%	2831549	85.0	84.7	0.4%								
S	2831546	0.10	0.10	0.0%	2831549	0.30	0.30	0.0%	2831556	0.226	0.223	1.3%	2831557	0.22	0.22	0.0%
Sb	2831556	0.1	0.1	0.0%	2831549	< 0.1	0.2									
Sc	2831546	9	9	0.0%	2831549	14	14	0.0%	2831556	18	18	0.0%	2831557	18	18	0.0%
Si	2831546	35.6	33.9	4.9%	2831549	32.9	33.0	0.3%	2831556	31.8	31.3	1.6%	2831557	31.3	31.1	0.6%
Sm	2831556	5.0	5.5	9.5%	2831549	5.12	5.26	2.7%								
Sn	2831556	1	2		2831549	2	3									
Sr	2831546	679	664	2.2%	2831549	344	351	2.0%	2831556	287	282	1.8%	2831557	283	281	0.7%
Ta	2831556	0.7	0.6	15.4%	2831549	0.6	0.6	0.0%								
Tb	2831556	0.67	0.72	7.2%	2831549	0.701	0.721	2.8%								
Th	2831556	7.6	7.7	1.3%	2831549	8.00	7.62	4.9%								
Ti	2831546	0.279	0.273	2.2%	2831549	0.351	0.359	2.3%	2831556	0.393	0.383	2.6%	2831557	0.386	0.383	0.8%
Tl	2831556	0.6	0.6	0.0%	2831549	0.5	0.5	0.0%								
Tm	2831556	0.301	0.341	12.5%	2831549	0.301	0.338	11.6%								
U	2831556	2.43	2.45	0.8%	2831549	2.43	2.42	0.4%								
V	2831546	73	72	1.4%	2831549	108	110	1.8%	2831556	130	135	3.8%	2831557	131	132	0.8%
W	2831546	< 1	< 1	0.0%	2831549	2	2	0.0%								
Y	2831556	22.1	24.3	9.5%	2831549	23.8	26.4	10.4%								
Yb	2831556	1.8	2.0	10.5%	2831549	1.89	2.17	13.8%								
Zn	2831546	57	51	11.1%	2831549	110	125	12.8%	2831556	125	126	0.8%	2831557	122	124	1.6%
Zr	2831556	152	139	8.9%	2831549	146	146	0.0%								

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O785372

PROJECT: 2021 SURIMEAU DDH BATCH 69

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)															
Parameter	Expect	Actual	Recovery	Limits												
Al	8.47	8.54	101%	90% - 110%												
As	26	25	95%	90% - 110%												
Ba	540	549	102%	90% - 110%												
Be	4.0	3.6	90%	90% - 110%												
Ca	0.907	0.977	108%	90% - 110%												
Ce	98	101	103%	90% - 110%												
Co	15	13	90%	90% - 110%												
Cu	150	159	106%	90% - 110%												
Er	3.7	4.2	115%	90% - 110%												
Fe	3.77	4.02	107%	90% - 110%												
Hf	11	10	92%	90% - 110%												
K	2.55	2.5	98%	90% - 110%												
La	44	45	102%	90% - 110%												
Li	47	50	107%	90% - 110%												
Lu	0.6	0.6	102%	90% - 110%												
Mg	1.1	1.1	100%	90% - 110%												
Mn	780	805	103%	90% - 110%												
Mo	14	13	91%	90% - 110%												
Nb	20	20	99%	90% - 110%												
Pb	31	31	99%	90% - 110%												
Rb	144	140	98%	90% - 110%												
Sb	0.8	0.7	90%	90% - 110%												
Sc	12	13	108%	90% - 110%												
Si	28.4	31.1	110%	90% - 110%												
Sm	7.4	7.6	103%	90% - 110%												
Sr	144	151	104%	90% - 110%												
Ta	1.9	2.0	105%	90% - 110%												
Tb	1.2	1.3	109%	90% - 110%												
Th	18.4	17.9	98%	90% - 110%												
Ti	0.527	0.531	101%	90% - 110%												
U	5.7	5.5	96%	90% - 110%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

V	77	83	108%	90% - 110%												
W	5	5	98%	90% - 110%												
Y	40	36	91%	90% - 110%												
Zn	130	130	100%	90% - 110%												
Zr	390	371	95%	90% - 110%												

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED
AGAT WORK ORDER: 21O785372
PROJECT: 2021 SURIMEAU DDH BATCH 69
ATTENTION TO: Francis Newton
SAMPLING SITE:
SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED
AGAT WORK ORDER: 21O785372
PROJECT: 2021 SURIMEAU DDH BATCH 69
ATTENTION TO: Francis Newton
SAMPLING SITE:
SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O785372

PROJECT: 2021 SURIMEAU DDH BATCH 69

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pass %			BALANCE

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 69

AGAT WORK ORDER: 21O845689

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Feb 16, 2022

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

Disclaimer:

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project Manager if you require additional sample storage time.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
- The test results reported herewith relate only to the samples as received by the laboratory.
- Measurement Uncertainty is not taken into consideration when stating conformity with a specified requirement.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845689

PROJECT: 2021 Surimeau DDH Batch 69

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Feb 16, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
49114 (3351637)	0.810
49115 (3351638)	0.860
49116 (3351639)	2.520
49117 (3351640)	1.950
49118 (3351641)	2.880
49119 (3351642)	3.470
49120 (3351643)	3.310
49121 (3351644)	3.230
49122 (3351645)	0.780
49123 (3351646)	2.730
49124 (3351647)	3.030
49125 (3351648)	2.560
49126 (3351649)	2.130
49127 (3351650)	3.480
49128 (3351651)	3.490
49129 (3351652)	3.390
49130 (3351653)	2.400
49131 (3351654)	2.360
49132 (3351655)	2.370
49133 (3351656)	3.660
49134 (3351657)	3.510
49135 (3351658)	3.330
49136 (3351659)	2.680
49137 (3351660)	1.770
49138 (3351661)	2.220
49139 (3351662)	2.280
49140 (3351663)	3.700
49141 (3351664)	1.650
49142 (3351665)	1.540
49143 (3351666)	3.490
49144 (3351667)	3.570

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845689

PROJECT: 2021 Surimeau DDH Batch 69

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Feb 16, 2022 | SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.005
49145 (3351668)		-
49146 (3351669)		3.470
49147 (3351670)		3.720
49148 (3351671)		2.630
49149 (3351672)		3.280
49150 (3351673)		3.900

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845689

PROJECT: 2021 Surimeau DDH Batch 69

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Feb 16, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
49114 (3351637)	<1	4.28	<5	<20	57.6	<5	0.3	4.54	<0.2	2.7	89.6	0.217	3.8	78
49115 (3351638)	<1	4.15	<5	<20	49.1	<5	0.3	4.56	<0.2	2.6	90.1	0.211	3.7	75
49116 (3351639)	<1	4.43	<5	<20	507	<5	0.3	7.92	<0.2	2.6	88.0	0.206	20.7	58
49117 (3351640)	<1	3.47	<5	<20	247	<5	0.2	10.9	<0.2	2.4	92.8	0.228	10.1	21
49118 (3351641)	<1	2.96	<5	<20	4.1	<5	0.6	5.32	<0.2	1.2	92.9	0.199	1.4	70
49119 (3351642)	<1	2.20	17	<20	<0.5	<5	1.1	2.38	<0.2	1.1	90.1	0.187	1.4	<5
49120 (3351643)	<1	2.27	11	<20	<0.5	<5	1.0	2.46	<0.2	1.6	97.9	0.187	1.6	31
49121 (3351644)	<1	2.65	6	<20	1.7	<5	1.2	3.26	<0.2	2.4	93.4	0.193	1.7	28
49122 (3351645)	1	0.05	<5	<20	12.3	<5	<0.1	34.8	<0.2	1.0	1.3	0.009	0.8	<5
49123 (3351646)	<1	2.83	<5	<20	<0.5	<5	1.0	3.44	<0.2	2.1	95.0	0.203	1.5	19
49124 (3351647)	<1	2.99	<5	<20	0.6	<5	0.5	4.74	<0.2	2.2	93.9	0.207	1.5	34
49125 (3351648)	<1	3.77	<5	<20	2.9	<5	0.3	5.48	<0.2	2.6	94.7	0.243	1.9	60
49126 (3351649)	<1	5.16	<5	<20	656	<5	0.1	6.37	<0.2	16.8	79.4	0.232	22.9	7
49127 (3351650)	<1	4.94	<5	<20	141	<5	0.3	8.02	<0.2	3.0	84.4	0.246	8.6	73
49128 (3351651)	<1	5.06	<5	<20	82.0	<5	0.5	7.77	<0.2	2.6	84.2	0.242	6.3	78
49129 (3351652)	<1	5.02	<5	<20	11.2	<5	0.2	7.03	<0.2	2.6	89.8	0.256	2.5	53
49130 (3351653)	<1	4.64	<5	<20	12.3	<5	0.3	6.60	<0.2	2.9	87.6	0.235	2.9	21
49131 (3351654)	<1	3.73	<5	<20	0.6	<5	0.3	5.52	<0.2	1.9	98.9	0.239	2.1	130
49132 (3351655)	<1	3.29	<5	<20	<0.5	<5	0.7	4.30	<0.2	1.2	97.6	0.214	1.9	48
49133 (3351656)	<1	3.28	<5	<20	<0.5	<5	0.3	5.18	<0.2	1.3	95.5	0.225	1.7	82
49134 (3351657)	<1	3.55	<5	<20	<0.5	<5	0.3	5.43	<0.2	1.6	89.2	0.223	1.7	60
49135 (3351658)	<1	3.58	<5	<20	27.2	<5	0.3	4.28	0.2	1.9	96.3	0.225	3.1	26
49136 (3351659)	1	8.15	<5	<20	203	<5	0.7	1.72	2.3	36.8	128	0.151	7.2	1150
49137 (3351660)	<1	5.90	<5	<20	149	<5	0.1	4.08	<0.2	4.6	138	0.371	7.7	95
49138 (3351661)	<1	5.63	<5	<20	40.3	<5	0.3	3.49	<0.2	3.3	149	0.401	2.5	86
49139 (3351662)	<1	5.95	5	<20	57.1	<5	0.2	5.11	<0.2	3.9	166	0.430	2.6	121
49140 (3351663)	<1	6.20	<5	<20	142	<5	0.4	6.14	<0.2	5.1	148	0.428	2.8	131
49141 (3351664)	<1	6.58	<5	<20	32.6	<5	0.2	6.69	<0.2	3.2	142	0.392	0.2	86
49142 (3351665)	<1	6.47	<5	<20	30.0	<5	0.2	6.97	<0.2	3.4	139	0.396	0.4	89
49143 (3351666)	<1	6.06	<5	<20	70.5	<5	<0.1	7.43	<0.2	3.6	146	0.411	0.5	66
49144 (3351667)	<1	6.49	<5	<20	50.5	<5	<0.1	6.69	<0.2	4.0	156	0.418	0.3	76
49145 (3351668)	<1	6.51	<5	<20	48.5	<5	<0.1	6.68	<0.2	4.4	158	0.426	0.3	80

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845689

PROJECT: 2021 Surimeau DDH Batch 69

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Feb 16, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
49146 (3351669)	<1	6.38	6	<20	78.3	<5	0.1	6.22	<0.2	3.3	160	0.421	1.2	67
49147 (3351670)	<1	6.29	<5	<20	116	<5	0.4	7.01	<0.2	3.7	148	0.433	0.8	57
49148 (3351671)	<1	5.36	<5	<20	70.7	<5	0.4	6.61	<0.2	3.1	165	0.369	1.6	34
49149 (3351672)	<1	5.48	<5	<20	82.3	<5	0.6	8.85	<0.2	3.7	165	0.336	0.5	133
49150 (3351673)	<1	5.83	<5	<20	127	<5	0.8	8.88	0.2	4.8	195	0.379	0.4	323

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845689

PROJECT: 2021 Surimeau DDH Batch 69

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Feb 16, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
49114 (3351637)	1.58	1.12	0.24	8.22	10.8	1.36	1	<1	0.33	<0.2	0.32	0.8	17	0.14
49115 (3351638)	1.70	1.01	0.25	8.15	10.6	1.40	2	<1	0.34	<0.2	0.28	0.8	16	0.13
49116 (3351639)	1.71	1.22	0.54	8.47	10.2	1.47	1	<1	0.36	<0.2	2.43	0.9	109	0.15
49117 (3351640)	1.50	1.04	0.62	7.58	7.67	1.20	1	<1	0.32	<0.2	1.05	0.9	47	0.14
49118 (3351641)	1.12	0.71	0.15	6.92	7.67	0.85	2	<1	0.22	<0.2	<0.05	0.4	<10	0.09
49119 (3351642)	0.83	0.56	0.08	6.38	5.86	0.68	2	<1	0.17	<0.2	<0.05	0.4	<10	0.07
49120 (3351643)	1.01	0.67	0.12	6.82	5.54	0.84	2	<1	0.21	<0.2	<0.05	0.5	<10	0.09
49121 (3351644)	1.07	0.68	0.21	6.66	7.33	0.93	1	<1	0.21	<0.2	<0.05	0.9	<10	0.09
49122 (3351645)	0.24	0.17	<0.05	0.17	0.17	0.23	<1	<1	<0.05	<0.2	<0.05	1.1	<10	<0.05
49123 (3351646)	1.05	0.70	0.68	7.03	7.19	0.87	1	<1	0.23	<0.2	<0.05	0.7	<10	0.09
49124 (3351647)	1.30	0.79	0.24	7.05	7.94	1.11	1	<1	0.27	<0.2	<0.05	0.7	<10	0.12
49125 (3351648)	1.52	0.94	0.35	7.53	8.98	1.16	2	<1	0.29	<0.2	<0.05	0.9	<10	0.13
49126 (3351649)	2.56	1.48	0.94	8.57	13.5	2.84	1	1	0.49	<0.2	2.15	6.9	76	0.19
49127 (3351650)	1.85	1.27	0.55	8.82	10.9	1.53	<1	<1	0.40	<0.2	0.76	1.1	35	0.17
49128 (3351651)	2.10	1.35	0.48	8.82	11.6	1.68	<1	<1	0.42	<0.2	0.54	0.9	28	0.18
49129 (3351652)	2.03	1.30	0.44	8.86	11.6	1.60	<1	<1	0.43	<0.2	0.12	0.9	17	0.17
49130 (3351653)	2.00	1.32	0.39	8.60	11.0	1.66	<1	<1	0.42	<0.2	0.11	1.1	13	0.18
49131 (3351654)	1.35	0.89	0.18	7.64	9.55	1.17	<1	<1	0.27	<0.2	<0.05	0.7	<10	0.12
49132 (3351655)	1.09	0.78	0.11	7.19	9.40	0.93	<1	<1	0.24	<0.2	<0.05	0.4	<10	0.09
49133 (3351656)	1.43	0.91	0.24	7.29	8.92	1.13	1	<1	0.28	<0.2	<0.05	0.4	<10	0.12
49134 (3351657)	1.31	0.85	0.17	7.31	9.56	1.06	2	<1	0.26	<0.2	<0.05	0.6	<10	0.10
49135 (3351658)	1.59	1.02	0.26	8.19	10.1	1.22	2	<1	0.33	<0.2	0.22	0.7	<10	0.12
49136 (3351659)	2.87	1.73	1.16	8.31	23.3	3.37	<1	3	0.57	<0.2	0.72	17.1	26	0.25
49137 (3351660)	2.41	1.60	0.73	8.11	15.1	2.00	2	<1	0.49	<0.2	0.84	2.0	49	0.21
49138 (3351661)	2.31	1.55	0.54	6.05	12.0	1.83	2	<1	0.47	<0.2	0.22	1.1	14	0.19
49139 (3351662)	2.56	1.70	0.55	7.96	14.7	2.11	2	<1	0.54	<0.2	0.31	1.6	20	0.23
49140 (3351663)	2.73	1.81	0.70	8.69	18.7	2.23	2	<1	0.56	<0.2	0.44	2.0	29	0.26
49141 (3351664)	2.68	1.72	0.60	8.16	19.4	2.05	3	<1	0.52	<0.2	0.15	1.2	<10	0.22
49142 (3351665)	2.66	1.64	0.60	8.59	16.3	2.15	1	<1	0.57	<0.2	0.16	1.3	<10	0.24
49143 (3351666)	2.72	1.84	0.67	7.93	15.4	2.13	2	<1	0.58	<0.2	0.19	1.4	<10	0.25
49144 (3351667)	2.72	1.73	0.65	8.42	17.1	2.26	2	<1	0.54	<0.2	0.18	1.5	11	0.25
49145 (3351668)	2.76	1.72	0.65	8.46	17.9	2.19	3	<1	0.55	<0.2	0.18	1.6	12	0.24

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845689

PROJECT: 2021 Surimeau DDH Batch 69

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Feb 16, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
49146 (3351669)	2.61	1.73	0.61	7.88	17.6	2.19	2	<1	0.57	<0.2	0.28	1.2	16	0.24
49147 (3351670)	2.83	1.92	0.63	9.29	18.1	2.28	2	<1	0.57	<0.2	0.27	1.5	18	0.25
49148 (3351671)	2.41	1.53	0.49	8.62	17.0	1.92	2	<1	0.48	<0.2	0.33	1.1	23	0.21
49149 (3351672)	2.27	1.61	0.56	9.78	16.7	1.80	2	<1	0.47	<0.2	0.22	1.7	19	0.22
49150 (3351673)	2.54	1.61	0.72	11.5	18.1	1.97	2	<1	0.52	<0.2	0.24	2.2	22	0.23

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845689

PROJECT: 2021 Surimeau DDH Batch 69

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Feb 16, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
49114 (3351637)	14.8	1330	<2	<1	2.6	929	<0.01	<5	0.43	15.5	0.42	<0.1	24	20.3
49115 (3351638)	14.5	1350	<2	<1	2.5	907	<0.01	<5	0.42	14.4	0.40	<0.1	25	20.3
49116 (3351639)	11.0	1810	<2	<1	2.7	783	<0.01	<5	0.44	117	0.21	<0.1	27	19.0
49117 (3351640)	10.3	2080	<2	<1	2.3	990	<0.01	5	0.39	51.3	0.26	<0.1	23	17.9
49118 (3351641)	14.9	1230	<2	<1	1.4	1310	<0.01	<5	0.21	2.2	0.45	0.2	19	20.8
49119 (3351642)	17.3	1050	<2	<1	1.1	1510	<0.01	<5	0.18	1.2	0.09	0.1	15	19.5
49120 (3351643)	19.1	1150	<2	<1	1.5	1610	<0.01	<5	0.24	1.0	0.08	<0.1	16	19.2
49121 (3351644)	17.4	1120	<2	<1	1.9	1490	<0.01	<5	0.35	1.8	0.14	<0.1	18	19.2
49122 (3351645)	2.25	103	<2	<1	0.9	6	<0.01	<5	0.21	0.6	0.67	<0.1	<5	5.06
49123 (3351646)	16.7	1170	<2	<1	1.8	1410	<0.01	<5	0.33	1.3	0.14	0.1	19	20.5
49124 (3351647)	16.0	1170	<2	<1	1.9	1300	<0.01	<5	0.34	1.5	0.26	<0.1	20	21.2
49125 (3351648)	14.9	1100	<2	<1	2.4	1180	<0.01	<5	0.40	2.0	0.52	0.1	23	21.4
49126 (3351649)	11.2	1560	<2	3	10.6	620	0.06	<5	2.26	107	0.16	0.2	30	20.0
49127 (3351650)	11.2	1810	<2	<1	2.7	586	<0.01	6	0.46	35.5	0.18	<0.1	30	19.8
49128 (3351651)	10.5	1550	<2	<1	2.7	532	0.01	<5	0.45	22.8	0.15	0.2	32	20.5
49129 (3351652)	11.5	1670	<2	<1	2.5	655	<0.01	<5	0.44	4.5	0.16	0.3	31	19.6
49130 (3351653)	12.5	1710	<2	<1	2.7	572	<0.01	<5	0.45	4.6	0.16	0.4	31	19.3
49131 (3351654)	13.9	1120	<2	<1	1.9	1250	<0.01	<5	0.33	1.9	0.46	0.3	23	21.3
49132 (3351655)	15.2	1030	<2	<1	1.4	1320	<0.01	<5	0.21	1.8	0.23	0.4	20	21.8
49133 (3351656)	14.9	1040	<2	<1	1.5	1150	<0.01	<5	0.26	1.8	0.39	0.5	23	21.9
49134 (3351657)	14.5	1190	<2	<1	1.6	1120	<0.01	<5	0.24	1.7	0.35	0.3	22	22.0
49135 (3351658)	14.3	1750	<2	<1	2.0	1220	<0.01	<5	0.33	11.5	0.27	0.4	22	22.5
49136 (3351659)	2.25	595	7	9	17.5	966	0.07	12	4.31	36.3	4.16	0.4	20	26.5
49137 (3351660)	4.75	2470	<2	<1	3.7	1650	0.01	7	0.66	33.1	0.37	0.4	35	26.8
49138 (3351661)	3.96	2090	<2	<1	3.1	2240	0.01	6	0.52	7.8	0.36	0.4	37	30.5
49139 (3351662)	5.50	2770	<2	<1	3.6	2250	<0.01	6	0.59	10.0	0.52	0.5	42	26.6
49140 (3351663)	4.84	3080	<2	3	4.2	2000	0.03	6	0.74	16.8	0.69	0.5	40	25.1
49141 (3351664)	4.04	2590	<2	1	3.2	1560	0.01	<5	0.52	1.4	0.31	0.2	40	25.4
49142 (3351665)	4.38	2710	<2	<1	3.3	1600	0.01	<5	0.57	1.9	0.32	0.4	41	24.9
49143 (3351666)	4.24	2620	<2	<1	3.4	1850	0.01	<5	0.59	4.6	0.24	0.7	38	27.2
49144 (3351667)	4.21	2400	<2	1	3.7	1750	0.01	<5	0.62	3.4	0.25	0.3	42	26.0
49145 (3351668)	4.16	2410	<2	<1	3.9	1790	0.01	<5	0.71	3.1	0.27	0.2	42	26.4

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845689

PROJECT: 2021 Surimeau DDH Batch 69

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Feb 16, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
49146 (3351669)	4.53	2230	<2	<1	3.3	1910	0.01	<5	0.56	9.4	0.27	0.2	42	26.2
49147 (3351670)	5.40	2810	<2	2	3.8	1630	<0.01	14	0.61	6.3	0.34	0.4	43	24.7
49148 (3351671)	6.21	3120	3	2	3.0	1650	<0.01	9	0.50	12.0	0.32	0.3	34	24.9
49149 (3351672)	4.76	4600	<2	1	3.0	2040	0.02	12	0.54	3.1	1.04	0.4	32	23.9
49150 (3351673)	3.36	5640	<2	2	3.7	2420	0.06	12	0.70	3.3	2.26	0.5	34	23.3

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845689

PROJECT: 2021 Surimeau DDH Batch 69

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Feb 16, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
49114 (3351637)	0.9	<1	63.3	<0.5	0.22	<0.1	0.22	<0.5	0.14	0.06	154	<1	8.4	1.0
49115 (3351638)	0.9	<1	62.5	<0.5	0.23	<0.1	0.22	<0.5	0.14	0.06	149	<1	8.6	1.0
49116 (3351639)	1.0	1	177	<0.5	0.24	<0.1	0.25	1.0	0.15	<0.05	156	<1	9.9	1.1
49117 (3351640)	0.8	2	233	<0.5	0.22	<0.1	0.20	<0.5	0.14	<0.05	130	<1	8.4	0.9
49118 (3351641)	0.6	1	87.3	<0.5	0.18	<0.1	0.17	<0.5	0.09	<0.05	103	<1	6.1	0.7
49119 (3351642)	0.5	<1	111	<0.5	0.13	<0.1	0.12	<0.5	0.07	<0.05	79	<1	4.2	0.5
49120 (3351643)	0.6	<1	142	<0.5	0.16	<0.1	0.13	<0.5	0.09	<0.05	83	<1	5.6	0.6
49121 (3351644)	0.6	<1	178	<0.5	0.13	<0.1	0.15	<0.5	0.09	0.06	97	<1	5.5	0.7
49122 (3351645)	0.2	<1	74.1	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.14	<5	<1	2.1	0.1
49123 (3351646)	0.6	<1	127	<0.5	0.15	<0.1	0.16	<0.5	0.09	0.06	104	<1	5.8	0.7
49124 (3351647)	0.7	<1	99.1	<0.5	0.16	<0.1	0.17	<0.5	0.11	0.07	112	<1	6.8	0.8
49125 (3351648)	0.9	1	52.8	<0.5	0.19	<0.1	0.20	<0.5	0.12	0.11	131	4	7.8	1.0
49126 (3351649)	2.7	2	121	<0.5	0.39	1.3	0.33	1.0	0.19	0.53	195	<1	12.7	1.4
49127 (3351650)	1.1	1	124	<0.5	0.29	<0.1	0.25	<0.5	0.18	<0.05	179	<1	10.5	1.3
49128 (3351651)	1.0	<1	88.1	<0.5	0.29	<0.1	0.27	<0.5	0.18	<0.05	187	<1	11.1	1.4
49129 (3351652)	1.1	<1	83.2	<0.5	0.29	<0.1	0.27	<0.5	0.18	<0.05	179	<1	10.5	1.2
49130 (3351653)	1.1	1	71.9	<0.5	0.30	<0.1	0.27	<0.5	0.17	<0.05	176	<1	10.8	1.2
49131 (3351654)	0.7	<1	34.5	<0.5	0.20	<0.1	0.21	<0.5	0.12	<0.05	125	<1	7.1	0.9
49132 (3351655)	0.6	<1	29.5	<0.5	0.16	<0.1	0.17	<0.5	0.11	<0.05	109	<1	6.0	0.7
49133 (3351656)	0.7	<1	31.2	<0.5	0.21	<0.1	0.19	<0.5	0.12	<0.05	121	<1	7.6	0.9
49134 (3351657)	0.6	<1	22.6	<0.5	0.17	<0.1	0.19	<0.5	0.11	<0.05	121	<1	6.5	0.8
49135 (3351658)	0.8	1	11.8	<0.5	0.27	<0.1	0.19	<0.5	0.14	0.05	123	<1	8.4	1.0
49136 (3351659)	3.3	5	275	<0.5	0.48	4.4	0.32	<0.5	0.25	2.47	133	<1	15.2	1.8
49137 (3351660)	1.4	1	75.2	<0.5	0.36	0.1	0.31	0.6	0.21	0.07	207	<1	12.5	1.5
49138 (3351661)	1.1	<1	72.9	<0.5	0.31	<0.1	0.30	<0.5	0.21	<0.05	200	<1	11.3	1.4
49139 (3351662)	1.4	2	90.5	<0.5	0.39	<0.1	0.32	<0.5	0.23	0.17	221	<1	13.9	1.6
49140 (3351663)	1.5	2	133	<0.5	0.40	0.1	0.33	<0.5	0.25	0.33	233	<1	15.1	1.8
49141 (3351664)	1.3	1	75.6	<0.5	0.38	<0.1	0.34	<0.5	0.23	<0.05	228	<1	14.3	1.6
49142 (3351665)	1.3	1	69.6	<0.5	0.43	<0.1	0.35	<0.5	0.25	0.05	234	<1	13.8	1.7
49143 (3351666)	1.4	<1	56.5	<0.5	0.38	<0.1	0.32	<0.5	0.26	<0.05	212	<1	15.3	1.9
49144 (3351667)	1.4	<1	63.2	<0.5	0.36	<0.1	0.35	<0.5	0.25	<0.05	229	<1	14.6	1.7
49145 (3351668)	1.5	1	64.2	<0.5	0.36	<0.1	0.35	<0.5	0.24	<0.05	229	<1	14.4	1.7

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845689

PROJECT: 2021 Surimeau DDH Batch 69

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Feb 16, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
49146 (3351669)	1.4	<1	66.8	<0.5	0.34	<0.1	0.34	<0.5	0.23	<0.05	232	<1	14.5	1.7
49147 (3351670)	1.5	1	113	<0.5	0.41	<0.1	0.34	<0.5	0.25	0.15	235	<1	14.7	1.8
49148 (3351671)	1.3	1	124	<0.5	0.34	<0.1	0.28	<0.5	0.20	0.23	191	<1	12.8	1.4
49149 (3351672)	1.1	3	201	<0.5	0.35	<0.1	0.28	<0.5	0.23	0.23	197	<1	12.8	1.5
49150 (3351673)	1.2	4	279	<0.5	0.37	<0.1	0.30	<0.5	0.24	0.42	208	<1	13.8	1.7

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845689

PROJECT: 2021 Surimeau DDH Batch 69

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Feb 16, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
49114 (3351637)	69	19.3
49115 (3351638)	70	19.1
49116 (3351639)	74	21.5
49117 (3351640)	78	18.1
49118 (3351641)	64	15.3
49119 (3351642)	49	13.1
49120 (3351643)	49	13.9
49121 (3351644)	59	19.8
49122 (3351645)	6	2.1
49123 (3351646)	55	13.3
49124 (3351647)	55	14.8
49125 (3351648)	62	16.7
49126 (3351649)	93	53.2
49127 (3351650)	73	24.3
49128 (3351651)	67	25.6
49129 (3351652)	77	25.9
49130 (3351653)	75	24.9
49131 (3351654)	59	19.4
49132 (3351655)	55	15.4
49133 (3351656)	54	16.4
49134 (3351657)	60	16.8
49135 (3351658)	149	16.7
49136 (3351659)	834	100
49137 (3351660)	113	29.4
49138 (3351661)	82	25.4
49139 (3351662)	115	28.8
49140 (3351663)	122	30.3
49141 (3351664)	97	30.7
49142 (3351665)	97	30.8
49143 (3351666)	86	28.2
49144 (3351667)	96	32.5
49145 (3351668)	93	32.6

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845689

PROJECT: 2021 Surimeau DDH Batch 69

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Feb 16, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
49146 (3351669)	97	31.0
49147 (3351670)	119	29.6
49148 (3351671)	137	24.9
49149 (3351672)	239	24.0
49150 (3351673)	343	25.5

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845689

PROJECT: 2021 Surimeau DDH Batch 69

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Feb 16, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Crush-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
49114 (3351637)	77.99
49133 (3351656)	81.21

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845689

PROJECT: 2021 Surimeau DDH Batch 69

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Feb 16, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Pul-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
49114 (3351637)	85.42
49133 (3351656)	85.57

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O845689

PROJECT: 2021 Surimeau DDH Batch 69

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2													
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD										
Ag	3351637	< 1	<1	0.0%	3351651	< 1	<1	0.0%										
Al	3351637	4.28	4.29	0.2%	3351651	5.06	5.23	3.3%										
As	3351637	< 5	< 5	0.0%	3351651	< 5	< 5	0.0%										
B	3351637	< 20	<20	0.0%	3351651	< 20	<20	0.0%										
Ba	3351637	57.6	57.7	0.2%	3351651	82.0	81.2	1.0%										
Be	3351637	< 5	<5	0.0%	3351651	< 5	<5	0.0%										
Bi	3351637	0.3	0.3	0.0%	3351651	0.5	0.4	22.2%										
Ca	3351637	4.54	4.55	0.2%	3351651	7.77	8.03	3.3%										
Cd	3351637	< 0.2	<0.2	0.0%	3351651	< 0.2	<0.2	0.0%										
Ce	3351637	2.7	2.6	3.8%	3351651	2.6	2.7	3.8%										
Co	3351637	89.6	93.1	3.8%	3351651	84.2	86.5	2.7%										
Cr	3351637	0.217	0.221	1.8%	3351651	0.242	0.244	0.8%										
Cs	3351637	3.8	3.8	0.0%	3351651	6.3	6.6	4.7%										
Cu	3351637	78	82	5.0%	3351651	78	76	2.6%										
Dy	3351637	1.58	1.64	3.7%	3351651	2.10	2.09	0.5%										
Er	3351637	1.12	1.05	6.5%	3351651	1.35	1.42	5.1%										
Eu	3351637	0.24	0.273	12.9%	3351651	0.48	0.528	9.5%										
Fe	3351637	8.22	8.30	1.0%	3351651	8.82	9.10	3.1%										
Ga	3351637	10.8	10.8	0.0%	3351651	11.6	11.9	2.1%										
Gd	3351637	1.36	1.40	2.9%	3351651	1.68	1.75	4.1%										
Ge	3351637	1	2	66.7%	3351651	< 1	<1	0.0%										
Hf	3351637	< 1	<1	0.0%	3351651	< 1	<1	0.0%										
Ho	3351637	0.33	0.341	3.3%	3351651	0.42	0.42	0.0%										
In	3351637	< 0.2	<0.2	0.0%	3351651	< 0.2	<0.2	0.0%										
K	3351637	0.32	0.32	0.0%	3351651	0.54	0.54	0.7%										
La	3351637	0.8	0.8	0.0%	3351651	0.9	0.9	5.7%										
Li	3351637	17	16	6.1%	3351651	28	29	2.7%										
Lu	3351637	0.14	0.14	0.0%	3351651	0.18	0.19	5.4%										
Mg	3351637	14.8	14.6	1.4%	3351651	10.5	10.7	2.4%										
Mn	3351637	1330	1350	1.5%	3351651	1550	1600	3.4%										
Mo	3351637	< 2	<2	0.0%	3351651	< 2	<2	0.0%										

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Nb	3351637	< 1	<1	0.0%	3351651	< 1	<1	0.0%								
Nd	3351637	2.6	2.6	0.0%	3351651	2.7	2.8	1.8%								
Ni	3351637	929	940	1.2%	3351651	532	541	1.7%								
P	3351637	< 0.01	<0.01	0.0%	3351651	0.01	<0.01	0.0%								
Pb	3351637	< 5	<5	0.0%	3351651	< 5	<5	0.0%								
Pr	3351637	0.43	0.43	0.0%	3351651	0.45	0.46	2.4%								
Rb	3351637	15.5	15.8	1.5%	3351651	22.8	22.8	0.2%								
S	3351637	0.42	0.43	3.5%	3351651	0.15	0.15	0.7%								
Sb	3351637	< 0.1	<0.1	0.0%	3351651	0.2	0.3	38.2%								
Sc	3351637	24	25	1.2%	3351651	32	32	1.4%								
Si	3351637	20.3	20.4	0.4%	3351651	20.5	21.2	3.0%								
Sm	3351637	0.9	0.9	6.5%	3351651	1.0	1.2	15.3%								
Sn	3351637	< 1	<1	0.0%	3351651	< 1	1	26.8%								
Sr	3351637	63.3	63.3	0.1%	3351651	88.1	91.3	3.5%								
Ta	3351637	< 0.5	<0.5	0.0%	3351651	< 0.5	<0.5	0.0%								
Tb	3351637	0.22	0.23	4.4%	3351651	0.29	0.31	6.7%								
Th	3351637	< 0.1	<0.1	0.0%	3351651	< 0.1	<0.1	0.0%								
Ti	3351637	0.22	0.23	3.0%	3351651	0.27	0.29	5.3%								
Tl	3351637	< 0.5	<0.5	0.0%	3351651	< 0.5	<0.5	0.0%								
Tm	3351637	0.14	0.146	2.8%	3351651	0.18	0.18	0.0%								
U	3351637	0.06	0.07	10.4%	3351651	< 0.05	<0.05	0.0%								
V	3351637	154	154	0.4%	3351651	187	190	1.3%								
W	3351637	< 1	<1	0.0%	3351651	< 1	<1	0.0%								
Y	3351637	8.4	8.6	2.3%	3351651	11.1	11.3	1.5%								
Yb	3351637	1.0	1.0	0.3%	3351651	1.4	1.4	0.6%								
Zn	3351637	69	68	1.8%	3351651	67	71	4.6%								
Zr	3351637	19.3	18.7	2.9%	3351651	25.6	26.6	4.0%								

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O845689

PROJECT: 2021 Surimeau DDH Batch 69

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.GTS-2a)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.Till-2)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al					8.47	8.62	102%	80% - 120%	6.94	7.13	103%	80% - 120%				
As					26	31	120%	80% - 120%								
Ba					540.0	516	96%	80% - 120%								
Be					4.0	4.1	103%	80% - 120%					4.0	4.1	103%	80% - 120%
Ca					0.907	0.962	106%	80% - 120%	4.01	4.14	103%	80% - 120%				
Ce					98	111	113%	80% - 120%					98.0	111	113%	80% - 120%
Co	22.1	23	102%	80% - 120%									15.0	15	102%	80% - 120%
Cr					74.0	86.8	117%	80% - 120%								
Cu					150.0	160	107%	80% - 120%	88.6	92.9	104%	80% - 120%				
Er					3.7	4.2	114%	80% - 120%								
Fe					3.77	4.04	107%	80% - 120%	7.56	8.01	105%	80% - 120%				
Hf					11	11	97%	80% - 120%					11.0	11	100%	80% - 120%
K					2.55	2.58	101%	80% - 120%	2.02	2.05	101%	80% - 120%				
La					44	49	111%	80% - 120%					44.0	49.0	111%	80% - 120%
Li					47.0	52.3	111%	80% - 120%								
Lu					0.6	0.6	93%	80% - 120%								
Mg					1.1	1.15	105%	80% - 120%	2.41	2.44	101%	80% - 120%				
Mn					780.0	830	106%	80% - 120%	1510.0	1550	102%	80% - 120%				
Mo					14	15	104%	80% - 120%					14.0	15	107%	80% - 120%
Nb					20	20	102%	80% - 120%					20.0	20	100%	80% - 120%
Pb					31	35	112%	80% - 120%					31.0	35	112%	80% - 120%
Rb					144	166	115%	80% - 120%					143.0	166	116%	80% - 120%
Sb					0.8	0.9	112%	80% - 120%					0.8	1.0	125%	80% - 120%
Sc					12.0	12.2	101%	80% - 120%								
Si									23.65	24.4	103%	80% - 120%				
Sm					7.4	8.7	117%	80% - 120%								
Sr					144.0	160	111%	80% - 120%								
Ta					1.9	2	105%	80% - 120%					1.9	2	105%	80% - 120%
Tb					1.2	1.2	100%	80% - 120%								
Th	1.244	1	80%	80% - 120%									18.4	19	103%	80% - 120%
Ti					0.527	0.528	100%	80% - 120%								

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O845689

PROJECT: 2021 Surimeau DDH Batch 69

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

U					5.7	6.5	114%	80% - 120%					5.7	7	122%	80% - 120%
V					77.0	79.0	102%	80% - 120%								
W					5	6	120%	80% - 120%					5.0	5.5	110%	80% - 120%
Y					40	43	107%	80% - 120%					40.0	38.7	96%	80% - 120%
Yb													40.0	4.1		80% - 120%
Zn					130.0	124	95%	80% - 120%								
Zr					390	420	108%	80% - 120%								
	CRM #5 (ref.GTS-2a)															
Parameter	Expect	Actual	Recovery	Limits												
Co	22.1	24	107%	80% - 120%												
Th	1.244	1	100%	80% - 120%												

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O845689

PROJECT: 2021 Surimeau DDH Batch 69

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED
AGAT WORK ORDER: 21O845689
PROJECT: 2021 Surimeau DDH Batch 69
ATTENTION TO: Francis Newton
SAMPLING SITE:
SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O845689

PROJECT: 2021 Surimeau DDH Batch 69

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Crush-Pass %			BALANCE
Pul-Pass %			BALANCE

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 70

AGAT WORK ORDER: 21O845693

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Jan 31, 2022

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

Disclaimer:

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project Manager if you require additional sample storage time.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
- The test results reported herewith relate only to the samples as received by the laboratory.
- Measurement Uncertainty is not taken into consideration when stating conformity with a specified requirement.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845693

PROJECT: 2021 Surimeau DDH Batch 70

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Jan 31, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
64851 (3351726)	2.720
64852 (3351727)	0.520
64853 (3351728)	2.860
64854 (3351729)	1.150
64855 (3351730)	2.730
64856 (3351731)	3.470
64857 (3351732)	2.610
64858 (3351733)	2.900
64859 (3351734)	3.420
64860 (3351735)	3.620
64861 (3351736)	2.380
64862 (3351737)	<0.005
64863 (3351738)	3.650
64864 (3351739)	1.130
64865 (3351740)	1.200
64866 (3351741)	3.210
64867 (3351742)	1.740
64868 (3351743)	2.340
64869 (3351744)	2.360
64870 (3351745)	3.590
64871 (3351746)	2.350
64872 (3351747)	0.720
64873 (3351748)	2.450
64874 (3351749)	2.370
64875 (3351750)	2.520
64876 (3351751)	3.320
64877 (3351752)	3.670
64878 (3351753)	2.000
64879 (3351754)	1.550
64880 (3351755)	1.390
64881 (3351756)	1.860

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845693

PROJECT: 2021 Surimeau DDH Batch 70

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Jan 31, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
64882 (3351757)	1.610
64883 (3351758)	1.560
64884 (3351759)	2.540
64885 (3351760)	3.800
64886 (3351761)	2.440
64887 (3351762)	3.310
64888 (3351763)	3.610
64889 (3351764)	3.320
64890 (3351765)	2.930
64891 (3351766)	0.570
64892 (3351767)	0.590
64893 (3351768)	2.920
64894 (3351769)	3.410
64895 (3351770)	<0.005
64896 (3351771)	3.520
64897 (3351772)	2.080
64898 (3351773)	2.530
64899 (3351774)	3.430
64900 (3351775)	2.550

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845693

PROJECT: 2021 Surimeau DDH Batch 70

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Jan 31, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
64851 (3351726)	1	5.22	<5	<20	154	<5	1.9	4.54	0.7	17.0	370	0.056	5.1	1320
64852 (3351727)	<1	0.05	<5	<20	14.9	<5	<0.1	34.4	<0.2	0.9	0.7	0.017	1.6	<5
64853 (3351728)	1	6.08	<5	<20	630	<5	0.9	7.10	0.3	7.4	219	0.390	5.4	1030
64854 (3351729)	1	1.98	<5	<20	38.3	<5	0.8	21.1	0.4	9.7	169	0.054	1.6	1150
64855 (3351730)	<1	5.88	<5	<20	112	<5	0.6	7.87	0.2	4.6	175	0.390	0.8	324
64856 (3351731)	<1	5.98	<5	<20	118	<5	0.5	6.85	<0.2	4.1	159	0.392	0.7	115
64857 (3351732)	<1	5.48	<5	<20	124	<5	0.7	8.61	0.3	6.3	206	0.385	1.1	498
64858 (3351733)	1	2.81	<5	<20	91.5	<5	0.9	16.2	0.4	7.8	288	0.193	0.8	1320
64859 (3351734)	<1	5.73	<5	<20	121	<5	0.7	6.15	0.3	3.3	208	0.451	0.6	761
64860 (3351735)	<1	6.44	<5	<20	269	<5	0.6	6.29	0.3	6.7	178	0.409	2.0	137
64861 (3351736)	<1	5.48	<5	<20	184	<5	0.5	8.58	0.2	5.1	176	0.387	0.7	281
64862 (3351737)	<1	5.45	<5	<20	186	<5	0.6	8.64	0.2	4.8	172	0.402	0.9	289
64863 (3351738)	<1	5.79	<5	<20	230	<5	0.4	6.32	<0.2	10.9	124	0.317	0.9	99
64864 (3351739)	<1	5.86	<5	<20	486	<5	0.5	6.04	0.2	3.6	135	0.451	8.0	81
64865 (3351740)	<1	5.67	<5	<20	433	<5	0.5	6.15	<0.2	3.5	133	0.452	7.3	85
64866 (3351741)	<1	5.67	<5	<20	176	<5	0.7	8.32	<0.2	5.1	173	0.420	0.8	324
64867 (3351742)	1	7.12	<5	<20	65.7	<5	1.2	1.32	73.2	47.0	217	0.034	0.2	1200
64868 (3351743)	2	7.01	<5	<20	49.0	<5	1.6	0.96	40.7	46.8	300	0.053	0.2	1710
64869 (3351744)	1	6.15	<5	<20	166	<5	0.8	5.79	0.2	5.4	183	0.452	1.4	646
64870 (3351745)	<1	5.33	<5	<20	108	<5	0.5	5.99	0.5	3.4	135	0.399	2.2	73
64871 (3351746)	<1	3.90	<5	<20	126	<5	0.7	9.48	0.6	3.3	110	0.282	4.0	58
64872 (3351747)	<1	0.07	<5	<20	16.4	<5	<0.1	34.5	<0.2	1.1	0.8	0.014	0.3	<5
64873 (3351748)	<1	2.70	<5	<20	197	<5	0.3	5.38	0.2	0.9	79.7	0.186	18.8	18
64874 (3351749)	1	3.56	<5	<20	305	<5	0.1	3.58	0.2	1.1	84.7	0.240	25.9	<5
64875 (3351750)	<1	4.31	<5	<20	424	<5	0.2	4.79	<0.2	3.5	90.7	0.190	23.0	<5
64876 (3351751)	7	3.12	<5	<20	292	<5	0.1	5.15	0.3	2.6	75.9	0.193	19.3	<5
64877 (3351752)	<1	3.98	<5	<20	91.7	<5	0.3	7.97	0.2	20.9	95.2	0.255	0.9	<5
64878 (3351753)	<1	4.57	<5	<20	379	<5	0.3	7.64	<0.2	2.7	115	0.323	2.2	<5
64879 (3351754)	<1	2.95	<5	<20	275	<5	0.3	9.21	<0.2	2.0	89.8	0.236	2.7	<5
64880 (3351755)	<1	9.49	<5	<20	251	<5	0.1	2.78	<0.2	114	12.6	0.038	0.3	112
64881 (3351756)	<1	4.45	<5	<20	244	<5	0.6	6.97	<0.2	2.6	110	0.328	3.8	77
64882 (3351757)	<1	3.63	<5	<20	381	<5	0.5	5.17	<0.2	1.8	94.1	0.254	16.1	203

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845693

PROJECT: 2021 Surimeau DDH Batch 70

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Jan 31, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
64883 (3351758)	<1	7.82	<5	<20	198	<5	1.0	0.76	36.8	59.8	143	0.026	1.5	875
64884 (3351759)	<1	3.26	<5	<20	386	<5	0.7	4.49	1.5	3.1	87.6	0.207	24.2	165
64885 (3351760)	<1	2.92	<5	<20	207	<5	0.7	3.69	0.3	1.2	90.3	0.220	25.4	92
64886 (3351761)	<1	4.73	<5	<20	503	<5	0.3	4.28	0.2	2.6	85.5	0.169	29.3	30
64887 (3351762)	<1	3.47	<5	<20	85.9	<5	0.4	5.92	<0.2	4.3	84.6	0.219	3.0	54
64888 (3351763)	<1	3.48	<5	<20	71.4	<5	0.3	8.36	<0.2	3.8	82.3	0.226	2.4	30
64889 (3351764)	<1	3.53	<5	<20	0.8	<5	0.3	5.22	<0.2	2.1	92.2	0.242	0.4	42
64890 (3351765)	<1	3.33	<5	<20	171	<5	0.5	5.53	<0.2	11.8	83.9	0.195	3.5	86
64891 (3351766)	<1	8.15	<5	<20	886	5	0.3	6.54	<0.2	123	38.2	0.030	1.5	<5
64892 (3351767)	<1	8.22	<5	<20	909	<5	0.3	6.51	<0.2	131	38.0	0.028	0.8	<5
64893 (3351768)	<1	4.18	<5	<20	302	<5	0.4	4.44	<0.2	14.4	87.6	0.192	8.7	47
64894 (3351769)	<1	3.67	<5	<20	103	<5	0.3	7.26	<0.2	5.6	84.3	0.223	3.1	26
64895 (3351770)	<1	3.54	<5	<20	107	<5	0.3	6.69	<0.2	5.6	77.9	0.218	3.0	24
64896 (3351771)	<1	3.03	<5	<20	0.7	<5	0.4	6.10	<0.2	1.4	98.7	0.228	0.3	75
64897 (3351772)	<1	3.64	<5	<20	50.7	<5	0.4	5.51	<0.2	1.2	96.7	0.251	1.9	65
64898 (3351773)	<1	5.15	<5	<20	35.6	<5	0.6	11.7	<0.2	3.4	120	0.370	0.5	27
64899 (3351774)	<1	3.65	<5	<20	65.8	<5	0.5	10.2	<0.2	2.0	96.0	0.268	3.5	10
64900 (3351775)	<1	3.06	<5	<20	89.2	<5	0.4	6.80	<0.2	1.6	82.5	0.218	5.8	82

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845693

PROJECT: 2021 Surimeau DDH Batch 70

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Jan 31, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
64851 (3351726)	2.76	2.12	0.84	21.0	11.4	2.42	2	2	0.62	<0.2	0.10	7.4	<10	0.38
64852 (3351727)	0.23	0.18	<0.05	0.19	0.16	0.21	1	<1	<0.05	<0.2	<0.05	1.1	<10	<0.05
64853 (3351728)	2.80	2.01	0.75	15.6	16.2	2.21	5	<1	0.62	<0.2	1.11	3.7	74	0.37
64854 (3351729)	3.80	2.97	0.51	13.3	5.14	2.56	6	<1	0.89	<0.2	0.07	5.8	17	0.68
64855 (3351730)	2.82	1.68	0.63	12.7	16.4	2.08	3	<1	0.56	<0.2	0.31	2.0	20	0.30
64856 (3351731)	2.60	1.72	0.59	11.3	15.9	2.02	3	<1	0.57	<0.2	0.31	1.8	18	0.24
64857 (3351732)	2.82	1.92	0.72	13.2	15.3	2.22	3	<1	0.60	<0.2	0.27	3.0	16	0.30
64858 (3351733)	2.64	2.00	0.77	15.7	8.35	2.14	2	<1	0.59	<0.2	0.12	4.3	12	0.32
64859 (3351734)	2.39	1.64	0.58	14.1	17.5	1.92	2	1	0.51	<0.2	0.36	1.2	19	0.24
64860 (3351735)	2.70	1.56	0.66	10.9	16.5	2.29	2	1	0.54	<0.2	0.54	2.8	26	0.22
64861 (3351736)	2.81	1.94	0.62	11.9	15.8	2.25	3	<1	0.61	<0.2	0.42	2.4	24	0.30
64862 (3351737)	2.77	1.90	0.64	12.0	15.8	2.27	3	<1	0.59	<0.2	0.43	2.3	24	0.34
64863 (3351738)	2.66	1.76	0.63	8.97	15.7	2.35	3	1	0.53	<0.2	0.42	5.0	22	0.26
64864 (3351739)	3.14	1.92	0.66	11.7	17.6	2.21	4	1	0.62	<0.2	1.72	1.5	97	0.31
64865 (3351740)	3.00	2.02	0.66	11.6	17.2	2.21	4	<1	0.59	<0.2	1.60	1.4	87	0.29
64866 (3351741)	2.87	1.94	0.79	10.1	15.2	2.28	5	<1	0.61	<0.2	0.37	2.4	25	0.31
64867 (3351742)	3.93	2.42	2.89	12.2	21.6	4.06	1	3	0.77	11.4	0.12	21.4	<10	0.41
64868 (3351743)	4.48	3.00	2.24	16.4	23.6	4.76	2	4	0.89	6.8	0.10	20.4	<10	0.41
64869 (3351744)	3.11	2.17	0.62	11.8	17.4	2.18	4	1	0.67	<0.2	0.41	2.1	18	0.32
64870 (3351745)	2.42	1.65	0.53	8.75	12.2	1.80	3	<1	0.49	<0.2	0.43	1.5	20	0.24
64871 (3351746)	1.77	1.24	0.64	7.09	10.2	1.43	2	<1	0.37	<0.2	0.61	1.5	27	0.19
64872 (3351747)	0.22	0.17	<0.05	0.20	0.23	0.30	1	<1	<0.05	<0.2	<0.05	1.2	<10	<0.05
64873 (3351748)	0.92	0.60	0.12	5.88	7.75	0.73	3	<1	0.18	<0.2	2.49	0.3	74	0.08
64874 (3351749)	0.94	0.64	0.11	6.53	11.4	0.74	2	<1	0.22	<0.2	3.45	0.3	103	0.08
64875 (3351750)	1.14	0.71	0.30	7.05	12.5	1.00	2	<1	0.24	<0.2	3.17	0.9	110	0.12
64876 (3351751)	1.17	0.77	0.46	6.38	10.3	0.96	3	<1	0.24	<0.2	2.57	1.0	82	0.13
64877 (3351752)	2.16	1.24	0.73	7.07	12.7	2.57	2	2	0.43	<0.2	0.21	9.3	14	0.18
64878 (3351753)	2.12	1.34	0.46	7.37	12.5	1.81	2	<1	0.44	<0.2	0.50	1.1	25	0.22
64879 (3351754)	1.23	0.82	0.26	6.93	11.0	0.98	3	<1	0.26	<0.2	0.53	0.8	28	0.12
64880 (3351755)	2.47	0.85	2.31	2.58	21.6	6.24	1	6	0.33	<0.2	0.13	53.3	<10	0.08
64881 (3351756)	1.90	1.25	0.51	7.81	12.7	1.51	4	<1	0.40	<0.2	0.75	1.0	33	0.19
64882 (3351757)	1.23	0.90	0.28	6.47	11.8	1.01	4	<1	0.27	<0.2	2.80	0.7	91	0.12

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845693

PROJECT: 2021 Surimeau DDH Batch 70

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Jan 31, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
64883 (3351758)	3.99	2.35	1.94	9.67	19.4	4.40	<1	4	0.73	5.4	0.22	28.2	<10	0.35
64884 (3351759)	1.40	0.81	0.40	7.12	14.2	1.17	5	<1	0.28	0.3	2.98	1.1	90	0.14
64885 (3351760)	1.12	0.74	0.15	6.64	8.29	0.90	5	<1	0.21	<0.2	2.93	0.4	82	0.10
64886 (3351761)	1.50	0.98	0.45	7.37	14.4	1.29	3	<1	0.31	0.3	3.43	0.7	141	0.14
64887 (3351762)	1.71	0.97	0.33	7.20	8.79	1.38	4	<1	0.35	<0.2	0.38	1.7	15	0.15
64888 (3351763)	1.52	1.00	0.48	7.22	8.04	1.25	2	<1	0.32	<0.2	0.26	1.8	10	0.13
64889 (3351764)	1.35	0.89	0.24	7.29	8.08	1.15	2	<1	0.28	<0.2	<0.05	0.8	<10	0.13
64890 (3351765)	1.71	1.02	0.36	6.81	7.75	1.92	2	<1	0.33	<0.2	0.46	5.2	14	0.13
64891 (3351766)	5.29	2.74	2.93	7.54	18.5	8.78	2	4	0.90	<0.2	0.37	56.9	21	0.39
64892 (3351767)	5.48	2.79	2.97	7.41	19.4	9.11	2	5	0.96	<0.2	0.31	61.1	19	0.39
64893 (3351768)	1.65	0.95	0.27	7.34	9.25	1.96	1	1	0.32	<0.2	1.02	6.1	33	0.13
64894 (3351769)	1.59	1.02	0.39	7.27	7.73	1.40	2	<1	0.32	<0.2	0.37	2.5	12	0.13
64895 (3351770)	1.65	0.96	0.39	6.92	7.37	1.38	2	<1	0.33	<0.2	0.39	2.6	12	0.13
64896 (3351771)	1.20	0.83	0.17	6.91	6.93	0.90	2	<1	0.25	<0.2	<0.05	0.5	<10	0.12
64897 (3351772)	1.23	0.82	0.16	7.22	7.85	0.93	2	<1	0.25	<0.2	0.26	0.4	<10	0.12
64898 (3351773)	2.30	1.53	0.72	8.29	10.4	1.80	1	<1	0.48	<0.2	0.21	1.4	14	0.22
64899 (3351774)	1.58	1.08	0.43	6.73	8.47	1.24	2	<1	0.34	<0.2	0.56	0.9	17	0.15
64900 (3351775)	1.37	0.95	0.17	6.50	7.74	1.03	2	<1	0.28	<0.2	0.72	0.6	25	0.11

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845693

PROJECT: 2021 Surimeau DDH Batch 70

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Jan 31, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
64851 (3351726)	0.62	1720	<2	2	9.2	2600	0.05	17	2.15	1.8	12.7	<0.1	14	16.2
64852 (3351727)	1.19	96	<2	<1	0.9	6	<0.01	<5	0.19	0.3	0.61	<0.1	<5	5.50
64853 (3351728)	3.29	7110	<2	<1	5.1	1930	<0.01	10	0.98	58.0	4.73	<0.1	39	17.9
64854 (3351729)	1.69	>10000	2	<1	5.6	1220	<0.01	6	1.23	3.4	5.91	<0.1	8	10.2
64855 (3351730)	3.46	5760	<2	<1	3.8	2290	0.02	7	0.71	2.1	2.34	<0.1	38	22.4
64856 (3351731)	4.25	4910	<2	<1	3.4	2250	<0.01	11	0.63	2.3	1.24	<0.1	38	22.8
64857 (3351732)	3.00	6310	<2	<1	4.5	2190	0.01	8	0.87	2.1	3.19	<0.1	37	20.1
64858 (3351733)	1.42	8380	<2	<1	4.8	2300	<0.01	14	1.06	2.0	7.60	<0.1	19	11.7
64859 (3351734)	4.20	5130	<2	<1	2.9	2830	<0.01	6	0.56	4.3	2.84	<0.1	42	21.7
64860 (3351735)	4.29	5080	<2	<1	4.9	2450	0.02	9	1.01	18.7	1.18	<0.1	39	22.6
64861 (3351736)	4.05	5960	2	<1	3.8	2290	0.02	13	0.74	7.2	1.68	<0.1	37	21.1
64862 (3351737)	4.11	5940	2	<1	3.7	2310	0.03	13	0.75	7.7	1.72	<0.1	38	21.1
64863 (3351738)	4.28	4580	<2	1	7.0	1780	0.03	11	1.45	10.5	0.66	<0.1	34	21.3
64864 (3351739)	6.29	5790	<2	<1	3.5	1950	<0.01	7	0.60	81.4	0.55	<0.1	45	21.3
64865 (3351740)	6.33	5790	<2	<1	3.6	1980	<0.01	<5	0.62	72.6	0.57	<0.1	46	21.1
64866 (3351741)	3.95	6300	<2	<1	4.1	2190	0.01	14	0.79	6.8	1.37	<0.1	39	21.8
64867 (3351742)	0.55	942	3	4	22.7	1220	0.03	8	5.73	1.6	8.56	0.6	16	23.7
64868 (3351743)	0.45	663	4	4	23.9	1820	0.02	10	5.86	1.0	10.8	<0.1	17	22.1
64869 (3351744)	4.16	3650	4	1	4.3	2290	<0.01	16	0.83	9.3	2.74	<0.1	44	21.8
64870 (3351745)	4.79	3600	3	<1	3.0	1810	0.02	10	0.52	15.6	0.65	<0.1	36	25.5
64871 (3351746)	8.76	2500	3	<1	2.5	1370	0.03	6	0.50	21.7	0.46	<0.1	27	21.5
64872 (3351747)	1.68	115	<2	<1	0.9	9	<0.01	<5	0.23	0.4	0.61	<0.1	<5	4.97
64873 (3351748)	13.3	1020	<2	<1	1.0	1240	<0.01	<5	0.19	107	0.19	<0.1	17	24.1
64874 (3351749)	13.6	879	<2	<1	1.2	1090	<0.01	<5	0.18	147	0.07	<0.1	22	23.1
64875 (3351750)	11.8	1400	<2	<1	3.0	1150	<0.01	<5	0.60	129	0.11	<0.1	17	22.0
64876 (3351751)	12.7	1030	<2	<1	2.1	960	<0.01	<5	0.39	107	0.10	<0.1	19	23.2
64877 (3351752)	8.67	1870	<2	1	11.5	1140	0.01	8	2.74	2.9	0.14	<0.1	26	22.4
64878 (3351753)	8.24	1920	<2	<1	2.3	1240	<0.01	11	0.42	18.5	0.15	<0.1	33	23.4
64879 (3351754)	9.90	2020	<2	<1	1.8	1380	<0.01	13	0.29	21.3	0.16	<0.1	22	23.8
64880 (3351755)	1.16	425	<2	6	54.9	79	0.11	21	13.8	1.2	0.39	<0.1	<5	28.9
64881 (3351756)	8.44	2250	<2	<1	2.4	1370	<0.01	7	0.42	30.7	0.62	<0.1	33	23.3
64882 (3351757)	11.4	1460	<2	<1	1.6	1270	<0.01	5	0.32	136	0.62	<0.1	23	23.1

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845693

PROJECT: 2021 Surimeau DDH Batch 70

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Jan 31, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
64883 (3351758)	0.80	350	<2	2	26.3	662	<0.01	16	6.99	9.0	5.96	<0.1	19	24.4
64884 (3351759)	12.9	1370	3	<1	2.2	1180	<0.01	7	0.42	121	1.47	<0.1	22	22.3
64885 (3351760)	13.5	1040	2	<1	1.3	1350	<0.01	<5	0.22	131	0.64	<0.1	20	23.0
64886 (3351761)	11.7	1090	<2	1	2.7	838	<0.01	9	0.47	146	0.45	<0.1	20	21.2
64887 (3351762)	14.0	1340	<2	<1	3.4	992	0.04	<5	0.63	14.3	1.32	<0.1	23	20.4
64888 (3351763)	12.6	1630	<2	<1	2.7	993	0.05	<5	0.54	10.0	0.51	<0.1	23	18.8
64889 (3351764)	14.8	1230	<2	<1	1.9	1190	<0.01	8	0.35	0.6	0.63	<0.1	24	19.7
64890 (3351765)	14.1	1120	<2	<1	7.4	1150	0.04	<5	1.56	19.9	0.81	<0.1	22	20.1
64891 (3351766)	4.20	1510	<2	6	61.2	70	0.31	27	15.3	10.0	0.11	<0.1	26	22.5
64892 (3351767)	4.10	1490	<2	5	64.7	60	0.29	29	16.1	6.9	0.11	<0.1	26	23.0
64893 (3351768)	14.0	1150	<2	<1	8.1	1180	0.05	<5	1.85	44.5	0.40	<0.1	21	21.2
64894 (3351769)	13.6	1390	<2	<1	3.6	961	0.01	5	0.74	16.5	0.39	<0.1	25	17.8
64895 (3351770)	12.9	1280	<2	<1	3.7	868	0.01	5	0.81	17.0	0.35	<0.1	24	17.1
64896 (3351771)	14.1	1160	<2	<1	1.3	1420	<0.01	<5	0.22	0.6	0.51	<0.1	21	20.5
64897 (3351772)	14.3	1270	<2	<1	1.3	1360	<0.01	<5	0.23	10.1	0.39	<0.1	23	21.5
64898 (3351773)	5.59	2900	<2	<1	2.8	1620	<0.01	13	0.54	3.1	0.23	<0.1	36	20.8
64899 (3351774)	9.20	2120	<2	<1	2.1	1310	0.01	7	0.34	20.8	0.27	<0.1	26	20.4
64900 (3351775)	12.4	1420	<2	<1	1.5	1130	<0.01	<5	0.29	33.9	0.82	<0.1	23	21.4

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845693

PROJECT: 2021 Surimeau DDH Batch 70

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Jan 31, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
64851 (3351726)	2.1	6	434	<0.5	0.45	1.4	0.18	<0.5	0.34	0.62	50	<1	17.1	2.3
64852 (3351727)	0.2	2	79.6	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.18	<5	<1	2.1	0.1
64853 (3351728)	1.4	6	189	<0.5	0.41	0.2	0.33	2.1	0.31	0.23	238	<1	17.4	2.3
64854 (3351729)	1.5	2	350	<0.5	0.47	0.2	0.09	<0.5	0.47	0.35	91	<1	27.3	3.7
64855 (3351730)	1.3	4	286	<0.5	0.37	0.1	0.30	<0.5	0.23	0.40	230	<1	14.9	1.8
64856 (3351731)	1.2	3	194	<0.5	0.39	<0.1	0.32	<0.5	0.25	0.25	220	<1	15.2	1.6
64857 (3351732)	1.6	3	309	<0.5	0.41	0.1	0.30	<0.5	0.28	0.46	212	<1	16.4	1.9
64858 (3351733)	1.5	3	447	<0.5	0.37	0.2	0.15	<0.5	0.30	0.55	114	<1	18.1	2.2
64859 (3351734)	1.1	5	222	<0.5	0.35	0.1	0.33	<0.5	0.23	0.37	259	<1	12.5	1.8
64860 (3351735)	1.5	4	258	<0.5	0.40	0.3	0.35	0.5	0.21	0.36	225	<1	14.6	1.7
64861 (3351736)	1.4	4	260	<0.5	0.39	<0.1	0.30	<0.5	0.27	0.38	229	<1	16.8	2.1
64862 (3351737)	1.4	4	259	<0.5	0.39	<0.1	0.31	<0.5	0.30	0.42	235	<1	16.7	2.1
64863 (3351738)	1.7	3	292	<0.5	0.41	0.7	0.33	<0.5	0.24	0.39	206	<1	15.1	1.7
64864 (3351739)	1.4	3	101	<0.5	0.42	0.1	0.37	2.0	0.27	0.11	272	<1	15.9	1.9
64865 (3351740)	1.5	3	96.3	<0.5	0.42	<0.1	0.36	1.7	0.26	0.12	274	<1	16.3	1.9
64866 (3351741)	1.3	5	316	<0.5	0.39	0.1	0.31	<0.5	0.28	0.34	229	<1	16.0	2.1
64867 (3351742)	4.4	26	164	<0.5	0.64	3.1	0.25	<0.5	0.36	1.14	63	<1	20.2	2.5
64868 (3351743)	4.8	18	160	<0.5	0.77	3.4	0.30	<0.5	0.39	1.11	51	<1	23.5	2.7
64869 (3351744)	1.5	5	343	<0.5	0.45	0.2	0.32	<0.5	0.31	0.55	252	<1	17.8	2.2
64870 (3351745)	1.1	2	91.1	<0.5	0.34	0.1	0.29	0.6	0.21	0.06	208	<1	12.9	1.5
64871 (3351746)	0.9	2	163	<0.5	0.26	<0.1	0.22	<0.5	0.16	0.16	166	<1	10.3	1.2
64872 (3351747)	0.2	<1	75.4	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.12	<5	<1	2.1	0.1
64873 (3351748)	0.4	<1	30.3	<0.5	0.12	<0.1	0.14	1.2	0.08	0.06	95	<1	4.9	0.7
64874 (3351749)	0.5	<1	31.8	<0.5	0.14	<0.1	0.19	1.7	0.09	0.12	119	<1	5.8	0.7
64875 (3351750)	0.8	2	48.8	<0.5	0.17	<0.1	0.24	1.5	0.11	0.07	122	<1	5.9	0.7
64876 (3351751)	0.6	2	42.9	<0.5	0.18	0.1	0.17	1.2	0.12	0.22	120	<1	6.5	0.7
64877 (3351752)	2.5	4	222	<0.5	0.38	1.5	0.24	<0.5	0.16	0.99	175	<1	11.5	1.2
64878 (3351753)	1.0	3	241	<0.5	0.29	<0.1	0.28	<0.5	0.17	0.12	193	<1	12.1	1.3
64879 (3351754)	0.6	3	94.3	<0.5	0.18	<0.1	0.17	<0.5	0.13	0.14	134	<1	7.2	0.9
64880 (3351755)	9.7	2	1670	<0.5	0.72	7.9	0.30	<0.5	0.09	3.22	52	<1	9.5	0.6
64881 (3351756)	1.0	6	124	<0.5	0.30	0.1	0.26	0.5	0.17	0.14	199	<1	10.7	1.2
64882 (3351757)	0.7	5	53.0	<0.5	0.20	<0.1	0.20	2.1	0.12	0.06	130	<1	7.1	0.9

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845693

PROJECT: 2021 Surimeau DDH Batch 70

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Jan 31, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
64883 (3351758)	5.2	2	729	<0.5	0.72	7.5	0.23	<0.5	0.31	9.92	59	<1	19.2	2.2
64884 (3351759)	0.7	2	34.1	<0.5	0.20	0.5	0.19	1.7	0.13	0.27	129	<1	7.5	0.9
64885 (3351760)	0.5	2	27.5	<0.5	0.17	<0.1	0.16	1.6	0.09	0.06	106	<1	5.8	0.7
64886 (3351761)	0.9	4	46.1	<0.5	0.24	0.1	0.29	2.1	0.14	0.11	126	<1	8.6	1.0
64887 (3351762)	1.1	2	56.0	<0.5	0.25	0.3	0.20	<0.5	0.14	0.16	131	<1	8.8	1.0
64888 (3351763)	0.9	2	217	<0.5	0.23	0.1	0.19	<0.5	0.14	0.18	140	<1	8.8	1.0
64889 (3351764)	0.8	<1	85.4	<0.5	0.19	<0.1	0.20	<0.5	0.12	<0.05	136	<1	7.3	0.9
64890 (3351765)	1.8	<1	85.6	<0.5	0.29	0.9	0.23	<0.5	0.14	0.26	136	<1	8.4	1.0
64891 (3351766)	11.0	4	1960	<0.5	1.19	8.8	0.50	<0.5	0.37	3.24	207	<1	25.5	2.5
64892 (3351767)	11.5	4	2100	<0.5	1.18	9.3	0.48	<0.5	0.37	3.30	205	<1	26.4	2.5
64893 (3351768)	1.7	<1	38.0	<0.5	0.28	1.8	0.25	0.6	0.12	0.32	130	<1	8.3	0.9
64894 (3351769)	0.9	<1	161	<0.5	0.23	0.3	0.22	<0.5	0.13	0.09	142	<1	8.4	1.0
64895 (3351770)	1.0	1	141	<0.5	0.24	0.3	0.20	<0.5	0.15	0.09	136	<1	8.4	0.9
64896 (3351771)	0.6	1	65.6	<0.5	0.18	<0.1	0.16	<0.5	0.10	<0.05	118	<1	6.2	0.7
64897 (3351772)	0.5	<1	28.7	<0.5	0.17	<0.1	0.20	<0.5	0.12	<0.05	131	<1	7.0	0.8
64898 (3351773)	1.1	1	199	<0.5	0.31	<0.1	0.29	<0.5	0.21	<0.05	212	<1	12.9	1.5
64899 (3351774)	0.8	2	103	<0.5	0.21	<0.1	0.21	<0.5	0.16	<0.05	154	<1	9.4	1.0
64900 (3351775)	0.7	1	46.5	<0.5	0.20	<0.1	0.17	<0.5	0.12	<0.05	124	<1	7.8	0.9

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845693

PROJECT: 2021 Surimeau DDH Batch 70

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Jan 31, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
64851 (3351726)	334	79.1
64852 (3351727)	<5	1.7
64853 (3351728)	385	30.1
64854 (3351729)	174	10.0
64855 (3351730)	277	26.0
64856 (3351731)	222	28.2
64857 (3351732)	231	27.4
64858 (3351733)	153	16.1
64859 (3351734)	352	30.2
64860 (3351735)	249	32.3
64861 (3351736)	228	27.3
64862 (3351737)	230	27.8
64863 (3351738)	217	36.5
64864 (3351739)	340	32.4
64865 (3351740)	341	32.6
64866 (3351741)	280	26.5
64867 (3351742)	42000	114
64868 (3351743)	22100	134
64869 (3351744)	379	32.1
64870 (3351745)	361	26.3
64871 (3351746)	286	19.3
64872 (3351747)	9	1.6
64873 (3351748)	65	12.4
64874 (3351749)	85	16.5
64875 (3351750)	145	11.1
64876 (3351751)	95	13.8
64877 (3351752)	127	60.1
64878 (3351753)	90	24.0
64879 (3351754)	174	16.3
64880 (3351755)	76	206
64881 (3351756)	183	23.5
64882 (3351757)	241	16.1

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845693

PROJECT: 2021 Surimeau DDH Batch 70

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Jan 31, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
64883 (3351758)	15400	155
64884 (3351759)	908	22.1
64885 (3351760)	204	14.9
64886 (3351761)	697	14.9
64887 (3351762)	72	20.8
64888 (3351763)	80	17.7
64889 (3351764)	58	16.5
64890 (3351765)	59	28.5
64891 (3351766)	135	167
64892 (3351767)	126	168
64893 (3351768)	79	44.7
64894 (3351769)	62	20.5
64895 (3351770)	57	21.9
64896 (3351771)	53	14.3
64897 (3351772)	70	17.3
64898 (3351773)	82	25.1
64899 (3351774)	67	19.7
64900 (3351775)	59	15.1

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845693

PROJECT: 2021 Surimeau DDH Batch 70

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Jan 31, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Crush-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
64851 (3351726)	85.60
64870 (3351745)	78.89
64890 (3351765)	79.27

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845693

PROJECT: 2021 Surimeau DDH Batch 70

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Jan 31, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Pul-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
64851 (3351726)	87.64
64870 (3351745)	86.06
64890 (3351765)	86.80

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O845693

PROJECT: 2021 Surimeau DDH Batch 70

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	3351726	1	1	0.0%	3351740	< 1	< 1	0.0%	3351751	7	< 1		3351766	< 1	< 1	0.0%
Al	3351726	5.22	5.77	10.0%	3351740	5.67	5.74	1.2%	3351751	3.12	3.05	2.3%	3351766	8.15	8.06	1.1%
As	3351726	< 5	< 5	0.0%	3351740	< 5	< 5	0.0%	3351751	< 5	< 5	0.0%	3351766	< 5	< 5	0.0%
B	3351726	< 20	<20	0.0%	3351740	< 20	<20	0.0%	3351751	< 20	<20	0.0%	3351766	< 20	<20	0.0%
Ba	3351726	154	174	12.2%	3351740	433	440	1.6%	3351751	292	284	2.8%	3351766	886	887	0.1%
Be	3351726	< 5	<5	0.0%	3351740	< 5	<5	0.0%	3351751	< 5	<5	0.0%	3351766	5	5	0.0%
Bi	3351726	1.9	1.78	6.5%	3351740	0.5	0.5	0.0%	3351751	0.1	0.2	66.7%	3351766	0.3	0.3	0.0%
Ca	3351726	4.54	4.47	1.6%	3351740	6.15	6.22	1.1%	3351751	5.15	5.12	0.6%	3351766	6.54	6.47	1.1%
Cd	3351726	0.7	0.79	12.1%	3351740	< 0.2	< 0.2	0.0%	3351751	0.3	0.2	40.0%	3351766	< 0.2	< 0.2	0.0%
Ce	3351726	17.0	19.8	15.2%	3351740	3.5	3.8	8.2%	3351751	2.6	2.6	0.0%	3351766	123	128	4.0%
Co	3351726	370	352	5.0%	3351740	133	135	1.5%	3351751	75.9	76.0	0.1%	3351766	38.2	38.1	0.3%
Cr	3351726	0.056	0.068	19.4%	3351740	0.452	0.459	1.5%	3351751	0.193	0.190	1.6%	3351766	0.030	0.030	0.0%
Cs	3351726	5.1	1.0		3351740	7.3	7.37	1.0%	3351751	19.3	18.5	4.2%	3351766	1.5	1.43	4.8%
Cu	3351726	1320	1240	6.3%	3351740	85	86	1.2%	3351751	< 5	<5	0.0%	3351766	< 5	<5	0.0%
Dy	3351726	2.76	3.40	20.8%	3351740	3.00	3.03	1.0%	3351751	1.17	1.26	7.4%	3351766	5.29	5.46	3.2%
Er	3351726	2.12	2.59	20.0%	3351740	2.02	1.97	2.5%	3351751	0.77	0.731	5.2%	3351766	2.74	2.67	2.6%
Eu	3351726	0.84	0.92	9.1%	3351740	0.66	0.63	4.7%	3351751	0.46	0.20		3351766	2.93	3.31	12.2%
Fe	3351726	21.0	20.1	4.4%	3351740	11.6	11.8	1.7%	3351751	6.38	6.28	1.6%	3351766	7.54	7.47	0.9%
Ga	3351726	11.4	12.6	10.0%	3351740	17.2	17.8	3.4%	3351751	10.3	10.1	2.0%	3351766	18.5	18.8	1.6%
Gd	3351726	2.42	2.96	20.1%	3351740	2.21	2.18	1.4%	3351751	0.96	1.02	6.1%	3351766	8.78	8.78	0.0%
Ge	3351726	2	2	0.0%	3351740	4	4	0.0%	3351751	3	2		3351766	2	2	0.0%
Hf	3351726	2	2	0.0%	3351740	< 1	1		3351751	< 1	< 1	0.0%	3351766	4	5	22.2%
Ho	3351726	0.62	0.73	16.3%	3351740	0.59	0.63	6.6%	3351751	0.24	0.261	7.6%	3351766	0.90	0.92	2.2%
In	3351726	< 0.2	0.20	28.6%	3351740	< 0.2	< 0.2	0.0%	3351751	< 0.2	< 0.2	0.0%	3351766	< 0.2	< 0.2	0.0%
K	3351726	0.10	0.11	9.5%	3351740	1.60	1.60	0.0%	3351751	2.57	2.49	3.2%	3351766	0.37	0.36	2.7%
La	3351726	7.4	8.63	15.3%	3351740	1.4	1.57	11.4%	3351751	1.0	0.95	3.1%	3351766	56.9	59.5	4.5%
Li	3351726	< 10	<10	0.0%	3351740	87	88	1.1%	3351751	82	79	3.5%	3351766	21	22	4.7%
Lu	3351726	0.38	0.450	16.9%	3351740	0.29	0.29	0.0%	3351751	0.13	0.112	15.6%	3351766	0.39	0.351	10.5%
Mg	3351726	0.62	0.70	12.1%	3351740	6.33	6.42	1.4%	3351751	12.7	12.4	2.7%	3351766	4.20	4.27	1.7%
Mn	3351726	1720	1800	4.5%	3351740	5790	5870	1.4%	3351751	1030	1020	1.0%	3351766	1510	1510	0.0%
Mo	3351726	< 2	< 2	0.0%	3351740	< 2	< 2	0.0%	3351751	< 2	< 2	0.0%	3351766	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Nb	3351726	2	2	0.0%	3351740	< 1	< 1	0.0%	3351751	< 1	< 1	0.0%	3351766	6	5	18.2%
Nd	3351726	9.2	10.3	11.3%	3351740	3.6	3.7	2.7%	3351751	2.1	2.2	4.7%	3351766	61.2	62.7	2.4%
Ni	3351726	2600	2530	2.7%	3351740	1980	1980	0.0%	3351751	960	965	0.5%	3351766	70	63	10.5%
P	3351726	0.05	0.04	22.2%	3351740	< 0.01	<0.01	0.0%	3351751	< 0.01	<0.01	0.0%	3351766	0.31	0.32	3.2%
Pb	3351726	17	18	5.7%	3351740	< 5	6	18.2%	3351751	< 5	< 5	0.0%	3351766	27	27	0.0%
Pr	3351726	2.15	2.51	15.5%	3351740	0.62	0.665	7.0%	3351751	0.39	0.420	6.9%	3351766	15.3	15.9	3.8%
Rb	3351726	1.8	1.55	15.5%	3351740	72.6	73.8	1.6%	3351751	107	105	1.9%	3351766	10.0	10.4	3.9%
S	3351726	12.7	12.4	2.6%	3351740	0.57	0.57	0.0%	3351751	0.10	0.09	2.7%	3351766	0.11	0.11	0.0%
Sb	3351726	< 0.1	< 0.1	0.0%	3351740	< 0.1	< 0.1	0.0%	3351751	< 0.1	< 0.1	0.0%	3351766	< 0.1	< 0.1	0.0%
Sc	3351726	14	16	16.6%	3351740	46	47	2.2%	3351751	19	19	1.8%	3351766	26	27	3.8%
Si	3351726	16.2	18.0	10.4%	3351740	21.1	21.4	1.4%	3351751	23.2	22.9	1.4%	3351766	22.5	22.3	0.9%
Sm	3351726	2.1	2.36	13.1%	3351740	1.5	1.5	0.0%	3351751	0.6	0.7	15.4%	3351766	11.0	11.5	4.4%
Sn	3351726	6	6	0.0%	3351740	3	4	28.6%	3351751	2	1		3351766	4	4	0.0%
Sr	3351726	434	477	9.5%	3351740	96.3	96.8	0.5%	3351751	42.9	42.6	0.7%	3351766	1960	1950	0.5%
Ta	3351726	< 0.5	< 0.5	0.0%	3351740	< 0.5	< 0.5	0.0%	3351751	< 0.5	< 0.5	0.0%	3351766	< 0.5	< 0.5	0.0%
Tb	3351726	0.45	0.508	11.0%	3351740	0.42	0.43	2.4%	3351751	0.18	0.18	0.0%	3351766	1.19	1.19	0.0%
Th	3351726	1.4	1.49	3.4%	3351740	< 0.1	< 0.1	0.0%	3351751	0.1	< 0.1		3351766	8.8	9.0	2.2%
Ti	3351726	0.18	0.21	12.3%	3351740	0.36	0.37	2.7%	3351751	0.17	0.17	1.5%	3351766	0.50	0.50	0.0%
Tl	3351726	< 0.5	< 0.5	0.0%	3351740	1.7	1.91	11.6%	3351751	1.2	1.2	0.0%	3351766	< 0.5	< 0.5	0.0%
Tm	3351726	0.34	0.34	0.0%	3351740	0.26	0.271	4.1%	3351751	0.12	0.102	14.5%	3351766	0.37	0.378	2.1%
U	3351726	0.62	0.69	10.7%	3351740	0.12	0.12	0.0%	3351751	0.22	0.15		3351766	3.24	3.33	2.7%
V	3351726	50	57	13.9%	3351740	274	277	1.1%	3351751	120	117	2.8%	3351766	207	211	1.9%
W	3351726	< 1	< 1	0.0%	3351740	< 1	< 1	0.0%	3351751	< 1	< 1	0.0%	3351766	< 1	< 1	0.0%
Y	3351726	17.1	19.2	11.6%	3351740	16.3	16.3	0.0%	3351751	6.5	6.79	3.9%	3351766	25.5	25.6	0.4%
Yb	3351726	2.3	2.69	15.6%	3351740	1.9	1.9	0.0%	3351751	0.7	0.76	5.4%	3351766	2.5	2.5	0.0%
Zn	3351726	334	360	7.7%	3351740	341	336	1.5%	3351751	95	95	0.6%	3351766	135	127	6.1%
Zr	3351726	79.1	88.2	10.9%	3351740	32.6	34.4	5.4%	3351751	13.8	13.3	3.7%	3351766	167	166	0.6%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O845693

PROJECT: 2021 Surimeau DDH Batch 70

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.37	99%	80% - 120%					6.94	6.87	99%	80% - 120%	13.0	12.7	98%	80% - 120%
As	26	27	104%	80% - 120%												
Ba	540.0	525	97%	80% - 120%									1310.0	1300	99%	80% - 120%
Be	4.0	4.31	108%	80% - 120%												
Ca	0.907	0.939	104%	80% - 120%					4.01	4.02	100%	80% - 120%	1.42	1.42	100%	80% - 120%
Ce	98	109	111%	80% - 120%	58.2	68.3	117%	80% - 120%								
Co	15	15	99%	80% - 120%												
Cr	74.0	74.8	101%	80% - 120%									25.6	29.8	117%	80% - 120%
Cu	150.0	158	105%	80% - 120%					88.6	88.1	99%	80% - 120%	6.4	5.36	84%	80% - 120%
Er	3.7	4.2	113%	80% - 120%												
Fe	3.77	3.91	104%	80% - 120%					7.56	7.76	103%	80% - 120%	3.27	3.27	100%	80% - 120%
Ga					22.6	24.2	107%	80% - 120%								
Hf	11	11	100%	80% - 120%												
K	2.55	2.56	100%	80% - 120%					2.02	2.03	100%	80% - 120%	3.68	3.72	101%	80% - 120%
La	44	48	109%	80% - 120%	27.5	32.4	118%	80% - 120%								
Li	47.0	51.9	111%	80% - 120%	65.0	69.8	107%	80% - 120%					65.0	71.4	110%	80% - 120%
Lu	0.6	0.6	104%	80% - 120%												
Mg	1.1	1.07	97%	80% - 120%					2.41	2.35	98%	80% - 120%				
Mn	780.0	819	105%	80% - 120%					1510.0	1530	101%	80% - 120%				
Mo	14	13	93%	80% - 120%												
Nb	20	19	97%	80% - 120%	22.6	23.8	105%	80% - 120%								
Nd					27.3	30.1	110%	80% - 120%								
P													0.061	0.062	101%	80% - 120%
Pb	31	33	106%	80% - 120%												
Rb	144	150	104%	80% - 120%	85.4	92.5	108%	80% - 120%								
Sb	0.8	0.8	100%	80% - 120%												
Sc	12.0	12.6	105%	80% - 120%												
Si									23.65	24.0	102%	80% - 120%	24.4	23.9	98%	80% - 120%
Sm	7.4	8.1	109%	80% - 120%												
Sr	144.0	165	114%	80% - 120%									310.0	325	105%	80% - 120%
Ta	1.9	2.1	110%	80% - 120%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Tb	1.2	1.3	108%	80% - 120%												
Th	18.4	19.2	104%	80% - 120%												
Ti	0.527	0.530	100%	80% - 120%									0.222	0.215	97%	80% - 120%
U	5.7	5.4	94%	80% - 120%												
V	77.0	79.9	103%	80% - 120%												
W	5	5	100%	80% - 120%												
Y	40	38	95%	80% - 120%	25.3	26.2	104%	80% - 120%								
Yb					2.66	3.02	113%	80% - 120%								
Zn	130.0	127	97%	80% - 120%									75.42	80.4	107%	80% - 120%
Zr	390	400	102%	80% - 120%	157	169	108%	80% - 120%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O845693

PROJECT: 2021 Surimeau DDH Batch 70

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O845693

PROJECT: 2021 Surimeau DDH Batch 70

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O845693

PROJECT: 2021 Surimeau DDH Batch 70

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Crush-Pass %			BALANCE
Pul-Pass %			BALANCE

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 71

AGAT WORK ORDER: 21O845698

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Feb 16, 2022

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

Disclaimer:

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project Manager if you require additional sample storage time.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
- The test results reported herewith relate only to the samples as received by the laboratory.
- Measurement Uncertainty is not taken into consideration when stating conformity with a specified requirement.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845698

PROJECT: 2021 Surimeau DDH Batch 71

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Feb 16, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
64901 (3351852)	2.090
64902 (3351853)	0.880
64903 (3351854)	2.330
64904 (3351855)	1.020
64905 (3351856)	1.410
64906 (3351857)	3.270
64907 (3351858)	3.520
64908 (3351859)	3.480
64909 (3351860)	3.460
64910 (3351861)	3.590
64911 (3351862)	3.580
64912 (3351863)	-
64913 (3351864)	3.240
64914 (3351865)	1.440
64915 (3351866)	1.600
64916 (3351867)	3.960
64917 (3351868)	2.270
64918 (3351869)	1.640
64919 (3351870)	2.630
64920 (3351871)	2.990
64921 (3351872)	2.360
64922 (3351873)	0.710
64923 (3351874)	2.750
64924 (3351875)	1.860
64925 (3351876)	3.520
64926 (3351877)	3.370
64927 (3351878)	2.370
64928 (3351879)	2.660
64929 (3351880)	1.610
64930 (3351881)	1.380
64931 (3351882)	1.640

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845698

PROJECT: 2021 Surimeau DDH Batch 71

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Feb 16, 2022 | SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.005
64932 (3351883)		2.300
64933 (3351884)		1.530
64934 (3351885)		2.800
64935 (3351886)		1.840
64936 (3351887)		3.170
64937 (3351888)		2.980
64938 (3351889)		2.740
64939 (3351890)		2.420
64940 (3351891)		2.560
64941 (3351892)		1.380
64942 (3351893)		1.530
64943 (3351894)		1.180
64944 (3351895)		1.080
64945 (3351896)		-
64946 (3351897)		2.160
64947 (3351898)		2.230
64948 (3351899)		2.300
64949 (3351900)		2.260
64950 (3351901)		3.240

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845698

PROJECT: 2021 Surimeau DDH Batch 71

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Feb 16, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
64901 (3351852)	<1	7.13	<5	<20	534	<5	1.1	5.91	<0.2	4.1	202	0.506	10.2	283
64902 (3351853)	<1	0.07	<5	<20	13.9	<5	<0.1	34.8	<0.2	0.9	0.7	0.014	<0.1	<5
64903 (3351854)	<1	7.29	<5	<20	834	<5	1.0	5.71	1.1	21.1	150	0.443	9.4	448
64904 (3351855)	<1	7.32	<5	<20	1000	<5	0.8	6.59	3.3	69.3	97.0	0.047	9.6	1030
64905 (3351856)	<1	4.21	<5	<20	543	<5	0.4	5.67	0.4	10.6	70.3	0.171	18.9	87
64906 (3351857)	<1	3.06	<5	<20	18.2	<5	0.4	7.95	<0.2	3.0	80.2	0.213	1.0	71
64907 (3351858)	<1	3.24	<5	<20	47.0	<5	0.4	10.2	<0.2	1.8	78.9	0.217	2.9	17
64908 (3351859)	<1	3.14	<5	<20	0.9	<5	0.3	6.13	<0.2	1.3	76.5	0.222	0.3	26
64909 (3351860)	<1	3.30	<5	<20	<0.5	<5	0.4	5.71	<0.2	1.7	82.2	0.219	0.3	57
64910 (3351861)	<1	3.62	<5	<20	<0.5	<5	0.3	5.49	<0.2	1.5	85.7	0.236	0.3	49
64911 (3351862)	<1	3.72	<5	<20	156	<5	0.4	10.2	<0.2	2.5	91.0	0.254	4.6	23
64912 (3351863)	<1	3.83	<5	<20	174	<5	0.5	10.9	<0.2	2.5	89.9	0.264	4.7	26
64913 (3351864)	<1	2.46	<5	<20	2.7	<5	0.3	8.08	<0.2	1.6	76.6	0.178	0.5	12
64914 (3351865)	<1	4.08	<5	<20	130	<5	0.5	10.3	<0.2	2.8	104	0.297	5.0	38
64915 (3351866)	1	3.96	<5	<20	140	<5	0.5	10.5	<0.2	2.7	97.3	0.296	5.6	39
64916 (3351867)	<1	3.25	<5	<20	2.4	<5	0.4	7.24	<0.2	1.8	83.9	0.231	0.5	52
64917 (3351868)	<1	3.50	<5	<20	46.1	<5	0.3	7.14	<0.2	1.7	76.0	0.245	2.7	31
64918 (3351869)	1	4.74	<5	<20	206	<5	1.6	10.3	0.2	4.1	148	0.390	2.3	48
64919 (3351870)	<1	4.23	<5	<20	331	<5	0.6	15.1	<0.2	3.1	101	0.295	14.7	57
64920 (3351871)	<1	2.82	<5	<20	334	<5	0.4	5.99	<0.2	1.7	74.7	0.188	15.6	40
64921 (3351872)	<1	3.10	<5	<20	350	<5	0.5	5.92	<0.2	2.0	73.0	0.174	15.9	7
64922 (3351873)	<1	0.05	<5	<20	27.4	<5	<0.1	35.3	<0.2	1.0	<0.5	0.008	0.1	<5
64923 (3351874)	<1	3.57	<5	<20	406	<5	0.4	5.22	<0.2	1.5	70.9	0.237	19.3	17
64924 (3351875)	<1	4.75	<5	<20	175	<5	0.3	3.67	<0.2	2.8	77.9	0.237	10.3	93
64925 (3351876)	<1	3.37	<5	<20	25.0	<5	0.5	4.36	<0.2	3.9	78.4	0.214	1.7	57
64926 (3351877)	<1	3.24	<5	<20	6.2	<5	0.4	4.15	<0.2	1.1	77.9	0.234	0.9	42
64927 (3351878)	<1	3.30	<5	<20	2.6	<5	0.5	4.87	<0.2	2.0	78.1	0.233	0.3	59
64928 (3351879)	<1	5.98	<5	<20	781	<5	0.8	2.72	3.1	30.1	83.9	0.139	28.7	326
64929 (3351880)	1	7.58	<5	<20	221	<5	2.8	1.05	28.7	78.7	162	0.027	1.1	872
64930 (3351881)	<1	7.22	<5	<20	430	<5	3.1	4.14	6.3	76.2	47.3	0.034	0.5	260
64931 (3351882)	<1	5.86	<5	<20	747	<5	0.3	6.80	0.5	36.9	47.1	0.089	1.9	135
64932 (3351883)	<1	7.37	<5	<20	1060	<5	0.5	6.56	0.5	70.5	43.3	0.054	2.5	268

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845698

PROJECT: 2021 Surimeau DDH Batch 71

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Feb 16, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
64933 (3351884)	1	7.42	<5	<20	785	<5	3.2	2.86	8.8	61.2	73.2	0.055	2.8	332
64934 (3351885)	<1	9.69	<5	<20	1010	<5	0.6	2.14	<0.2	62.4	26.9	0.046	2.9	60
64935 (3351886)	<1	9.62	<5	<20	807	<5	0.4	1.05	<0.2	57.1	25.2	0.048	4.4	49
64936 (3351887)	<1	9.40	<5	<20	514	<5	0.4	1.27	<0.2	62.7	27.2	0.046	4.4	61
64937 (3351888)	1	9.56	<5	<20	437	<5	0.3	1.71	0.3	63.4	26.7	0.041	5.6	108
64938 (3351889)	<1	9.90	<5	<20	487	<5	0.5	1.69	<0.2	65.2	29.8	0.047	6.8	56
64939 (3351890)	<1	8.96	<5	<20	454	<5	0.5	2.46	0.3	55.7	25.5	0.046	5.2	60
64940 (3351891)	<1	9.58	<5	<20	591	<5	0.4	1.10	<0.2	69.2	30.3	0.054	8.1	56
64941 (3351892)	<1	9.61	<5	<20	751	<5	0.3	1.16	0.2	64.2	28.5	0.047	7.3	53
64942 (3351893)	<1	9.45	<5	<20	744	<5	0.3	1.18	<0.2	67.5	29.9	0.056	7.4	54
64943 (3351894)	3	9.09	<5	<20	650	<5	0.2	1.31	<0.2	57.0	24.9	0.044	4.4	61
64944 (3351895)	<1	8.19	<5	<20	602	<5	0.5	1.41	<0.2	60.0	26.0	0.042	4.0	56
64945 (3351896)	<1	8.32	<5	<20	610	<5	0.6	1.43	<0.2	54.2	24.6	0.051	3.8	58
64946 (3351897)	<1	9.00	<5	<20	773	<5	0.3	1.31	<0.2	58.5	25.1	0.056	6.2	59
64947 (3351898)	<1	8.81	<5	<20	589	<5	0.3	1.17	<0.2	59.2	23.9	0.050	6.3	53
64948 (3351899)	<1	8.65	<5	<20	599	<5	0.3	1.19	0.2	59.7	24.0	0.056	5.6	50
64949 (3351900)	<1	8.59	<5	<20	554	<5	0.2	1.28	<0.2	60.9	22.9	0.057	6.0	53
64950 (3351901)	<1	8.86	<5	<20	664	<5	0.2	1.08	0.3	56.7	22.5	0.056	5.5	50

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845698

PROJECT: 2021 Surimeau DDH Batch 71

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Feb 16, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
64901 (3351852)	2.48	1.77	0.51	11.6	18.9	2.16	2	1	0.57	<0.2	1.91	1.8	97	0.27
64902 (3351853)	0.20	0.15	<0.05	0.25	0.24	0.19	2	<1	<0.05	<0.2	<0.05	1.1	<10	<0.05
64903 (3351854)	3.16	2.12	1.45	10.1	16.1	2.97	1	2	0.64	0.3	1.92	9.0	106	0.30
64904 (3351855)	5.98	3.71	2.89	11.5	20.1	6.58	2	4	1.13	1.2	2.16	31.9	97	0.58
64905 (3351856)	1.86	1.19	1.00	6.94	11.9	1.75	3	1	0.39	0.4	2.55	4.6	90	0.17
64906 (3351857)	1.15	0.76	0.21	6.81	6.25	0.99	2	<1	0.25	<0.2	0.16	1.9	<10	0.11
64907 (3351858)	1.31	0.83	0.38	6.91	6.53	0.99	2	<1	0.26	<0.2	0.42	0.7	15	0.12
64908 (3351859)	1.13	0.76	0.17	7.21	6.33	0.92	2	<1	0.24	<0.2	<0.05	0.4	<10	0.09
64909 (3351860)	1.21	0.78	0.15	7.02	6.34	0.98	1	<1	0.23	<0.2	<0.05	0.6	<10	0.11
64910 (3351861)	1.25	0.76	0.16	7.38	6.88	0.92	2	<1	0.25	<0.2	<0.05	0.5	<10	0.11
64911 (3351862)	1.60	1.12	0.57	7.32	7.15	1.27	1	<1	0.33	<0.2	0.63	1.0	28	0.17
64912 (3351863)	1.52	1.07	0.57	7.37	6.93	1.28	<1	<1	0.31	<0.2	0.72	1.0	31	0.15
64913 (3351864)	1.17	0.80	0.23	6.43	5.11	0.96	1	<1	0.24	<0.2	<0.05	0.5	<10	0.12
64914 (3351865)	1.72	1.17	0.38	7.73	7.53	1.34	1	<1	0.37	<0.2	0.72	1.2	32	0.17
64915 (3351866)	1.81	1.23	0.66	7.54	6.83	1.47	1	<1	0.36	<0.2	0.74	1.2	33	0.18
64916 (3351867)	1.32	0.86	0.19	7.31	6.65	0.94	2	<1	0.25	<0.2	<0.05	0.7	<10	0.12
64917 (3351868)	1.25	0.80	0.21	7.22	7.67	0.95	2	<1	0.27	<0.2	0.34	0.6	14	0.12
64918 (3351869)	2.19	1.50	1.96	8.87	13.9	1.76	2	<1	0.46	<0.2	0.48	1.5	19	0.23
64919 (3351870)	1.94	1.31	0.82	7.61	7.75	1.60	1	<1	0.42	<0.2	2.12	1.5	73	0.17
64920 (3351871)	0.97	0.62	0.26	6.40	7.69	0.75	2	<1	0.21	<0.2	2.34	0.6	54	0.09
64921 (3351872)	1.12	0.69	0.31	6.15	9.56	0.97	2	<1	0.23	<0.2	2.47	0.7	55	0.11
64922 (3351873)	0.23	0.16	<0.05	0.14	0.27	0.23	1	<1	0.05	<0.2	<0.05	1.0	<10	<0.05
64923 (3351874)	0.95	0.67	0.30	6.51	10.8	0.74	2	<1	0.19	<0.2	3.02	0.5	64	0.09
64924 (3351875)	1.73	1.16	0.17	8.16	10.6	1.34	2	<1	0.33	<0.2	1.51	1.0	32	0.16
64925 (3351876)	1.17	0.77	0.15	7.13	7.90	1.03	3	<1	0.23	<0.2	0.23	1.7	<10	0.11
64926 (3351877)	1.02	0.68	0.14	7.14	7.51	0.90	3	<1	0.25	<0.2	0.07	0.4	<10	0.12
64927 (3351878)	1.27	0.82	0.23	7.01	6.92	1.00	3	<1	0.26	<0.2	<0.05	0.7	<10	0.14
64928 (3351879)	2.73	1.59	0.79	9.52	17.4	3.16	3	2	0.52	0.4	4.08	14.2	88	0.24
64929 (3351880)	4.65	2.78	2.89	11.8	20.0	5.53	1	4	0.90	5.7	0.18	36.8	<10	0.46
64930 (3351881)	3.45	1.78	2.11	6.15	19.3	5.32	2	3	0.60	0.9	0.16	35.3	10	0.24
64931 (3351882)	2.61	1.46	1.13	7.14	13.7	3.53	2	2	0.49	<0.2	0.76	17.3	44	0.19
64932 (3351883)	4.04	2.17	1.91	7.74	16.8	5.61	2	3	0.72	0.2	1.05	33.0	39	0.31

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845698

PROJECT: 2021 Surimeau DDH Batch 71

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Feb 16, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
64933 (3351884)	3.49	2.14	1.83	7.78	19.4	4.52	2	3	0.67	1.4	1.64	29.4	31	0.33
64934 (3351885)	3.19	1.79	1.22	4.86	22.2	4.42	1	3	0.60	<0.2	2.28	29.9	40	0.25
64935 (3351886)	2.73	1.51	1.08	5.21	20.7	3.66	2	3	0.53	<0.2	3.53	27.2	58	0.23
64936 (3351887)	3.08	1.73	1.34	5.03	21.7	3.98	2	3	0.55	<0.2	2.36	30.3	55	0.24
64937 (3351888)	3.22	1.72	1.45	4.91	20.9	4.21	2	3	0.57	<0.2	2.03	30.3	53	0.24
64938 (3351889)	3.10	1.80	1.37	5.41	23.2	4.16	2	3	0.60	<0.2	2.90	31.2	59	0.26
64939 (3351890)	3.20	1.92	1.28	5.34	18.4	3.96	1	3	0.63	<0.2	2.83	26.7	54	0.26
64940 (3351891)	3.42	1.79	1.32	5.20	27.5	4.48	2	4	0.60	<0.2	2.62	33.1	70	0.25
64941 (3351892)	2.99	1.60	1.21	5.33	22.4	4.25	2	3	0.54	<0.2	2.81	30.4	77	0.22
64942 (3351893)	3.52	2.07	1.33	5.32	23.8	4.38	2	3	0.64	<0.2	2.77	32.3	75	0.31
64943 (3351894)	2.54	1.51	1.20	4.63	21.3	3.69	1	3	0.51	<0.2	2.29	27.7	56	0.21
64944 (3351895)	2.47	1.34	1.25	4.24	17.7	3.61	1	4	0.43	<0.2	2.43	29.0	45	0.20
64945 (3351896)	2.38	1.35	1.09	4.36	16.7	3.13	1	3	0.42	<0.2	2.52	26.6	45	0.21
64946 (3351897)	2.61	1.32	1.16	4.77	21.1	3.58	2	3	0.45	<0.2	2.94	28.0	58	0.19
64947 (3351898)	2.81	1.54	1.10	4.50	20.7	3.70	2	4	0.51	<0.2	2.28	28.7	46	0.22
64948 (3351899)	2.61	1.51	1.15	4.35	20.5	3.60	2	4	0.53	<0.2	2.28	29.1	47	0.21
64949 (3351900)	2.59	1.47	1.08	4.28	19.6	3.61	2	3	0.50	<0.2	2.18	29.3	44	0.20
64950 (3351901)	2.60	1.45	1.13	4.61	19.4	3.41	1	3	0.49	<0.2	2.37	27.2	49	0.18

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845698

PROJECT: 2021 Surimeau DDH Batch 71

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Feb 16, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
64901 (3351852)	7.41	2890	4	1	3.3	2690	0.01	12	0.62	74.4	2.40	<0.1	49	18.8
64902 (3351853)	2.48	113	<2	<1	0.7	6	<0.01	<5	0.16	0.4	0.62	<0.1	<5	4.96
64903 (3351854)	5.90	2250	5	2	12.1	1680	0.07	20	2.72	76.3	2.80	<0.1	48	19.2
64904 (3351855)	7.18	2350	19	7	35.4	504	0.22	20	8.42	85.0	2.82	<0.1	45	16.5
64905 (3351856)	11.5	1370	<2	2	5.9	793	0.04	7	1.47	110	0.53	<0.1	25	21.7
64906 (3351857)	12.9	1400	<2	<1	2.0	1180	<0.01	<5	0.40	5.1	1.03	<0.1	21	18.7
64907 (3351858)	11.6	1780	<2	<1	1.5	1020	<0.01	5	0.24	16.7	0.39	<0.1	23	16.7
64908 (3351859)	14.1	1280	<2	<1	1.5	1100	0.01	<5	0.23	0.6	0.32	<0.1	23	20.9
64909 (3351860)	14.2	1160	<2	<1	1.4	1190	<0.01	<5	0.25	0.6	0.36	<0.1	21	19.1
64910 (3351861)	14.6	1140	<2	<1	1.6	1190	<0.01	<5	0.23	0.5	0.33	<0.1	23	19.5
64911 (3351862)	10.9	1900	<2	<1	2.3	1150	<0.01	9	0.37	28.4	0.28	<0.1	27	15.9
64912 (3351863)	10.7	1990	<2	<1	2.2	1170	0.01	9	0.36	29.7	0.29	<0.1	27	15.4
64913 (3351864)	12.4	1430	<2	<1	1.8	1060	<0.01	<5	0.29	1.1	0.22	<0.1	18	20.8
64914 (3351865)	11.1	2040	<2	<1	2.3	1400	<0.01	8	0.42	30.9	0.34	<0.1	30	16.1
64915 (3351866)	10.5	2060	<2	<1	2.5	1390	<0.01	10	0.40	30.6	0.35	<0.1	30	15.3
64916 (3351867)	13.7	1390	<2	<1	1.7	1210	<0.01	<5	0.27	0.8	0.41	<0.1	23	20.3
64917 (3351868)	12.1	1430	<2	<1	1.5	1120	0.03	<5	0.26	12.5	0.31	<0.1	24	21.4
64918 (3351869)	7.77	2580	<2	2	3.6	2110	<0.01	13	0.63	17.6	0.35	0.2	39	19.4
64919 (3351870)	7.51	2500	<2	<1	2.6	1570	<0.01	16	0.49	94.0	0.88	<0.1	31	11.7
64920 (3351871)	12.8	1200	<2	<1	1.5	1220	<0.01	6	0.28	98.9	0.46	<0.1	17	23.3
64921 (3351872)	12.5	1070	<2	1	1.7	1240	<0.01	7	0.33	103	0.27	<0.1	17	23.0
64922 (3351873)	1.56	110	<2	<1	0.9	<5	<0.01	<5	0.20	0.7	0.62	<0.1	<5	4.66
64923 (3351874)	12.5	1060	<2	1	1.4	1010	<0.01	7	0.26	119	0.37	<0.1	20	22.3
64924 (3351875)	14.1	1070	<2	<1	2.4	657	0.01	11	0.42	61.7	0.89	<0.1	30	20.0
64925 (3351876)	14.9	1220	<2	<1	2.7	1320	0.02	<5	0.55	8.5	0.78	<0.1	24	21.2
64926 (3351877)	15.0	1210	<2	<1	1.2	1150	<0.01	<5	0.17	2.6	0.59	<0.1	24	21.2
64927 (3351878)	14.1	1220	<2	<1	1.7	1180	<0.01	<5	0.33	1.0	1.26	<0.1	23	20.4
64928 (3351879)	10.3	1060	46	3	15.2	579	0.09	13	3.74	169	1.95	<0.1	32	19.6
64929 (3351880)	1.09	307	420	6	34.9	548	0.05	38	9.12	7.8	7.24	<0.1	19	23.3
64930 (3351881)	2.90	729	493	5	38.3	160	0.14	96	9.35	3.4	2.12	<0.1	19	24.1
64931 (3351882)	6.95	1330	16	3	20.1	220	0.12	31	4.59	28.2	0.98	<0.1	37	22.9
64932 (3351883)	5.11	1380	7	5	36.6	128	0.19	29	8.87	44.5	2.02	<0.1	33	25.5

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845698

PROJECT: 2021 Surimeau DDH Batch 71

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Feb 16, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
64933 (3351884)	2.53	778	11	5	28.9	257	0.09	57	7.16	70.9	4.21	<0.1	21	22.8
64934 (3351885)	1.67	499	2	6	29.2	128	0.06	24	7.32	87.2	2.39	0.2	23	26.1
64935 (3351886)	2.27	614	<2	5	25.5	125	0.07	14	6.50	120	1.67	<0.1	23	25.9
64936 (3351887)	2.32	588	3	6	28.1	118	0.05	18	7.41	91.4	1.27	<0.1	22	26.2
64937 (3351888)	2.18	617	11	6	29.2	127	0.05	22	7.44	87.0	1.08	<0.1	21	25.8
64938 (3351889)	2.23	598	4	6	29.8	129	0.07	18	7.49	112	1.24	<0.1	23	26.4
64939 (3351890)	2.62	820	<2	5	26.3	108	0.09	14	6.60	114	1.22	<0.1	24	26.3
64940 (3351891)	2.37	580	3	6	31.6	125	0.06	18	7.93	119	0.40	<0.1	22	27.9
64941 (3351892)	2.39	585	2	6	28.5	122	0.07	17	7.35	111	0.32	<0.1	22	27.7
64942 (3351893)	2.36	572	3	6	30.1	122	0.07	18	7.85	119	0.31	<0.1	22	26.8
64943 (3351894)	1.93	546	5	6	25.3	107	0.07	15	6.64	85.2	0.31	<0.1	18	28.5
64944 (3351895)	1.54	515	3	6	25.8	105	0.06	24	6.78	98.7	0.87	<0.1	14	29.3
64945 (3351896)	1.54	526	2	5	22.9	101	0.05	23	6.36	93.0	0.87	<0.1	14	29.5
64946 (3351897)	1.91	569	<2	6	25.6	109	0.07	15	6.73	109	0.43	<0.1	19	28.5
64947 (3351898)	1.83	485	<2	6	25.6	97	0.07	11	6.88	84.1	0.23	<0.1	16	29.6
64948 (3351899)	1.80	543	<2	6	27.0	94	0.07	13	6.90	89.1	0.24	<0.1	16	30.2
64949 (3351900)	1.75	534	3	6	27.2	95	0.07	15	7.04	80.6	0.26	<0.1	15	29.8
64950 (3351901)	1.82	512	<2	5	24.5	99	0.06	10	6.55	81.1	0.22	<0.1	17	29.7

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845698

PROJECT: 2021 Surimeau DDH Batch 71

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Feb 16, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
64901 (3351852)	1.3	5	162	<0.5	0.39	0.3	0.41	1.3	0.24	0.07	293	<1	14.7	1.7
64902 (3351853)	0.1	<1	78.1	<0.5	<0.05	0.1	<0.01	<0.5	<0.05	0.12	<5	<1	2.0	0.1
64903 (3351854)	3.1	8	543	<0.5	0.51	1.8	0.45	1.2	0.29	0.68	285	<1	18.0	2.1
64904 (3351855)	7.2	19	262	<0.5	1.00	7.7	0.71	1.0	0.54	2.15	292	<1	32.6	3.7
64905 (3351856)	1.5	7	66.9	<0.5	0.29	1.3	0.27	1.2	0.17	0.55	148	<1	10.6	1.2
64906 (3351857)	0.6	1	107	<0.5	0.16	<0.1	0.17	<0.5	0.09	<0.05	113	<1	6.9	0.8
64907 (3351858)	0.6	1	219	<0.5	0.17	<0.1	0.19	<0.5	0.11	<0.05	124	<1	6.8	0.7
64908 (3351859)	0.6	<1	50.6	<0.5	0.18	<0.1	0.18	<0.5	0.10	<0.05	135	<1	6.4	0.7
64909 (3351860)	0.5	<1	77.1	<0.5	0.16	<0.1	0.18	<0.5	0.11	<0.05	127	<1	6.8	0.8
64910 (3351861)	0.6	<1	62.9	<0.5	0.18	<0.1	0.19	<0.5	0.11	<0.05	135	<1	6.7	0.8
64911 (3351862)	0.9	1	239	<0.5	0.23	<0.1	0.21	<0.5	0.15	<0.05	151	<1	9.5	1.1
64912 (3351863)	0.8	<1	267	<0.5	0.23	<0.1	0.22	<0.5	0.16	<0.05	153	<1	9.4	1.0
64913 (3351864)	0.6	<1	95.8	<0.5	0.15	<0.1	0.14	<0.5	0.11	<0.05	108	<1	6.6	0.7
64914 (3351865)	0.9	<1	240	<0.5	0.26	<0.1	0.24	<0.5	0.17	<0.05	177	<1	10.9	1.2
64915 (3351866)	0.9	<1	252	<0.5	0.25	<0.1	0.23	<0.5	0.16	<0.05	177	<1	10.3	1.2
64916 (3351867)	0.6	1	94.2	<0.5	0.18	<0.1	0.19	<0.5	0.11	<0.05	131	<1	7.1	0.8
64917 (3351868)	0.6	1	66.1	<0.5	0.16	<0.1	0.20	<0.5	0.11	0.14	159	<1	6.9	0.8
64918 (3351869)	1.2	3	199	<0.5	0.32	0.2	0.32	<0.5	0.21	0.47	265	<1	12.3	1.4
64919 (3351870)	1.0	1	516	<0.5	0.29	<0.1	0.23	1.1	0.18	0.05	177	<1	11.8	1.2
64920 (3351871)	0.6	1	49.8	<0.5	0.14	0.1	0.14	1.2	0.09	0.11	108	<1	5.2	0.6
64921 (3351872)	0.8	2	57.0	<0.5	0.16	0.1	0.15	1.2	0.10	0.14	133	<1	5.8	0.6
64922 (3351873)	0.2	<1	74.9	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.08	<5	<1	2.1	0.1
64923 (3351874)	0.5	1	48.3	<0.5	0.14	0.1	0.17	1.5	0.09	0.09	143	<1	5.0	0.6
64924 (3351875)	1.0	<1	25.0	<0.5	0.27	0.1	0.26	0.8	0.16	0.11	172	<1	9.3	1.0
64925 (3351876)	0.7	<1	28.7	<0.5	0.17	0.3	0.19	<0.5	0.10	0.10	132	<1	6.3	0.7
64926 (3351877)	0.6	<1	26.5	<0.5	0.16	<0.1	0.18	<0.5	0.09	<0.05	129	<1	6.2	0.7
64927 (3351878)	0.6	<1	27.4	<0.5	0.18	<0.1	0.18	<0.5	0.13	0.06	127	<1	6.9	0.8
64928 (3351879)	3.1	6	235	<0.5	0.45	3.5	0.39	2.0	0.22	1.30	218	<1	13.8	1.5
64929 (3351880)	6.4	9	412	<0.5	0.85	9.2	0.29	<0.5	0.39	3.14	79	<1	22.6	2.9
64930 (3351881)	7.2	7	948	<0.5	0.70	5.2	0.48	<0.5	0.23	2.20	143	<1	16.1	1.5
64931 (3351882)	4.0	5	557	<0.5	0.52	3.3	0.39	<0.5	0.22	0.94	211	<1	13.6	1.4
64932 (3351883)	7.4	6	727	<0.5	0.76	4.9	0.52	0.8	0.30	1.40	233	<1	19.8	2.0

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845698

PROJECT: 2021 Surimeau DDH Batch 71

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Feb 16, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
64933 (3351884)	5.2	8	358	<0.5	0.66	6.9	0.35	1.2	0.31	2.10	136	<1	19.2	2.1
64934 (3351885)	5.1	3	180	<0.5	0.61	7.0	0.40	1.6	0.23	2.09	160	<1	16.2	1.7
64935 (3351886)	4.4	2	129	<0.5	0.51	6.7	0.40	2.3	0.21	1.86	157	1	13.7	1.5
64936 (3351887)	4.9	3	188	<0.5	0.57	7.0	0.40	1.7	0.22	2.10	154	<1	15.3	1.5
64937 (3351888)	5.4	2	250	<0.5	0.60	6.9	0.39	1.4	0.23	2.04	148	<1	15.6	1.7
64938 (3351889)	5.4	2	229	<0.5	0.61	7.1	0.42	1.3	0.23	2.11	163	1	16.8	1.6
64939 (3351890)	5.0	2	288	<0.5	0.60	6.1	0.41	1.2	0.25	1.74	162	<1	16.7	1.9
64940 (3351891)	5.5	2	191	0.5	0.66	7.8	0.39	1.0	0.23	2.32	151	<1	15.9	1.6
64941 (3351892)	5.2	2	224	<0.5	0.59	7.2	0.41	0.8	0.22	2.05	153	<1	14.9	1.5
64942 (3351893)	5.6	2	224	<0.5	0.69	7.6	0.40	0.8	0.27	2.30	151	<1	18.2	2.0
64943 (3351894)	4.5	2	275	<0.5	0.54	6.4	0.37	0.6	0.20	1.97	133	<1	14.0	1.4
64944 (3351895)	4.5	2	338	<0.5	0.50	7.4	0.32	0.7	0.17	2.25	96	<1	12.3	1.3
64945 (3351896)	4.0	2	343	<0.5	0.47	6.5	0.32	0.7	0.19	2.10	96	<1	12.1	1.3
64946 (3351897)	4.7	2	275	<0.5	0.52	7.0	0.37	0.7	0.19	2.00	133	<1	12.7	1.4
64947 (3351898)	4.5	2	276	<0.5	0.54	6.9	0.36	<0.5	0.23	2.18	119	<1	14.5	1.4
64948 (3351899)	4.4	2	282	<0.5	0.54	6.9	0.35	0.5	0.21	2.20	116	<1	14.2	1.4
64949 (3351900)	4.8	2	284	<0.5	0.54	6.7	0.34	<0.5	0.18	2.06	114	<1	14.0	1.4
64950 (3351901)	4.4	2	254	<0.5	0.52	6.6	0.36	<0.5	0.20	1.99	120	<1	13.0	1.3

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845698

PROJECT: 2021 Surimeau DDH Batch 71

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Feb 16, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
64901 (3351852)	294	35.3
64902 (3351853)	<5	1.8
64903 (3351854)	797	61.1
64904 (3351855)	1700	152
64905 (3351856)	396	36.5
64906 (3351857)	59	11.4
64907 (3351858)	55	16.3
64908 (3351859)	65	15.0
64909 (3351860)	57	16.1
64910 (3351861)	57	16.9
64911 (3351862)	72	16.7
64912 (3351863)	72	18.0
64913 (3351864)	54	12.6
64914 (3351865)	76	18.7
64915 (3351866)	76	18.8
64916 (3351867)	60	15.4
64917 (3351868)	98	14.1
64918 (3351869)	204	28.2
64919 (3351870)	79	18.9
64920 (3351871)	77	11.0
64921 (3351872)	137	11.6
64922 (3351873)	<5	1.7
64923 (3351874)	145	13.4
64924 (3351875)	75	20.9
64925 (3351876)	62	18.8
64926 (3351877)	62	13.7
64927 (3351878)	61	14.5
64928 (3351879)	1450	73.6
64929 (3351880)	15200	160
64930 (3351881)	3120	125
64931 (3351882)	438	65.3
64932 (3351883)	489	106

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845698

PROJECT: 2021 Surimeau DDH Batch 71

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Feb 16, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
64933 (3351884)	4820	128
64934 (3351885)	93	114
64935 (3351886)	102	106
64936 (3351887)	136	126
64937 (3351888)	193	115
64938 (3351889)	105	124
64939 (3351890)	163	106
64940 (3351891)	170	129
64941 (3351892)	134	120
64942 (3351893)	133	124
64943 (3351894)	166	123
64944 (3351895)	164	135
64945 (3351896)	169	128
64946 (3351897)	154	126
64947 (3351898)	91	142
64948 (3351899)	101	138
64949 (3351900)	88	140
64950 (3351901)	111	126

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845698

PROJECT: 2021 Surimeau DDH Batch 71

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Feb 16, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Crush-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
64901 (3351852)	78.65
64920 (3351871)	76.27
64940 (3351891)	80.71

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845698

PROJECT: 2021 Surimeau DDH Batch 71

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Feb 16, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Pul-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
64901 (3351852)	86.83
64920 (3351871)	88.38
64940 (3351891)	86.83

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O845698

PROJECT: 2021 Surimeau DDH Batch 71

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2													
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD										
Ag	3351852	< 1	< 1	0.0%	3351877	< 1	< 1	0.0%										
Al	3351852	7.13	6.82	4.5%	3351877	3.24	3.28	1.1%										
As	3351852	< 5	< 5	0.0%	3351877	< 5	< 5	0.0%										
B	3351852	<20	<20	0%	3351877	<20	<20	0%										
Ba	3351852	534	460	14.9%	3351877	6.2	6.0	4.5%										
Be	3351852	<5	<5	0%	3351877	<5	<5	0%										
Bi	3351852	1.10	1.17	6.2%	3351877	0.4	0.6											
Ca	3351852	5.91	5.91	0%	3351877	4.15	4.21	1.5%										
Cd	3351852	< 0.2	< 0.2	0.0%	3351877	< 0.2	< 0.2	0.0%										
Ce	3351852	4.1	4.1	0.0%	3351877	1.1	1.3	16.7%										
Co	3351852	202	201	0.5%	3351877	77.9	84.4	8.0%										
Cr	3351852	0.506	0.494	2.3%	3351877	0.234	0.231	1.4%										
Cs	3351852	10.2	8.41	19.2%	3351877	0.9	0.7	25.0%										
Cu	3351852	283	287	1.4%	3351877	42	45	7.4%										
Dy	3351852	2.48	2.71	8.9%	3351877	1.02	1.17	13.7%										
Er	3351852	1.77	1.75	1.1%	3351877	0.68	0.82	18.7%										
Eu	3351852	0.512	0.530	3.5%	3351877	0.142	0.160	11.9%										
Fe	3351852	11.6	11.2	3%	3351877	7.14	7.21	1%										
Ga	3351852	18.9	18.0	4.9%	3351877	7.51	7.82	4.0%										
Gd	3351852	2.16	2.09	3.3%	3351877	0.90	1.00	10.5%										
Ge	3351852	2	1		3351877	3	2											
Hf	3351852	1	1	0.0%	3351877	< 1	< 1	0.0%										
Ho	3351852	0.567	0.522	8.3%	3351877	0.25	0.27	7.7%										
In	3351852	< 0.2	< 0.2	0.0%	3351877	< 0.2	< 0.2	0.0%										
K	3351852	1.91	1.61	17%	3351877	0.07	0.06	11.1%										
La	3351852	1.8	1.7	5.7%	3351877	0.41	0.48	15.7%										
Li	3351852	97	84	14.3%	3351877	<10	<10	0%										
Lu	3351852	0.27	0.27	0.0%	3351877	0.116	0.100	14.8%										
Mg	3351852	7.41	6.96	6.3%	3351877	15.0	15.2	1.5%										
Mn	3351852	2890	2850	1.2%	3351877	1210	1230	1.4%										
Mo	3351852	4	3	28.6%	3351877	< 2	< 2	0.0%										

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O845698

PROJECT: 2021 Surimeau DDH Batch 71

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Nb	3351852	1	1	0.0%	3351877	< 1	< 1	0.0%								
Nd	3351852	3.32	3.51	5.6%	3351877	1.25	1.44	14.1%								
Ni	3351852	2690	2760	2.6%	3351877	1150	1170	1.5%								
P	3351852	0.01	0.01	3.7%	3351877	<0.01	<0.01	0%								
Pb	3351852	12	11	8.7%	3351877	< 5	< 5	0.0%								
Pr	3351852	0.62	0.61	1.6%	3351877	0.17	0.23									
Rb	3351852	74.4	61.5	19.0%	3351877	2.62	2.82	7.4%								
S	3351852	2.40	2.43	1.1%	3351877	0.59	0.59	0.2%								
Sb	3351852	< 0.1	< 0.1	0.0%	3351877	< 0.1	< 0.1	0.0%								
Sc	3351852	49	48	0.8%	3351877	24	24	1.3%								
Si	3351852	18.8	18.1	3.4%	3351877	21.2	21.5	1.4%								
Sm	3351852	1.3	1.2	8.0%	3351877	0.6	0.6	0.0%								
Sn	3351852	5	6	18.2%	3351877	< 1	< 1	0.0%								
Sr	3351852	162	164	1.5%	3351877	26.5	26.2	0.9%								
Ta	3351852	< 0.5	< 0.5	0.0%	3351877	< 0.5	< 0.5	0.0%								
Tb	3351852	0.39	0.40	2.5%	3351877	0.16	0.17	6.1%								
Th	3351852	0.3	0.2		3351877	< 0.1	< 0.1	0.0%								
Ti	3351852	0.41	0.39	4.9%	3351877	0.18	0.19	1.5%								
Tl	3351852	1.28	1.09	16.0%	3351877	< 0.5	< 0.5	0.0%								
Tm	3351852	0.24	0.24	0.0%	3351877	0.093	0.118	23.7%								
U	3351852	0.071	0.079	10.7%	3351877	0.05	0.06	18.2%								
V	3351852	293	284	3%	3351877	129	130	0.4%								
W	3351852	< 1	< 1	0.0%	3351877	< 1	< 1	0.0%								
Y	3351852	14.7	14.9	1.4%	3351877	6.2	6.7	7.8%								
Yb	3351852	1.7	1.7	0.0%	3351877	0.75	0.82	8.9%								
Zn	3351852	294	287	2.7%	3351877	62	59	6.5%								
Zr	3351852	35.3	33.8	4.3%	3351877	13.7	15.3	11.0%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.GTS-2a)				CRM #3 (ref.Till-2)				CRM #4 (ref.Till-2)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.04	95%	80% - 120%	6.94	6.84	99%	80% - 120%					8.47	8.39	99%	80% - 120%
As	26	25	97%	80% - 120%					26	22	86%	80% - 120%				
Ba	540.0	502	93%	80% - 120%									540.0	527	98%	80% - 120%
Be	4.0	4.02	100%	80% - 120%					4.0	3.9	98%	80% - 120%	4.0	4.09	102%	80% - 120%
Ca	0.907	0.903	100%	80% - 120%	4.01	3.99	100%	80% - 120%					0.907	0.929	102%	80% - 120%
Ce	98	99	102%	80% - 120%					98	89	90%	80% - 120%				
Co	15	14	95%	80% - 120%					15	13	87%	80% - 120%				
Cr	74.0	67.3	91%	80% - 120%									74.0	70.4	95%	80% - 120%
Cu	150.0	154	103%	80% - 120%	88.6	83.3	94%	80% - 120%					150.0	158	106%	80% - 120%
Er	3.7	4.1	110%	80% - 120%					3.7	3.6	97%	80% - 120%				
Fe	3.77	3.73	99%	80% - 120%	7.56	7.77	103%	80% - 120%					3.77	3.93	104%	80% - 120%
Hf	11	9	85%	80% - 120%					11	9	84%	80% - 120%				
K	2.55	2.46	96%	80% - 120%	2.02	2.00	99%	80% - 120%					2.55	2.52	99%	80% - 120%
La	44	44	101%	80% - 120%					44	39	89%	80% - 120%				
Li	47.0	54.0	115%	80% - 120%					47	47	100%	80% - 120%	47.0	50.6	108%	80% - 120%
Lu	0.6	0.6	100%	80% - 120%					0.6	0.5	83%	80% - 120%				
Mg	1.1	1.02	93%	80% - 120%	2.41	2.41	100%	80% - 120%					1.1	1.06	97%	80% - 120%
Mn	780.0	790	101%	80% - 120%	1510.0	1490	99%	80% - 120%					780.0	822	105%	80% - 120%
Mo	14	13	94%	80% - 120%					14	12	87%	80% - 120%				
Nb	20	19	96%	80% - 120%					20	16	82%	80% - 120%				
Ni	32.0	34.7	108%	80% - 120%									32.0	36.9	115%	80% - 120%
Pb	31	31	100%	80% - 120%					31	30	95%	80% - 120%				
Rb	144	145	101%	80% - 120%					144	127	88%	80% - 120%				
Sb	0.8	0.8	94%	80% - 120%					0.8	0.8	103%	80% - 120%				
Sc	12.0	11.9	99%	80% - 120%									12.0	12.6	105%	80% - 120%
Si					23.65	23.8	101%	80% - 120%								
Sm	7.4	7.6	103%	80% - 120%					7.4	6.8	93%	80% - 120%				
Sr	144.0	155	107%	80% - 120%									144.0	156	109%	80% - 120%
Ta	1.9	2.1	111%	80% - 120%					1.9	1.8	93%	80% - 120%				
Tb	1.2	1.2	100%	80% - 120%					1.2	1.1	89%	80% - 120%				
Th	18.4	17.7	96%	80% - 120%					18.4	15.6	85%	80% - 120%				

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Ti	0.527	0.513	97%	80% - 120%									0.527	0.521	99%	80% - 120%
U	5.7	5.1	89%	80% - 120%					5.7	4.6	81%	80% - 120%				
V	77.0	74.5	97%	80% - 120%									77.0	81.3	106%	80% - 120%
W	5	5	102%	80% - 120%					5	5	97%	80% - 120%				
Y	40	40	100%	80% - 120%					40	31	77%	80% - 120%				
Zn	130.0	121	93%	80% - 120%									130.0	128	98%	80% - 120%
Zr	390	369	95%	80% - 120%					390	334	86%	80% - 120%				

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O845698

PROJECT: 2021 Surimeau DDH Batch 71

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O845698

PROJECT: 2021 Surimeau DDH Batch 71

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O845698

PROJECT: 2021 Surimeau DDH Batch 71

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Crush-Pass %			BALANCE
Pul-Pass %			BALANCE

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 72

AGAT WORK ORDER: 21O845699

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Jan 31, 2022

PAGES (INCLUDING COVER): 18

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

Disclaimer:

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project Manager if you require additional sample storage time.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
- The test results reported herewith relate only to the samples as received by the laboratory.
- Measurement Uncertainty is not taken into consideration when stating conformity with a specified requirement.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845699

PROJECT: 2021 Surimeau DDH Batch 72

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Jan 31, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
64951 (3352033)	3.100
64952 (3352034)	0.710
64953 (3352035)	2.300
64954 (3352036)	2.350
64955 (3352037)	0.060
64956 (3352038)	3.190
64957 (3352039)	2.430
64958 (3352040)	3.370
64959 (3352041)	3.370
64960 (3352042)	3.180
64961 (3352043)	3.080
64962 (3352044)	-
64963 (3352045)	2.280
64964 (3352046)	1.190
64965 (3352047)	1.340
64966 (3352048)	3.660
64967 (3352049)	3.930
64968 (3352050)	2.340
64969 (3352051)	3.230
64970 (3352052)	2.360
64971 (3352053)	3.630
64972 (3352054)	0.930
64973 (3352055)	1.200
64974 (3352056)	2.240
64975 (3352057)	2.440
64976 (3352058)	0.740
64977 (3352059)	1.400
64978 (3352060)	2.030
64979 (3352061)	3.430

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845699

PROJECT: 2021 Surimeau DDH Batch 72

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Dec 15, 2021	DATE RECEIVED: Dec 16, 2021	DATE REPORTED: Jan 31, 2022	SAMPLE TYPE: Drill Core

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845699

PROJECT: 2021 Surimeau DDH Batch 72

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Jan 31, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
64951 (3352033)	<1	8.59	<5	<20	592	<5	0.2	1.35	0.2	62.4	22.7	0.043	5.3	42
64952 (3352034)	<1	0.25	<5	<20	32.5	<5	<0.1	36.3	<0.2	1.1	1.2	0.010	0.4	<5
64953 (3352035)	<1	8.74	<5	<20	672	<5	0.2	1.15	<0.2	62.8	23.3	0.046	4.6	46
64954 (3352036)	<1	4.39	<5	<20	355	<5	0.3	5.93	0.2	2.5	93.2	0.226	15.8	68
64955 (3352037)	3	1.08	31	39	57.5	<5	0.6	2.49	1.2	11.9	1210	0.023	1.0	14300
64956 (3352038)	1	3.74	<5	<20	358	<5	0.3	12.8	<0.2	2.2	97.0	0.240	11.3	37
64957 (3352039)	<1	3.41	<5	<20	8.8	<5	0.6	5.43	<0.2	1.5	101	0.225	0.9	84
64958 (3352040)	<1	2.10	32	<20	1.9	<5	1.7	5.50	<0.2	1.7	83.9	0.167	0.5	13
64959 (3352041)	<1	1.65	<5	<20	1.3	<5	0.9	7.09	<0.2	2.2	70.8	0.129	1.1	18
64960 (3352042)	<1	3.27	7	<20	1.1	<5	1.9	3.23	<0.2	5.7	104	0.220	0.8	51
64961 (3352043)	<1	3.44	<5	<20	1.1	<5	0.6	3.38	<0.2	5.1	93.9	0.194	1.3	50
64962 (3352044)	<1	3.40	<5	<20	1.2	<5	0.7	3.47	<0.2	4.9	92.6	0.196	0.8	52
64963 (3352045)	<1	3.67	<5	<20	12.5	<5	0.3	5.66	<0.2	4.8	88.7	0.219	1.3	62
64964 (3352046)	<1	5.11	<5	<20	197	<5	0.3	6.51	<0.2	3.3	83.5	0.239	9.2	35
64965 (3352047)	<1	5.13	<5	<20	203	<5	0.2	6.34	<0.2	3.4	84.9	0.247	9.2	36
64966 (3352048)	<1	5.32	<5	<20	140	<5	0.4	7.37	<0.2	2.6	84.8	0.247	7.8	42
64967 (3352049)	<1	4.75	<5	<20	125	<5	0.9	7.44	<0.2	14.0	78.8	0.223	6.4	46
64968 (3352050)	<1	4.70	<5	<20	369	<5	1.1	6.39	0.2	3.9	74.1	0.218	22.0	36
64969 (3352051)	<1	3.63	<5	<20	502	<5	0.7	5.97	0.3	2.7	79.5	0.212	23.7	47
64970 (3352052)	<1	3.20	<5	<20	794	<5	0.8	6.28	0.4	12.0	73.7	0.187	20.3	<5
64971 (3352053)	<1	3.62	<5	<20	713	<5	0.7	5.77	0.5	8.2	80.7	0.199	23.6	55
64972 (3352054)	<1	0.27	<5	<20	26.5	<5	<0.1	34.6	<0.2	1.0	1.2	0.010	0.4	<5
64973 (3352055)	<1	8.72	<5	<20	127	<5	1.2	1.21	38.7	49.8	98.2	0.040	1.8	382
64974 (3352056)	<1	8.69	<5	<20	194	<5	0.2	0.98	0.3	55.3	22.9	0.036	3.7	149
64975 (3352057)	1	8.18	<5	<20	229	<5	0.3	1.52	0.5	49.7	27.4	0.037	1.9	684
64976 (3352058)	5	8.29	<5	<20	213	<5	1.3	2.09	5.9	45.9	119	0.034	0.5	5140
64977 (3352059)	<1	7.21	<5	<20	403	<5	0.5	3.25	0.6	24.0	118	0.296	3.2	287
64978 (3352060)	<1	5.94	7	<20	75.9	<5	<0.1	4.91	<0.2	12.5	126	0.341	2.5	68
64979 (3352061)	<1	5.73	25	<20	61.2	<5	0.2	3.98	<0.2	4.1	159	0.401	3.0	86

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845699

PROJECT: 2021 Surimeau DDH Batch 72

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Jan 31, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
64951 (3352033)	2.53	1.40	1.35	4.24	23.4	4.08	<1	4	0.45	<0.2	2.03	30.4	40	0.20
64952 (3352034)	0.28	0.19	0.05	0.14	2.07	0.32	<1	<1	0.06	<0.2	0.06	1.3	<10	<0.05
64953 (3352035)	2.94	1.48	1.42	4.30	23.8	4.49	<1	4	0.51	<0.2	2.19	30.7	40	0.22
64954 (3352036)	1.86	1.19	0.50	8.72	11.1	1.53	1	<1	0.38	<0.2	1.79	0.9	77	0.15
64955 (3352037)	1.04	0.60	0.28	34.3	5.26	1.23	2	<1	0.19	<0.2	0.13	6.0	<10	0.08
64956 (3352038)	1.56	1.01	0.45	7.23	12.2	1.39	2	<1	0.32	<0.2	1.47	0.8	70	0.13
64957 (3352039)	1.22	0.75	0.18	7.10	11.1	1.00	2	<1	0.26	<0.2	0.06	0.5	<10	0.10
64958 (3352040)	1.08	0.72	0.21	6.13	8.12	1.02	1	<1	0.24	<0.2	<0.05	0.6	<10	0.10
64959 (3352041)	1.35	0.81	0.39	5.77	5.75	1.16	<1	<1	0.28	<0.2	<0.05	0.8	<10	0.11
64960 (3352042)	1.08	0.72	0.23	6.94	10.6	1.14	2	<1	0.23	<0.2	<0.05	2.5	<10	0.09
64961 (3352043)	1.18	0.78	0.20	7.25	9.96	1.17	2	<1	0.25	<0.2	<0.05	2.1	<10	0.11
64962 (3352044)	1.17	0.78	0.22	7.27	10.1	1.20	2	<1	0.25	<0.2	<0.05	1.9	<10	0.11
64963 (3352045)	1.49	0.97	0.35	7.49	10.3	1.36	2	<1	0.30	<0.2	0.08	2.0	<10	0.13
64964 (3352046)	2.12	1.29	0.64	9.00	12.3	1.82	1	<1	0.44	<0.2	0.97	1.1	44	0.17
64965 (3352047)	2.13	1.35	0.62	9.05	12.0	1.75	1	<1	0.45	<0.2	1.00	1.2	45	0.18
64966 (3352048)	2.16	1.42	0.52	9.14	12.9	1.78	1	<1	0.46	<0.2	0.82	0.9	40	0.19
64967 (3352049)	2.45	1.37	0.65	8.40	14.0	2.75	2	1	0.46	<0.2	0.71	5.3	32	0.19
64968 (3352050)	1.74	1.14	0.50	7.81	13.1	1.40	2	<1	0.35	<0.2	2.25	1.6	88	0.15
64969 (3352051)	1.44	0.90	0.35	7.33	11.7	1.13	3	<1	0.26	<0.2	2.46	1.1	86	0.11
64970 (3352052)	1.62	0.93	0.58	6.77	13.9	1.93	3	<1	0.31	<0.2	2.27	5.1	90	0.12
64971 (3352053)	1.73	1.04	0.62	7.43	15.6	1.80	3	<1	0.34	<0.2	2.67	3.3	118	0.16
64972 (3352054)	0.21	0.17	<0.05	0.15	1.66	0.27	1	<1	0.05	<0.2	0.18	1.2	<10	<0.05
64973 (3352055)	4.15	2.45	1.98	6.24	27.4	5.16	1	4	0.74	5.3	0.24	22.3	<10	0.37
64974 (3352056)	2.69	1.50	1.34	3.72	24.3	3.96	2	4	0.51	<0.2	0.51	26.0	18	0.20
64975 (3352057)	2.65	1.55	1.21	3.99	22.4	3.75	3	3	0.51	<0.2	0.47	23.2	16	0.21
64976 (3352058)	7.22	4.74	1.82	9.40	23.6	7.73	2	5	1.51	0.4	0.23	19.5	10	0.74
64977 (3352059)	3.06	1.75	0.98	7.79	20.1	2.97	4	2	0.58	<0.2	1.06	12.1	47	0.24
64978 (3352060)	2.67	1.77	0.96	7.60	15.4	2.52	4	<1	0.55	<0.2	0.34	5.8	25	0.25
64979 (3352061)	2.55	1.64	0.54	7.44	17.0	2.13	4	<1	0.54	<0.2	0.40	1.5	28	0.21

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845699

PROJECT: 2021 Surimeau DDH Batch 72

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Jan 31, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
64951 (3352033)	1.77	528	<2	6	28.1	87	0.06	12	6.99	87.1	0.22	0.3	14	31.4
64952 (3352034)	1.37	116	<2	<1	1.1	5	<0.01	<5	0.23	1.6	0.68	0.5	<5	4.33
64953 (3352035)	1.81	513	2	6	29.4	97	0.06	17	7.17	82.2	0.18	0.4	16	29.6
64954 (3352036)	12.6	1690	<2	<1	2.6	907	0.01	<5	0.45	85.7	0.37	0.5	29	19.4
64955 (3352037)	1.83	583	3	1	5.6	21300	<0.01	42	1.36	4.9	21.9	0.8	7	7.20
64956 (3352038)	9.53	2000	<2	<1	2.4	1050	<0.01	7	0.39	71.3	0.27	0.1	26	16.6
64957 (3352039)	15.6	1210	<2	<1	1.6	1430	<0.01	<5	0.27	2.5	0.50	0.3	21	20.0
64958 (3352040)	16.7	1230	<2	<1	1.7	1380	0.01	<5	0.30	0.9	0.18	0.3	14	18.5
64959 (3352041)	16.1	1320	<2	<1	1.9	1080	<0.01	<5	0.38	1.0	0.19	0.4	12	15.9
64960 (3352042)	17.7	1080	<2	<1	3.9	1720	0.01	<5	0.77	1.0	0.21	0.4	19	19.8
64961 (3352043)	15.9	1050	<2	<1	3.4	1370	<0.01	<5	0.73	1.8	0.37	0.8	20	21.1
64962 (3352044)	16.1	1070	<2	<1	3.3	1360	<0.01	<5	0.69	1.5	0.37	0.6	20	21.2
64963 (3352045)	14.1	1140	<2	<1	3.4	1080	<0.01	<5	0.65	3.4	0.77	0.5	23	21.4
64964 (3352046)	11.9	1660	<2	<1	3.1	624	0.01	<5	0.54	45.5	0.25	0.6	32	19.3
64965 (3352047)	12.1	1630	<2	<1	3.4	628	0.01	<5	0.55	45.7	0.29	0.6	32	19.5
64966 (3352048)	11.1	1630	<2	<1	2.9	562	0.01	<5	0.44	37.6	0.23	0.7	34	20.0
64967 (3352049)	11.0	1610	<2	1	9.4	682	0.03	<5	1.97	30.8	0.27	0.8	30	21.2
64968 (3352050)	10.9	1420	<2	1	2.9	620	<0.01	<5	0.57	102	0.43	0.7	27	20.4
64969 (3352051)	12.6	1200	<2	<1	2.1	969	<0.01	<5	0.41	117	0.43	0.5	23	22.3
64970 (3352052)	12.2	1230	<2	2	7.4	1090	0.02	<5	1.63	107	0.16	0.5	21	23.6
64971 (3352053)	12.1	1650	<2	1	5.7	983	<0.01	<5	1.18	124	0.35	0.5	23	24.1
64972 (3352054)	1.36	94	<2	<1	1.1	6	<0.01	<5	0.24	5.2	0.65	0.5	<5	4.95
64973 (3352055)	1.22	573	29	6	25.4	499	0.06	13	6.09	9.9	4.78	0.5	17	27.9
64974 (3352056)	1.69	588	4	6	24.9	94	0.05	14	6.11	23.6	1.18	0.3	15	30.0
64975 (3352057)	1.65	522	3	6	22.8	129	0.06	21	5.76	24.5	1.83	0.4	14	29.4
64976 (3352058)	0.75	283	30	7	27.1	674	0.06	36	5.85	8.8	5.84	0.3	20	25.4
64977 (3352059)	3.08	1170	<2	3	11.7	1310	0.03	17	2.73	51.7	3.79	0.4	32	26.3
64978 (3352060)	4.60	2290	3	2	6.9	1350	0.11	6	1.54	12.1	0.43	0.5	34	26.8
64979 (3352061)	4.62	2470	<2	<1	3.7	2180	<0.01	6	0.65	14.3	0.37	0.2	38	27.5

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845699

PROJECT: 2021 Surimeau DDH Batch 72

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Jan 31, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
64951 (3352033)	4.9	1	319	<0.5	0.50	7.3	0.34	<0.5	0.19	2.24	100	1	12.6	1.3
64952 (3352034)	0.2	<1	80.4	<0.5	0.05	<0.1	<0.01	<0.5	<0.05	0.68	<5	<1	2.3	0.2
64953 (3352035)	5.2	2	249	<0.5	0.51	7.5	0.34	<0.5	0.21	2.30	109	<1	13.0	1.5
64954 (3352036)	1.0	1	116	<0.5	0.29	<0.1	0.26	0.8	0.16	<0.05	160	<1	9.5	1.1
64955 (3352037)	1.2	2	34.9	<0.5	0.17	0.9	0.11	<0.5	0.07	0.22	61	4	4.9	0.6
64956 (3352038)	0.9	<1	356	<0.5	0.23	<0.1	0.22	0.7	0.14	<0.05	139	<1	8.8	1.0
64957 (3352039)	0.6	1	107	<0.5	0.16	<0.1	0.18	<0.5	0.11	<0.05	121	<1	6.4	0.7
64958 (3352040)	0.6	<1	271	<0.5	0.19	<0.1	0.12	<0.5	0.10	<0.05	70	<1	6.4	0.7
64959 (3352041)	0.8	<1	405	<0.5	0.18	<0.1	0.09	<0.5	0.11	<0.05	63	<1	7.3	0.8
64960 (3352042)	1.0	<1	150	<0.5	0.16	0.3	0.19	<0.5	0.10	0.10	113	<1	5.9	0.7
64961 (3352043)	0.9	1	53.7	<0.5	0.17	0.3	0.19	<0.5	0.10	0.12	108	<1	6.1	0.7
64962 (3352044)	1.0	<1	57.9	<0.5	0.19	0.3	0.19	<0.5	0.10	0.15	106	<1	6.2	0.7
64963 (3352045)	1.0	1	34.8	<0.5	0.26	0.2	0.20	<0.5	0.12	0.09	119	<1	7.7	0.9
64964 (3352046)	1.2	2	99.3	<0.5	0.31	<0.1	0.29	<0.5	0.18	<0.05	185	<1	11.0	1.3
64965 (3352047)	1.2	1	91.6	<0.5	0.31	<0.1	0.29	<0.5	0.17	<0.05	185	<1	10.7	1.2
64966 (3352048)	1.3	1	112	<0.5	0.32	<0.1	0.30	<0.5	0.18	<0.05	195	<1	11.1	1.3
64967 (3352049)	2.3	3	79.8	<0.5	0.37	0.9	0.30	<0.5	0.19	0.21	179	<1	11.7	1.3
64968 (3352050)	1.1	2	84.0	<0.5	0.25	<0.1	0.24	0.9	0.15	0.09	159	<1	8.9	1.0
64969 (3352051)	0.7	2	49.7	<0.5	0.20	0.1	0.19	1.1	0.11	0.10	120	<1	6.9	0.8
64970 (3352052)	1.7	2	43.8	<0.5	0.28	0.8	0.18	1.0	0.12	0.26	128	<1	8.0	0.9
64971 (3352053)	1.6	5	45.8	<0.5	0.26	0.3	0.20	1.3	0.15	0.15	141	<1	8.7	1.0
64972 (3352054)	0.2	<1	78.0	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.13	<5	<1	2.1	0.1
64973 (3352055)	5.3	5	270	<0.5	0.73	5.4	0.37	<0.5	0.32	2.61	97	<1	19.4	2.4
64974 (3352056)	4.4	4	144	<0.5	0.50	6.8	0.35	<0.5	0.21	2.14	102	<1	13.0	1.4
64975 (3352057)	4.1	4	129	<0.5	0.49	6.4	0.32	0.6	0.22	1.95	96	<1	13.3	1.5
64976 (3352058)	6.9	8	124	0.6	1.20	3.5	0.41	<0.5	0.70	1.14	75	<1	39.5	5.0
64977 (3352059)	2.6	5	107	<0.5	0.51	2.2	0.35	1.5	0.25	0.68	188	<1	15.0	1.8
64978 (3352060)	1.8	2	89.3	<0.5	0.37	0.7	0.32	<0.5	0.25	0.58	214	<1	14.5	1.7
64979 (3352061)	1.5	<1	75.6	<0.5	0.34	0.1	0.32	<0.5	0.22	0.06	207	<1	13.0	1.6

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845699

PROJECT: 2021 Surimeau DDH Batch 72

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Jan 31, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
64951 (3352033)	103	141
64952 (3352034)	<5	2.9
64953 (3352035)	102	135
64954 (3352036)	83	21.1
64955 (3352037)	94	34.0
64956 (3352038)	64	18.0
64957 (3352039)	92	16.5
64958 (3352040)	64	8.9
64959 (3352041)	51	8.6
64960 (3352042)	71	22.7
64961 (3352043)	60	21.3
64962 (3352044)	60	23.1
64963 (3352045)	72	23.3
64964 (3352046)	88	26.2
64965 (3352047)	93	25.4
64966 (3352048)	76	28.3
64967 (3352049)	95	39.9
64968 (3352050)	82	22.0
64969 (3352051)	63	19.1
64970 (3352052)	155	28.5
64971 (3352053)	274	22.5
64972 (3352054)	<5	1.9
64973 (3352055)	18100	157
64974 (3352056)	253	140
64975 (3352057)	300	126
64976 (3352058)	2340	208
64977 (3352059)	426	71.6
64978 (3352060)	121	33.9
64979 (3352061)	99	31.4

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845699

PROJECT: 2021 Surimeau DDH Batch 72

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 15, 2021	DATE RECEIVED: Dec 16, 2021	DATE REPORTED: Jan 31, 2022	SAMPLE TYPE: Drill Core

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845699

PROJECT: 2021 Surimeau DDH Batch 72

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Jan 31, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Crush-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
64951 (3352033)	79.18
64970 (3352052)	78.80

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 21O845699

PROJECT: 2021 Surimeau DDH Batch 72

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Dec 15, 2021 | DATE RECEIVED: Dec 16, 2021 | DATE REPORTED: Jan 31, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Pul-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
64951 (3352033)	85.25
64970 (3352052)	87.19

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 21O845699

PROJECT: 2021 Surimeau DDH Batch 72

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3							
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	3352033	<1	<1	0.0%	3352047	<1	<1	0.0%	3352058	5	4	6.0%				
Al	3352033	8.59	8.63	0.5%	3352058	8.29	7.96	4.1%								
As	3352033	< 5	< 5	0.0%	3352047	< 5	< 5	0.0%	3352058	< 5	< 5	0.0%				
B	3352033	<20	<20	0.0%	3352058	<20	<20	0.0%								
Ba	3352033	592	571	3.6%	3352058	213	218	2.0%	3352058	229	244	6.3%				
Be	3352033	<5	<5	0.0%	3352047	<5	<5	0.0%	3352058	<5	<5	0.0%				
Bi	3352033	0.2	0.2	5.8%	3352047	0.2	0.3	8.6%	3352058	1.3	1.4	6.1%				
Ca	3352033	1.35	1.40	3.1%	3352058	2.09	2.05	2.3%								
Cd	3352033	0.2	0.2	1.0%	3352047	<0.2	<0.2	0.0%	3352058	5.9	5.8	1.5%				
Ce	3352033	62.4	64.4	3.2%	3352047	3.4	3.6	4.2%	3352058	45.9	46.8	2.0%				
Co	3352033	22.7	22.1	2.6%	3352047	84.9	84.2	0.8%	3352058	119	128	7.2%				
Cr	3352033	0.043	0.043	1.0%	3352058	0.034	0.035	3.7%								
Cs	3352033	5.3	5.0	6.0%	3352047	9.2	9.1	1.7%	3352058	0.5	0.6	18.8%				
Cu	3352033	42	45	6.5%	3352058	5140	4690	9.2%								
Dy	3352033	2.53	2.67	5.4%	3352047	2.13	2.16	1.4%	3352058	7.22	7.99	10.1%				
Er	3352033	1.40	1.48	5.6%	3352047	1.35	1.40	3.6%	3352058	4.74	5.46	14.1%				
Eu	3352033	1.35	1.38	2.2%	3352047	0.621	0.629	1.3%	3352058	1.82	2.04	11.4%				
Fe	3352033	4.24	4.20	0.9%	3352058	9.40	9.58	2.0%								
Ga	3352033	23.4	22.6	3.3%	3352047	12.0	12.6	4.9%	3352058	23.6	22.6	4.5%				
Gd	3352033	4.08	4.22	3.4%	3352047	1.75	1.77	1.1%	3352058	7.73	8.30	7.1%				
Ge	3352033	<1	<1	0.0%	3352047	1	1	1.7%	3352058	2	2	8.6%				
Hf	3352033	4	4	5.6%	3352047	<1	<1	0.0%	3352058	5	6	10.5%				
Ho	3352033	0.454	0.482	6.0%	3352047	0.451	0.431	4.5%	3352058	1.51	1.62	7.0%				
In	3352033	<0.2	<0.2	0.0%	3352047	<0.2	<0.2	0.0%	3352058	0.4	0.4	0.1%				
K	3352033	2.03	2.01	1.2%	3352058	0.23	0.23	1.4%								
La	3352033	30.4	31.7	4.0%	3352047	1.2	1.3	4.3%	3352058	19.5	20.0	2.9%				
Li	3352033	40	40	1.0%	3352058	10	11	1.7%								
Lu	3352033	0.20	0.18	10.5%	3352047	0.18	0.19	5.4%	3352058	0.740	0.788	6.3%				
Mg	3352033	1.77	1.71	3.2%	3352058	0.75	0.77	3.5%								
Mn	3352033	528	513	3.0%	3352058	283	284	0.3%								
Mo	3352033	<2	<2	0.0%	3352047	<2	<2	0.0%	3352058	30	27	12.3%				

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Nb	3352033	6	6	1.3%	3352047	<1	<1	0.0%	3352058	7	8	8.5%				
Nd	3352033	28.1	28.9	2.7%	3352047	3.4	3.3	3.5%	3352058	27.1	29.0	6.8%				
Ni	3352033	87	87	0.9%	3352058	674	715	5.9%								
P	3352033	0.06	0.06	4.1%	3352058	0.06	0.07	5.3%								
Pb	3352033	12	15	20.2%	3352047	<5	<5	0.0%	3352058	36	35	2.8%				
Pr	3352033	6.99	7.16	2.3%	3352047	0.55	0.57	4.9%	3352058	5.85	6.19	5.7%				
Rb	3352033	87.1	83.1	4.7%	3352047	45.7	45.3	0.9%	3352058	8.8	8.6	2.5%				
S	3352033	0.22	0.22	2.6%	3352058	5.84	6.16	5.3%								
Sb	3352033	0.3	0.5	33.5%	3352047	0.6	0.5	32.8%	3352058	0.3	0.3	11.1%				
Sc	3352033	14	14	2.6%	3352058	20	21	7.2%								
Si	3352033	31.4	31.3	0.3%	3352058	25.4	24.2	5.1%								
Sm	3352033	4.9	5.0	2.3%	3352047	1.2	1.3	5.0%	3352058	6.9	7.3	5.9%				
Sn	3352033	1	2	10.2%	3352047	1	2	17.8%	3352058	8	8	1.2%				
Sr	3352033	319	327	2.5%	3352058	124	120	3.6%								
Ta	3352033	<0.5	<0.5	0.0%	3352047	<0.5	<0.5	0.0%	3352058	0.6	0.6	9.0%				
Tb	3352033	0.50	0.45	10.5%	3352047	0.31	0.31	0.0%	3352058	1.20	1.28	6.5%				
Th	3352033	7.3	7.4	2.4%	3352047	<0.1	<0.1	0.0%	3352058	3.5	3.6	3.0%				
Ti	3352033	0.34	0.33	1.0%	3352058	0.41	0.42	0.6%								
Tl	3352033	<0.5	<0.5	0.0%	3352047	<0.5	<0.5	0.0%	3352058	<0.5	<0.5	0.0%				
Tm	3352033	0.19	0.21	10.0%	3352047	0.173	0.189	8.8%	3352058	0.700	0.766	9.0%				
U	3352033	2.24	2.29	2.5%	3352047	<0.05	<0.05	0.0%	3352058	1.14	1.18	3.8%				
V	3352033	100	97	3.0%	3352058	75	80	6.6%								
W	3352033	1	<1	0.0%	3352047	<1	<1	0.0%	3352058	<1	<1	0.0%				
Y	3352033	12.6	12.7	0.9%	3352047	10.7	10.9	1.8%	3352058	39.5	41.6	5.3%				
Yb	3352033	1.33	1.38	3.7%	3352047	1.2	1.3	7.7%	3352058	5.0	5.5	9.9%				
Zn	3352033	103	100	3.1%	3352058	2340	2250	3.9%								
Zr	3352033	141	149	5.3%	3352047	25.4	26.9	5.9%	3352058	208	220	5.6%				

AGAT Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21O845699

PROJECT: 2021 Surimeau DDH Batch 72

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.CGL-015)				CRM #2 (ref.Till-2)											
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Al	13.0	13.5	104%	80% - 120%	8.47	8.43	100%	80% - 120%								
As					26	26	102%	80% - 120%								
Ba	1310.0	1280	98%	80% - 120%	540.0	513	95%	80% - 120%								
Be					4.0	4.0	101%	80% - 120%								
Ca	1.42	1.48	104%	80% - 120%	0.907	0.932	103%	80% - 120%								
Ce	58.24	66	113%	80% - 120%	98.0	113	115%	80% - 120%								
Co					15.0	14	94%	80% - 120%								
Cr	25.6	30.5	119%	80% - 120%	74.0	81.2	110%	80% - 120%								
Cs					12.0	12	102%	80% - 120%								
Cu	6.4	5.48	86%	80% - 120%	150.0	152	102%	80% - 120%								
Er					3.7	4.4	119%	80% - 120%								
Fe	3.27	3.47	106%	80% - 120%	3.77	3.94	104%	80% - 120%								
Ga	22.6	23.8	105%	80% - 120%												
Hf					11.0	10	92%	80% - 120%								
K	3.68	3.85	105%	80% - 120%	2.55	2.54	99%	80% - 120%								
La	27.48	30.8	112%	80% - 120%	44.0	49.9	113%	80% - 120%								
Li	65.0	73.2	113%	80% - 120%	47.0	50.1	107%	80% - 120%								
Lu					0.6	0.6	98%	80% - 120%								
Mg					1.1	1.07	97%	80% - 120%								
Mn					780.0	819	105%	80% - 120%								
Mo					14.0	15	105%	80% - 120%								
Nb	22.63	25	109%	80% - 120%	20.0	19	97%	80% - 120%								
Nd	27.3	30.5	112%	80% - 120%												
Ni					32.0	38.9	122%	80% - 120%								
P	0.061	0.060	98%	80% - 120%												
Pb	7.0	9	127%	80% - 120%	31.0	35	113%	80% - 120%								
Rb	85.36	100	117%	80% - 120%	143.0	155	108%	80% - 120%								
Sb					0.8	1.1	138%	80% - 120%								
Sc					12.0	12.0	100%	80% - 120%								
Si	24.4	25.9	106%	80% - 120%												
Sm					7.4	9	122%	80% - 120%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sr	310.0	335	108%	80% - 120%	144.0	157	109%	80% - 120%								
Ta					1.9	2	103%	80% - 120%								
Tb					1.2	1.2	103%	80% - 120%								
Th					18.4	20	109%	80% - 120%								
Ti	0.222	0.220	99%	80% - 120%	0.527	0.521	99%	80% - 120%								
U					5.7	6	99%	80% - 120%								
V					77.0	75.1	98%	80% - 120%								
W					5.0	5.6	112%	80% - 120%								
Y	25.32	25.6	101%	80% - 120%	40.0	37.1	93%	80% - 120%								
Yb	2.66	3.08	116%	80% - 120%												
Zn	75.42	79.0	105%	80% - 120%	130.0	122	94%	80% - 120%								
Zr	157	170	108%	80% - 120%	390	393	101%	80% - 120%								

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O845699

PROJECT: 2021 Surimeau DDH Batch 72

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED
AGAT WORK ORDER: 21O845699
PROJECT: 2021 Surimeau DDH Batch 72
ATTENTION TO: Francis Newton
SAMPLING SITE:
SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 21O845699

PROJECT: 2021 Surimeau DDH Batch 72

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Crush-Pass %			BALANCE
Pul-Pass %			BALANCE

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 72

AGAT WORK ORDER: 22O852499

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Mar 11, 2022

PAGES (INCLUDING COVER): 16

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

Disclaimer:

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project Manager if you require additional sample storage time.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
- The test results reported herewith relate only to the samples as received by the laboratory.
- Measurement Uncertainty is not taken into consideration when stating conformity with a specified requirement.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852499

PROJECT: 2021 Surimeau DDH Batch 72

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 11, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
64980 (3416302)	2.880
64981 (3416303)	4.100
64982 (3416304)	4.320
64983 (3416305)	4.250
64984 (3416306)	3.950
64985 (3416307)	4.040
64986 (3416308)	4.240
64987 (3416309)	4.330
64988 (3416310)	3.360
64989 (3416311)	1.320
64990 (3416312)	2.680
64991 (3416313)	2.840
64992 c-dup (3416314)	-
64993 (3416315)	2.630
64994 (3416316)	1.460
64995 c-dup (3416317)	-
64996 (3416318)	3.830
64997 (3416319)	2.750
64998 (3416320)	2.050
64999 (3416321)	2.660
65000 (3416322)	2.900

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852499

PROJECT: 2021 Surimeau DDH Batch 72

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 11, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
64980 (3416302)	<1	6.11	<5	<20	70.5	<5	<0.1	6.61	<0.2	3.6	126	0.419	0.9	92
64981 (3416303)	<1	5.65	<5	<20	39.4	<5	0.1	6.75	<0.2	3.6	156	0.484	0.4	113
64982 (3416304)	<1	5.97	<5	<20	23.3	<5	0.6	5.33	<0.2	3.9	178	0.462	<0.1	86
64983 (3416305)	<1	5.95	<5	<20	25.5	<5	0.8	6.86	<0.2	4.1	191	0.452	0.4	74
64984 (3416306)	<1	6.51	<5	<20	50.4	<5	0.7	6.21	<0.2	3.6	163	0.453	0.1	94
64985 (3416307)	<1	3.94	<5	<20	42.9	<5	0.4	3.80	<0.2	2.4	111	0.261	<0.1	49
64986 (3416308)	<1	6.21	<5	<20	151	<5	0.3	7.18	<0.2	3.6	143	0.288	0.6	31
64987 (3416309)	<1	6.20	<5	<20	106	<5	0.5	7.07	<0.2	3.5	133	0.314	0.1	54
64988 (3416310)	<1	6.58	<5	<20	118	<5	0.8	6.31	<0.2	3.6	152	0.455	0.5	87
64989 (3416311)	1	6.64	<5	<20	150	<5	0.6	6.40	<0.2	5.8	158	0.332	<0.1	1480
64990 (3416312)	<1	5.46	<5	<20	159	<5	1.2	5.82	0.2	9.8	208	0.316	0.3	1450
64991 (3416313)	<1	7.62	<5	<20	410	<5	0.8	1.68	24.0	69.5	155	0.023	1.2	983
64992 c-dup (3416314)	<1	7.61	<5	<20	379	<5	1.0	1.49	25.3	66.6	148	0.024	1.0	849
64993 (3416315)	<1	8.49	<5	<20	322	<5	0.2	3.20	<0.2	64.2	28.6	0.036	0.4	243
64994 (3416316)	2	6.74	<5	<20	238	<5	1.6	3.34	26.8	38.3	287	0.045	0.4	1590
64995 c-dup (3416317)	1	6.79	<5	<20	223	<5	1.5	3.16	28.5	36.9	294	0.034	0.3	1940
64996 (3416318)	<1	5.68	<5	<20	120	<5	1.1	6.30	0.2	4.4	241	0.399	0.2	346
64997 (3416319)	<1	6.31	<5	<20	182	<5	0.8	6.39	<0.2	3.5	180	0.439	0.8	78
64998 (3416320)	<1	6.30	<5	<20	440	<5	0.8	5.66	<0.2	3.9	180	0.423	2.7	666
64999 (3416321)	<1	7.09	<5	<20	138	<5	1.0	2.33	56.0	46.8	219	0.023	0.3	1020
65000 (3416322)	5	7.36	<5	<20	168	<5	13.8	0.84	54.1	57.4	190	0.014	0.7	2120

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852499

PROJECT: 2021 Surimeau DDH Batch 72

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 11, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
64980 (3416302)	2.86	1.76	0.64	8.87	13.0	1.93	3	<1	0.55	<0.2	0.19	1.4	21	0.32
64981 (3416303)	2.86	1.81	0.63	9.26	12.3	2.35	3	<1	0.61	<0.2	0.15	1.4	19	0.29
64982 (3416304)	2.51	1.71	0.56	6.82	12.4	2.27	2	<1	0.58	<0.2	0.07	1.5	11	0.25
64983 (3416305)	2.64	1.65	0.62	7.02	12.1	2.19	2	<1	0.59	<0.2	0.10	1.6	12	0.29
64984 (3416306)	2.60	1.64	0.54	8.07	14.0	2.29	2	<1	0.59	<0.2	0.12	1.4	<10	0.28
64985 (3416307)	1.62	1.01	0.40	4.62	8.80	1.31	1	<1	0.37	<0.2	0.09	0.9	<10	0.14
64986 (3416308)	2.46	1.81	0.55	9.54	14.7	2.11	3	<1	0.55	<0.2	0.33	1.2	26	0.24
64987 (3416309)	2.68	1.63	0.62	8.33	14.4	1.98	3	<1	0.54	<0.2	0.21	1.4	14	0.26
64988 (3416310)	2.94	1.81	0.59	9.38	16.5	2.22	3	<1	0.63	<0.2	0.27	1.3	17	0.28
64989 (3416311)	2.56	1.62	0.76	9.31	14.3	2.23	2	<1	0.53	<0.2	0.14	2.7	19	0.23
64990 (3416312)	2.63	1.70	0.83	15.9	16.2	2.16	3	<1	0.50	0.6	0.25	5.0	16	0.24
64991 (3416313)	4.04	2.39	1.70	10.9	22.8	5.04	1	4	0.85	5.0	0.41	32.5	22	0.33
64992 c-dup (3416314)	3.99	2.29	1.72	9.99	21.9	4.84	1	4	0.84	5.6	0.36	31.1	20	0.32
64993 (3416315)	2.68	1.52	1.43	4.07	19.8	4.09	2	4	0.56	<0.2	0.34	30.2	14	0.23
64994 (3416316)	4.78	3.35	1.68	16.7	15.2	4.51	2	4	1.14	2.7	0.22	16.5	13	0.50
64995 c-dup (3416317)	4.87	3.38	1.90	17.5	16.1	4.50	2	4	1.09	2.8	0.19	16.4	11	0.54
64996 (3416318)	2.39	1.56	0.60	14.5	16.6	1.82	3	<1	0.46	0.3	0.31	2.0	16	0.22
64997 (3416319)	2.54	1.59	0.68	9.25	15.5	1.81	4	<1	0.50	<0.2	0.38	1.4	25	0.25
64998 (3416320)	2.51	1.61	0.58	10.2	15.0	1.89	4	1	0.52	<0.2	0.65	1.6	45	0.25
64999 (3416321)	4.99	2.93	2.89	12.1	23.3	5.24	2	4	1.01	8.7	0.09	20.9	<10	0.48
65000 (3416322)	3.99	2.32	2.85	11.1	31.4	4.53	2	4	0.77	12.3	0.16	27.2	<10	0.36

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852499

PROJECT: 2021 Surimeau DDH Batch 72

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 11, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
64980 (3416302)	5.08	3130	<2	<1	3.5	1680	<0.01	<5	0.57	4.9	0.23	0.3	40	26.1
64981 (3416303)	4.71	3200	<2	<1	3.5	2210	<0.01	<5	0.62	1.6	0.33	<0.1	46	26.1
64982 (3416304)	3.89	2290	<2	<1	3.2	2260	0.02	<5	0.64	0.9	0.32	0.2	40	27.9
64983 (3416305)	4.60	2640	<2	1	3.2	2320	<0.01	9	0.58	2.1	0.34	0.1	42	25.8
64984 (3416306)	4.39	2580	<2	1	3.4	2050	0.01	9	0.65	1.1	0.41	<0.1	44	25.2
64985 (3416307)	2.52	1470	<2	<1	2.0	1130	<0.01	8	0.33	1.9	0.21	0.1	25	16.3
64986 (3416308)	5.73	2670	<2	<1	3.2	1020	0.01	13	0.57	9.4	0.24	0.1	40	24.2
64987 (3416309)	4.91	2740	<2	<1	3.1	1300	0.01	13	0.58	2.5	0.32	<0.1	40	24.8
64988 (3416310)	4.52	4370	<2	1	3.2	2070	<0.01	13	0.62	3.2	0.66	<0.1	45	24.0
64989 (3416311)	2.42	3710	<2	3	4.1	2170	0.03	15	0.82	1.8	2.73	<0.1	28	25.5
64990 (3416312)	3.62	4440	<2	1	5.2	1950	<0.01	11	1.17	5.6	5.76	<0.1	32	22.5
64991 (3416313)	1.25	992	<2	7	30.8	955	0.03	13	7.94	21.9	5.84	<0.1	16	24.7
64992 c-dup (3416314)	1.11	915	<2	7	30.1	881	0.03	13	7.54	20.1	5.49	<0.1	15	24.7
64993 (3416315)	2.10	1130	<2	6	28.3	80	0.04	16	7.13	10.1	0.69	<0.1	16	29.5
64994 (3416316)	0.84	1720	<2	5	19.5	1910	0.05	18	4.58	7.6	9.34	<0.1	22	21.6
64995 c-dup (3416317)	0.80	1560	<2	5	18.6	2010	0.05	18	4.44	5.1	10.2	0.1	19	21.8
64996 (3416318)	4.24	4880	<2	2	3.2	2870	0.01	12	0.62	3.1	4.05	<0.1	34	21.6
64997 (3416319)	5.13	4460	<2	1	3.1	2320	<0.01	11	0.58	10.8	0.61	<0.1	39	23.8
64998 (3416320)	4.69	3960	<2	<1	3.6	1990	<0.01	14	0.62	37.0	2.21	<0.1	44	23.0
64999 (3416321)	0.54	900	<2	5	24.9	1210	0.05	21	5.94	4.1	8.05	0.2	15	23.0
65000 (3416322)	0.68	788	25	4	28.3	1030	0.05	416	6.97	9.4	7.60	0.4	20	24.4

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852499

PROJECT: 2021 Surimeau DDH Batch 72

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 11, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
64980 (3416302)	1.2	<1	53.1	<0.5	0.39	0.1	0.34	<0.5	0.27	<0.05	237	<1	15.1	1.7
64981 (3416303)	1.3	<1	38.6	<0.5	0.38	0.1	0.38	<0.5	0.25	<0.05	248	<1	14.2	1.8
64982 (3416304)	1.4	<1	47.5	<0.5	0.41	0.1	0.33	<0.5	0.26	<0.05	219	<1	14.9	1.6
64983 (3416305)	1.5	<1	59.0	<0.5	0.37	<0.1	0.33	<0.5	0.25	0.10	222	<1	14.3	1.7
64984 (3416306)	1.5	<1	120	<0.5	0.42	<0.1	0.35	<0.5	0.23	0.25	234	<1	14.9	1.8
64985 (3416307)	0.7	<1	79.0	<0.5	0.24	<0.1	0.21	<0.5	0.14	0.13	131	<1	8.9	1.0
64986 (3416308)	1.2	<1	117	<0.5	0.37	0.1	0.35	<0.5	0.25	0.05	236	<1	13.4	1.6
64987 (3416309)	1.2	<1	148	<0.5	0.39	<0.1	0.35	<0.5	0.23	0.12	236	<1	13.9	1.5
64988 (3416310)	1.3	2	222	<0.5	0.39	0.1	0.36	<0.5	0.26	0.24	255	<1	16.3	1.7
64989 (3416311)	1.4	1	400	<0.5	0.34	0.1	0.29	<0.5	0.23	0.66	151	<1	13.0	1.6
64990 (3416312)	1.4	4	209	<0.5	0.36	0.2	0.25	<0.5	0.26	0.30	203	<1	13.4	1.7
64991 (3416313)	6.2	7	188	0.9	0.76	6.8	0.32	<0.5	0.34	2.19	68	<1	20.3	2.2
64992 c-dup (3416314)	5.7	7	171	0.9	0.77	7.3	0.31	<0.5	0.36	2.35	63	<1	20.0	2.4
64993 (3416315)	4.9	5	252	0.6	0.54	7.3	0.36	<0.5	0.21	2.31	90	<1	14.8	1.5
64994 (3416316)	4.7	6	291	0.6	0.75	2.9	0.34	<0.5	0.48	1.12	75	<1	26.6	3.3
64995 c-dup (3416317)	4.8	5	280	0.6	0.76	3.0	0.32	<0.5	0.52	1.04	69	<1	27.1	3.5
64996 (3416318)	1.2	5	326	<0.5	0.34	<0.1	0.29	<0.5	0.19	0.44	220	<1	12.0	1.6
64997 (3416319)	1.3	3	256	<0.5	0.33	0.1	0.34	<0.5	0.25	0.31	222	<1	13.7	1.7
64998 (3416320)	1.3	1	178	<0.5	0.37	0.1	0.35	1.4	0.25	0.18	240	<1	14.5	1.6
64999 (3416321)	5.4	25	209	<0.5	0.82	3.6	0.32	<0.5	0.45	1.22	64	<1	25.0	3.1
65000 (3416322)	5.6	15	90.6	<0.5	0.70	4.5	0.33	<0.5	0.32	1.15	90	<1	19.9	2.3

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852499

PROJECT: 2021 Surimeau DDH Batch 72

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 11, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
64980 (3416302)	84	28.7
64981 (3416303)	88	30.9
64982 (3416304)	79	27.6
64983 (3416305)	86	28.6
64984 (3416306)	115	27.9
64985 (3416307)	71	17.8
64986 (3416308)	123	30.1
64987 (3416309)	151	29.8
64988 (3416310)	386	30.1
64989 (3416311)	295	22.4
64990 (3416312)	821	22.4
64991 (3416313)	12400	135
64992 c-dup (3416314)	13000	137
64993 (3416315)	246	134
64994 (3416316)	11300	135
64995 c-dup (3416317)	12300	144
64996 (3416318)	551	24.1
64997 (3416319)	160	28.2
64998 (3416320)	293	30.6
64999 (3416321)	28700	140
65000 (3416322)	29700	148

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852499

PROJECT: 2021 Surimeau DDH Batch 72

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 11, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Crush-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
64980 (3416302)	77.56
64999 (3416321)	83.03

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852499

PROJECT: 2021 Surimeau DDH Batch 72

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 11, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Pul-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
64980 (3416302)	88.28
64999 (3416321)	88.74

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 22O852499

PROJECT: 2021 Surimeau DDH Batch 72

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2													
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD										
Ag	3416322	5	5	4.1%	3416316	2	2	3.4%										
Al	3416302	6.11	5.97	2.3%	3416316	6.74	6.64	1.4%										
As	3416322	<5	<5	0%	3416316	<5	<5	0%										
B	3416302	<20	<20	0%	3416316	<20	<20	0%										
Ba	3416302	70.5	72.8	3.1%	3416316	238	238	0%										
Be	3416302	<5	<5	0%	3416316	<5	<5	0%										
Bi	3416322	13.8	13.2	4.5%	3416316	1.6	1.6	1.7%										
Ca	3416302	6.61	6.67	1%	3416316	3.34	3.31	0.9%										
Cd	3416322	54.1	54.5	0.7%	3416316	26.8	27.9	4%										
Ce	3416322	57.4	48.6	16.6%	3416316	38.3	38.4	0.2%										
Co	3416322	190	204	7.5%	3416316	287	285	0.4%										
Cr	3416302	0.419	0.396	5.7%	3416316	0.045	0.045	0.6%										
Cs	3416322	0.7	0.7	5.5%	3416316	0.4	0.4	7.8%										
Cu	3416302	92	98	6.4%	3416316	1590	1570	1.7%										
Dy	3416322	3.99	3.72	6.9%	3416316	4.78	4.86	1.5%										
Er	3416322	2.32	1.97	16.4%	3416316	3.35	3.30	1.7%										
Eu	3416322	2.85	2.22	25%	3416316	1.68	1.63	3.2%										
Fe	3416302	8.87	8.15	8.4%	3416316	16.7	16.3	2.5%										
Ga	3416322	31.4	33.8	7.5%	3416316	15.2	15.3	1.1%										
Gd	3416322	4.53	4.37	3.5%	3416316	4.51	4.68	3.8%										
Ge	3416322	2	2	15.1%	3416316	2	2	1.8%										
Hf	3416322	4	4	6.2%	3416316	4	4	0.6%										
Ho	3416322	0.77	0.71	7.3%	3416316	1.14	1.10	3.5%										
In	3416322	12.3	11.8	4.2%	3416316	2.7	2.7	2.5%										
K	3416302	0.19	0.20	4.5%	3416316	0.22	0.21	4.1%										
La	3416322	27.2	23.0	16.4%	3416316	16.5	17.1	3.5%										
Li	3416302	21	20	2.3%	3416316	13	14	5.9%										
Lu	3416322	0.36	0.36	0%	3416316	0.50	0.53	5.7%										
Mg	3416302	5.08	4.35	15.4%	3416316	0.84	0.81	4.2%										
Mn	3416302	3130	3000	4.3%	3416316	1720	1720	0%										
Mo	3416322	25	23	6.5%	3416316	<2	<2	0%										

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Nb	3416322	4	4	3.1%	3416316	5	5	0.5%								
Nd	3416322	28.3	22.8	21.5%	3416316	19.5	19.4	0.4%								
Ni	3416302	1680	1800	7.3%	3416316	1910	1930	1.3%								
P	3416302	<0.01	0.02	86.8%	3416316	0.05	0.05	0.3%								
Pb	3416322	416	392	6.1%	3416316	18	18	0.5%								
Pr	3416322	6.97	5.88	17.1%	3416316	4.58	4.79	4.3%								
Rb	3416322	9.4	9.2	2.6%	3416316	7.6	7.4	2.7%								
S	3416302	0.23	0.27	18.6%	3416316	9.34	9.25	1%								
Sb	3416322	0.4	0.4	1.9%	3416316	<0.1	<0.1	0%								
Sc	3416302	40	37	7.4%	3416316	22	21	0.5%								
Si	3416302	26.1	26.2	0.4%	3416316	21.6	21.6	0.1%								
Sm	3416322	5.6	4.7	18.7%	3416316	4.7	4.2	10.2%								
Sn	3416322	15	14	8.3%	3416316	6	5	20%								
Sr	3416302	53.1	56.5	6.2%	3416316	291	292	0.2%								
Ta	3416322	<0.5	<0.5	0%	3416316	0.6	0.7	24.2%								
Tb	3416322	0.70	0.62	11.3%	3416316	0.75	0.77	2.4%								
Th	3416322	4.5	4.2	5.6%	3416316	2.9	3.0	2.6%								
Ti	3416302	0.34	0.32	7.1%	3416316	0.34	0.33	0.6%								
Tl	3416322	<0.5	<0.5	0%	3416316	<0.5	<0.5	0%								
Tm	3416322	0.32	0.31	4.6%	3416316	0.48	0.52	8.8%								
U	3416322	1.15	1.04	9.7%	3416316	1.12	1.14	2.1%								
V	3416302	237	214	10.2%	3416316	75	75	1.1%								
W	3416322	<1	<1	0%	3416316	<1	<1	0%								
Y	3416322	19.9	20.4	2.8%	3416316	26.6	26.6	0.2%								
Yb	3416322	2.3	2.2	3.2%	3416316	3.3	3.6	7.6%								
Zn	3416302	84	76	8.9%	3416316	11300	11300	0.3%								
Zr	3416322	148	147	0.9%	3416316	135	136	1.1%								

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 22O852499

PROJECT: 2021 Surimeau DDH Batch 72

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.OREAS-47)				CRM #2 (ref.OREAS-72B)											
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Al	6.32	6.19	98%	80% - 120%	4.72	4.69	99%	80% - 120%								
Ba	473.0	489	103%	80% - 120%	335.0	333	100%	80% - 120%								
Ca	2.33	2.38	102%	80% - 120%	2.82	2.96	105%	80% - 120%								
Ce	56.0	56	101%	80% - 120%	43.5	46	106%	80% - 120%								
Co	56.0	52	92%	80% - 120%	138.0	140	101%	80% - 120%								
Cr	112.86	109	96%	80% - 120%	974.0	1010	104%	80% - 120%								
Cs	2.01	2	105%	80% - 120%	3.16	3	97%	80% - 120%								
Cu					219.0	227	104%	80% - 120%								
Dy	2.11	2.0	95%	80% - 120%	2.74	3.0	110%	80% - 120%								
Er	1.16	1.0	87%	80% - 120%	1.69	1.7	98%	80% - 120%								
Eu	1.01	1.0	97%	80% - 120%	0.74	0.7	100%	80% - 120%								
Fe	2.78	2.89	104%	80% - 120%	6.97	7.13	102%	80% - 120%								
Ga	14.1	15	108%	80% - 120%	11.1	11	98%	80% - 120%								
Gd	2.83	2.9	102%	80% - 120%	2.75	3.3	121%	80% - 120%								
Ho	0.42	0.4	91%	80% - 120%	0.56	0.5	85%	80% - 120%								
K	1.18	1.09	92%	80% - 120%	1.13	1.04	92%	80% - 120%								
La	30.9	31.7	103%	80% - 120%	24.2	25.3	104%	80% - 120%								
Lu	0.16	0	104%	80% - 120%												
Mg	1.0	1.03	103%	80% - 120%	9.66	9.75	101%	80% - 120%								
Mn	496.0	530	107%	80% - 120%	1010.0	1050	104%	80% - 120%								
Mo	12.7	12	91%	80% - 120%												
Nb	17.9	17	96%	80% - 120%	5.48	5	100%	80% - 120%								
Nd	24.0	24.7	103%	80% - 120%	16.9	16.9	100%	80% - 120%								
Ni					7050.0	7050	100%	80% - 120%								
P	0.056	0.056	100%	80% - 120%	0.029	0.025	85%	80% - 120%								
Pb	284.0	282	99%	80% - 120%	14.1	15	107%	80% - 120%								
Pr	6.58	6.7	103%	80% - 120%	4.79	4.8	100%	80% - 120%								
Rb	37.6	37	98%	80% - 120%	47.2	42	90%	80% - 120%								
S					1.48	1.47	100%	80% - 120%								
Sc	9.27	8.96	97%	80% - 120%												
Si	33.99	34.6	102%	80% - 120%	24.02	24.9	104%	80% - 120%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sm	4.01	4.0	100%	80% - 120%	2.99	3.5	116%	80% - 120%								
Sn	6.14	4	68%	80% - 120%												
Sr	402.0	383	95%	80% - 120%	61.0	61.0	100%	80% - 120%								
Tb	0.39	0.4	95%	80% - 120%	0.46	0.5	99%	80% - 120%								
Th	3.84	4	94%	80% - 120%	10.3	12	115%	80% - 120%								
Ti	0.23	0.228	99%	80% - 120%	0.208	0.215	103%	80% - 120%								
Tm	0.17	0.2	93%	80% - 120%	0.26	0.2	90%	80% - 120%								
U	0.79	1	94%	80% - 120%	4.76	5	110%	80% - 120%								
V	61.0	61.7	101%	80% - 120%	77.0	76.1	99%	80% - 120%								
Y	11.6	11.0	94%	80% - 120%	15.3	14.6	95%	80% - 120%								
Yb	1.08	1.1	100%	80% - 120%	1.64	1.6	100%	80% - 120%								
Zn	217.0	226	104%	80% - 120%	90.0	101	112%	80% - 120%								
Zr	161.0	155	96%	80% - 120%	86.0	88.8	103%	80% - 120%								

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O852499

PROJECT: 2021 Surimeau DDH Batch 72

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O852499

PROJECT: 2021 Surimeau DDH Batch 72

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O852499

PROJECT: 2021 Surimeau DDH Batch 72

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Crush-Pass %			BALANCE
Pul-Pass %			BALANCE

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 73

AGAT WORK ORDER: 22O852503

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Mar 10, 2022

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

Disclaimer:

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project Manager if you require additional sample storage time.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
- The test results reported herewith relate only to the samples as received by the laboratory.
- Measurement Uncertainty is not taken into consideration when stating conformity with a specified requirement.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852503

PROJECT: 2021 Surimeau DDH Batch 73

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
65851 (3416418)	2.740
65852 (3416419)	0.760
65853 (3416420)	1.710
65854 (3416421)	1.880
65855 (3416422)	1.950
65856 (3416423)	1.670
65857 (3416424)	4.000
65858 (3416425)	4.090
65859 (3416426)	4.390
65860 (3416427)	4.250
65861 (3416428)	3.690
65862 C-DUP (3416429)	-
65863 (3416430)	0.690
65864 (3416431)	2.020
65865 (3416432)	0.750
65866 (3416433)	2.540
65867 (3416434)	0.380
65868 (3416435)	2.580
65869 (3416436)	3.110
65870 (3416437)	3.300
65871 (3416438)	3.040
65872 (3416439)	1.000
65873 (3416440)	1.500
65874 (3416441)	1.490
65875 (3416442)	0.860
65876 (3416443)	1.990
65877 (3416444)	3.500
65878 (3416445)	3.180
65879 (3416446)	3.180
65880 (3416447)	3.220
65881 (3416448)	1.970

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852503

PROJECT: 2021 Surimeau DDH Batch 73

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
65882 (3416449)	3.210
65883 (3416450)	2.380
65884 (3416451)	2.520
65885 (3416452)	1.920
65886 (3416453)	0.900
65887 (3416454)	2.580
65888 (3416455)	2.830
65889 (3416456)	2.770
65890 (3416457)	3.220
65891 (3416458)	2.890
65892 (3416459)	1.430
65893 (3416460)	3.220
65894 (3416461)	3.110
65895 C-DUP (3416462)	-
65896 (3416463)	1.990
65897 (3416464)	2.910
65898 (3416465)	3.470
65899 (3416466)	3.170
65900 (3416467)	2.430

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852503

PROJECT: 2021 Surimeau DDH Batch 73

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
65851 (3416418)	1	7.77	<5	40	121	<5	2.9	0.92	46.1	49.0	192	0.046	0.4	1390
65852 (3416419)	<1	0.06	<5	<20	14.8	<5	<0.1	32.4	<0.2	1.1	0.8	0.014	<0.1	8
65853 (3416420)	<1	6.24	<5	34	838	<5	0.8	3.82	<0.2	4.8	128	0.408	7.1	1270
65854 (3416421)	<1	6.89	<5	37	407	<5	0.8	5.31	<0.2	4.0	152	0.478	7.8	89
65855 (3416422)	<1	2.96	<5	21	166	<5	0.4	7.20	<0.2	2.7	83.4	0.213	7.0	28
65856 (3416423)	<1	3.49	<5	24	19.4	<5	0.3	5.84	<0.2	1.7	80.8	0.225	1.7	27
65857 (3416424)	<1	3.44	<5	24	2.3	<5	0.3	6.75	<0.2	1.8	85.8	0.226	0.4	63
65858 (3416425)	<1	3.11	<5	25	5.8	<5	0.3	5.78	<0.2	1.9	93.5	0.215	0.5	40
65859 (3416426)	<1	3.22	<5	33	0.8	<5	0.3	4.57	<0.2	1.6	89.0	0.224	0.3	33
65860 (3416427)	<1	3.21	<5	25	<0.5	<5	0.4	4.95	<0.2	1.7	86.4	0.214	0.3	34
65861 (3416428)	<1	3.49	<5	23	75.1	<5	0.3	4.97	<0.2	4.9	91.2	0.212	2.9	57
65862 C-DUP (3416429)	<1	3.68	<5	25	70.6	<5	0.3	5.00	<0.2	4.8	90.0	0.224	2.5	57
65863 (3416430)	<1	9.91	<5	<20	1550	<5	<0.1	2.75	<0.2	128	10.7	0.024	3.3	<5
65864 (3416431)	<1	2.85	<5	21	208	<5	0.4	4.88	<0.2	1.6	88.5	0.195	15.5	69
65865 (3416432)	<1	2.96	<5	<20	211	<5	0.4	4.80	<0.2	1.5	90.1	0.204	15.9	67
65866 (3416433)	<1	3.79	<5	23	190	<5	0.4	6.53	<0.2	2.5	101	0.284	9.9	71
65867 (3416434)	<1	8.20	<5	<20	1760	<5	<0.1	2.61	<0.2	102	6.4	0.022	0.2	16
65868 (3416435)	<1	5.13	<5	35	151	<5	0.3	5.34	<0.2	4.5	122	0.374	4.1	82
65869 (3416436)	<1	4.94	<5	26	71.5	<5	0.5	8.41	<0.2	3.1	138	0.348	0.8	111
65870 (3416437)	<1	4.40	<5	25	24.7	<5	0.2	9.62	0.2	2.8	92.3	0.284	0.3	<5
65871 (3416438)	<1	4.52	<5	25	479	<5	0.5	7.01	<0.2	4.9	124	0.338	3.3	116
65872 (3416439)	<1	0.06	<5	<20	15.5	<5	<0.1	35.1	<0.2	0.9	<0.5	0.006	<0.1	<5
65873 (3416440)	<1	9.03	<5	<20	496	<5	0.2	3.19	<0.2	113	15.4	0.039	0.3	104
65874 (3416441)	<1	7.04	<5	37	987	<5	0.8	5.80	1.7	7.5	173	0.494	1.6	1110
65875 (3416442)	<1	9.41	<5	31	421	<5	0.6	1.78	47.9	81.4	131	0.037	6.4	1320
65876 (3416443)	<1	3.12	<5	23	399	<5	0.5	5.48	0.2	1.6	79.6	0.205	16.3	114
65877 (3416444)	<1	2.92	<5	<20	0.9	<5	0.7	5.28	<0.2	1.6	85.2	0.206	0.3	75
65878 (3416445)	<1	3.17	<5	23	69.8	<5	0.5	5.50	<0.2	6.9	84.6	0.200	2.7	51
65879 (3416446)	<1	2.97	<5	21	<0.5	<5	0.5	5.13	<0.2	1.9	87.9	0.209	0.2	34
65880 (3416447)	<1	2.96	<5	24	<0.5	<5	0.6	4.11	<0.2	1.6	91.5	0.208	0.2	28
65881 (3416448)	<1	3.15	<5	26	1.0	<5	0.5	5.33	<0.2	1.2	96.0	0.234	0.3	49
65882 (3416449)	<1	3.44	<5	26	67.0	<5	0.6	9.18	<0.2	2.4	91.6	0.249	2.6	49

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852503

PROJECT: 2021 Surimeau DDH Batch 73

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
65883 (3416450)	<1	3.08	<5	22	164	<5	0.4	8.69	<0.2	1.7	76.6	0.205	10.9	79
65884 (3416451)	<1	5.56	<5	38	96.1	<5	1.3	6.59	<0.2	3.6	177	0.490	0.3	405
65885 (3416452)	<1	5.96	<5	38	191	<5	2.0	8.27	0.7	7.1	213	0.378	<0.1	2150
65886 (3416453)	<1	6.87	<5	23	507	<5	2.9	3.36	20.0	62.2	116	0.022	1.1	1290
65887 (3416454)	<1	5.71	<5	21	1020	<5	0.5	4.68	4.4	57.2	67.6	0.100	11.9	231
65888 (3416455)	<1	3.09	<5	28	12.5	<5	0.7	3.67	<0.2	1.3	92.8	0.212	0.8	91
65889 (3416456)	<1	2.26	<5	27	0.6	<5	1.6	3.82	<0.2	2.0	94.3	0.199	1.0	10
65890 (3416457)	<1	2.63	<5	31	1.0	<5	0.8	4.75	<0.2	1.8	91.9	0.204	0.4	46
65891 (3416458)	<1	2.79	<5	24	0.9	<5	0.4	6.46	<0.2	1.9	85.0	0.256	0.2	68
65892 (3416459)	<1	2.96	<5	24	1.7	<5	0.5	6.08	<0.2	1.9	88.1	0.259	0.3	76
65893 (3416460)	<1	2.64	<5	<20	0.6	<5	0.5	6.78	<0.2	1.3	84.1	0.194	0.2	57
65894 (3416461)	<1	3.35	<5	26	13.9	<5	0.4	5.96	<0.2	1.4	84.4	0.241	0.9	44
65895 C-DUP (3416462)	<1	3.23	<5	27	12.8	<5	0.4	5.90	<0.2	1.5	85.3	0.233	0.8	40
65896 (3416463)	<1	3.50	<5	22	189	<5	0.9	10.2	<0.2	2.7	99.2	0.259	7.4	42
65897 (3416464)	<1	2.91	<5	<20	20.7	<5	0.4	6.10	<0.2	1.6	84.0	0.221	1.2	71
65898 (3416465)	<1	3.27	<5	23	27.4	<5	0.5	6.12	<0.2	2.4	101	0.241	1.2	52
65899 (3416466)	<1	3.06	<5	21	0.8	<5	0.5	5.39	<0.2	1.5	84.5	0.226	0.2	37
65900 (3416467)	<1	2.88	<5	<20	1.9	<5	0.4	4.39	<0.2	1.7	73.3	0.205	0.3	47

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852503

PROJECT: 2021 Surimeau DDH Batch 73

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
65851 (3416418)	4.26	2.41	2.34	11.6	29.0	4.52	1	3	0.81	9.6	0.15	22.0	<10	0.33
65852 (3416419)	0.27	0.16	<0.05	0.19	0.21	0.22	1	<1	0.06	<0.2	<0.05	1.3	<10	<0.05
65853 (3416420)	2.68	1.83	0.84	10.5	20.9	2.03	4	<1	0.56	<0.2	1.58	2.3	80	0.21
65854 (3416421)	2.73	1.97	0.75	10.3	15.1	2.27	5	<1	0.56	<0.2	1.43	1.7	75	0.26
65855 (3416422)	1.19	0.95	0.53	6.81	7.35	1.06	7	<1	0.28	<0.2	1.05	1.2	47	0.12
65856 (3416423)	1.51	0.86	0.36	7.55	8.33	1.02	6	<1	0.34	<0.2	0.19	0.5	21	0.13
65857 (3416424)	1.36	1.01	0.23	7.29	7.27	1.05	4	<1	0.32	<0.2	<0.05	0.5	<10	0.14
65858 (3416425)	1.10	0.68	0.19	6.96	6.66	0.78	2	<1	0.26	<0.2	<0.05	0.9	<10	0.11
65859 (3416426)	1.41	0.82	0.13	7.47	7.37	1.11	2	<1	0.28	<0.2	<0.05	0.5	<10	0.08
65860 (3416427)	1.19	1.07	0.17	6.98	7.60	0.79	2	<1	0.28	<0.2	<0.05	0.6	<10	0.10
65861 (3416428)	1.32	0.83	0.26	7.03	9.64	1.35	2	<1	0.30	<0.2	0.38	2.0	16	0.10
65862 C-DUP (3416429)	1.39	1.03	0.28	7.03	8.81	1.25	2	<1	0.27	<0.2	0.36	2.1	15	0.12
65863 (3416430)	2.67	0.58	2.47	3.09	24.2	6.11	<1	7	0.32	<0.2	0.91	60.0	88	0.07
65864 (3416431)	1.04	0.61	0.12	6.55	8.33	0.99	2	<1	0.22	<0.2	2.32	0.5	63	0.12
65865 (3416432)	1.08	0.65	0.19	6.44	9.02	0.83	2	<1	0.22	<0.2	2.30	0.4	63	0.12
65866 (3416433)	1.54	1.07	0.38	7.78	9.39	1.41	2	<1	0.33	<0.2	1.52	1.0	44	0.14
65867 (3416434)	2.04	0.55	2.15	2.04	28.4	5.31	1	5	0.31	<0.2	0.17	47.7	<10	0.07
65868 (3416435)	1.98	1.55	0.53	9.46	11.9	1.78	1	<1	0.47	<0.2	0.75	2.0	34	0.15
65869 (3416436)	2.19	1.38	0.51	8.40	12.0	1.54	1	<1	0.49	<0.2	0.27	1.2	14	0.21
65870 (3416437)	2.01	1.42	0.55	7.67	14.5	1.28	2	<1	0.40	<0.2	0.17	1.1	<10	0.15
65871 (3416438)	2.42	1.46	0.56	7.51	13.2	1.60	2	<1	0.46	<0.2	0.71	2.1	34	0.18
65872 (3416439)	0.28	0.13	0.06	0.14	0.14	0.21	1	<1	<0.05	<0.2	<0.05	1.1	<10	<0.05
65873 (3416440)	2.73	0.87	2.22	3.15	24.8	5.90	1	6	0.42	<0.2	0.11	52.5	<10	0.11
65874 (3416441)	3.16	1.93	0.75	11.0	15.8	2.34	1	1	0.66	0.5	0.42	3.4	25	0.23
65875 (3416442)	5.91	3.14	3.04	8.87	20.3	6.37	<1	6	1.10	7.5	0.84	36.6	81	0.48
65876 (3416443)	1.20	0.81	0.29	6.75	11.0	0.96	3	<1	0.22	<0.2	2.36	0.6	68	0.08
65877 (3416444)	1.16	0.77	0.20	6.82	6.50	0.93	4	<1	0.20	<0.2	<0.05	0.6	<10	0.09
65878 (3416445)	1.61	1.06	0.25	7.24	6.39	1.41	4	<1	0.36	<0.2	0.30	2.8	11	0.10
65879 (3416446)	1.13	0.75	0.20	6.68	5.99	0.69	2	<1	0.27	<0.2	<0.05	0.8	<10	0.13
65880 (3416447)	1.26	0.72	0.14	7.25	7.43	0.78	2	<1	0.27	<0.2	<0.05	0.5	<10	0.11
65881 (3416448)	1.06	0.87	0.21	7.11	6.79	0.93	2	<1	0.29	<0.2	<0.05	0.4	<10	0.13
65882 (3416449)	1.56	0.88	0.57	7.51	6.45	1.23	2	<1	0.31	<0.2	0.38	1.0	15	0.14

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852503

PROJECT: 2021 Surimeau DDH Batch 73

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
65883 (3416450)	1.20	0.79	0.15	6.53	7.61	0.76	3	<1	0.29	<0.2	1.60	0.7	57	0.12
65884 (3416451)	2.78	1.69	0.61	10.7	13.1	2.41	1	1	0.57	<0.2	0.16	1.5	14	0.26
65885 (3416452)	2.64	1.97	0.69	11.5	11.4	2.31	1	1	0.56	<0.2	<0.05	3.2	<10	0.25
65886 (3416453)	3.64	2.16	2.15	7.56	21.2	5.16	2	4	0.75	3.6	0.35	28.2	<10	0.30
65887 (3416454)	3.43	1.79	1.83	7.40	15.3	4.16	1	2	0.70	0.8	1.73	25.6	64	0.26
65888 (3416455)	1.06	0.67	0.16	7.22	9.07	0.74	1	<1	0.22	<0.2	<0.05	0.6	<10	0.10
65889 (3416456)	2.01	1.73	0.69	6.41	5.93	1.63	2	1	0.47	<0.2	<0.05	0.9	<10	0.45
65890 (3416457)	1.27	0.77	0.19	6.99	5.72	0.95	2	<1	0.26	<0.2	<0.05	0.7	<10	0.11
65891 (3416458)	1.47	0.91	0.24	7.06	6.32	0.89	2	<1	0.37	<0.2	<0.05	0.7	<10	0.12
65892 (3416459)	1.37	0.83	0.20	7.34	6.82	1.13	2	<1	0.28	<0.2	<0.05	0.7	<10	0.15
65893 (3416460)	1.21	0.65	0.24	6.33	5.68	0.55	2	<1	0.24	<0.2	<0.05	0.4	<10	0.11
65894 (3416461)	1.29	0.88	0.22	7.39	6.60	1.06	1	<1	0.26	<0.2	<0.05	0.4	<10	0.13
65895 C-DUP (3416462)	1.46	0.81	0.20	7.41	6.89	0.95	1	<1	0.28	<0.2	<0.05	0.4	<10	0.15
65896 (3416463)	1.67	1.05	0.65	7.08	8.03	1.14	2	<1	0.40	<0.2	0.95	1.0	28	0.15
65897 (3416464)	1.23	0.87	0.13	6.94	7.40	0.98	2	<1	0.29	<0.2	0.10	0.5	<10	0.11
65898 (3416465)	1.17	0.74	0.23	7.43	7.40	0.96	2	<1	0.30	<0.2	0.13	0.9	<10	0.12
65899 (3416466)	1.15	0.72	0.16	7.16	7.22	1.13	1	<1	0.27	<0.2	<0.05	0.5	<10	0.13
65900 (3416467)	1.14	0.79	0.19	6.30	7.58	0.76	1	<1	0.28	<0.2	<0.05	0.6	<10	0.10

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852503

PROJECT: 2021 Surimeau DDH Batch 73

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
65851 (3416418)	0.82	787	18	4	24.8	1320	0.04	60	5.90	4.9	7.56	<0.1	22	26.0
65852 (3416419)	1.48	97	<2	<1	1.0	<5	0.01	<5	0.23	<0.2	0.39	<0.1	<5	7.87
65853 (3416420)	5.20	3510	9	1	4.0	1610	0.07	16	0.75	75.7	2.41	0.1	42	22.5
65854 (3416421)	6.97	3820	<2	<1	3.9	2080	0.01	11	0.67	56.0	0.59	<0.1	46	22.5
65855 (3416422)	11.7	2290	<2	<1	1.8	1240	0.03	<5	0.38	42.7	0.27	<0.1	21	23.4
65856 (3416423)	13.4	1780	<2	<1	2.1	924	<0.01	<5	0.33	7.3	0.23	<0.1	24	22.8
65857 (3416424)	13.6	1340	<2	<1	1.7	1120	0.01	<5	0.26	0.7	0.40	<0.1	24	21.8
65858 (3416425)	14.7	1030	<2	<1	1.9	1370	<0.01	<5	0.27	1.9	0.28	<0.1	21	20.6
65859 (3416426)	15.1	1140	<2	<1	1.4	1170	0.01	<5	0.28	0.3	0.23	0.3	24	21.4
65860 (3416427)	15.2	1170	<2	<1	1.6	1240	<0.01	<5	0.29	0.3	0.24	0.3	22	20.4
65861 (3416428)	13.8	1070	<2	<1	3.3	1160	0.02	<5	0.66	15.9	0.29	<0.1	23	21.1
65862 C-DUP (3416429)	14.2	1070	<2	<1	3.3	1220	0.02	<5	0.66	14.5	0.30	<0.1	24	21.2
65863 (3416430)	1.88	522	<2	8	60.2	16	0.07	53	15.1	38.3	0.05	<0.1	<5	27.3
65864 (3416431)	13.1	1100	<2	<1	1.6	1380	<0.01	14	0.30	88.4	0.93	0.1	19	23.7
65865 (3416432)	13.3	1080	<2	<1	1.9	1360	<0.01	14	0.26	88.1	0.91	<0.1	19	23.6
65866 (3416433)	8.91	2040	<2	<1	2.0	1350	0.01	5	0.39	55.0	0.83	0.2	28	24.2
65867 (3416434)	0.70	344	<2	7	48.0	<5	0.07	20	12.5	2.0	0.14	0.2	<5	31.8
65868 (3416435)	4.67	3040	<2	<1	3.6	1600	0.01	6	0.67	30.3	0.33	<0.1	38	25.2
65869 (3416436)	6.43	2440	<2	<1	2.7	1780	<0.01	9	0.47	5.9	0.50	<0.1	34	23.7
65870 (3416437)	9.14	2110	<2	1	2.5	846	0.03	<5	0.44	1.8	0.12	<0.1	32	22.8
65871 (3416438)	8.34	2120	3	<1	3.9	1750	0.01	7	0.72	29.5	0.72	<0.1	34	23.8
65872 (3416439)	1.56	100	<2	<1	0.9	<5	0.01	<5	0.22	<0.2	0.41	<0.1	<5	5.22
65873 (3416440)	1.43	514	<2	7	54.5	53	0.11	22	13.6	3.2	0.59	<0.1	9	29.5
65874 (3416441)	3.09	1510	14	2	5.2	1590	0.05	21	1.10	16.8	2.37	<0.1	52	21.8
65875 (3416442)	1.53	506	28	8	39.4	603	0.06	73	9.62	40.1	3.73	<0.1	19	24.3
65876 (3416443)	12.1	1400	<2	<1	1.5	1090	0.01	<5	0.26	99.9	0.90	<0.1	21	23.1
65877 (3416444)	14.0	1110	<2	<1	1.6	1240	<0.01	<5	0.29	0.4	1.56	<0.1	21	21.6
65878 (3416445)	13.7	1050	<2	<1	4.9	1180	0.03	<5	1.09	13.5	1.38	<0.1	23	21.2
65879 (3416446)	14.3	1100	<2	<1	1.6	1370	<0.01	<5	0.28	<0.2	0.38	<0.1	20	20.4
65880 (3416447)	15.1	1080	<2	<1	1.5	1350	<0.01	<5	0.25	0.2	0.30	0.3	22	22.1
65881 (3416448)	14.1	1140	<2	<1	1.4	1370	<0.01	<5	0.21	0.4	0.56	0.2	23	21.2
65882 (3416449)	10.8	2130	<2	<1	2.0	1260	0.01	<5	0.40	16.7	0.51	0.2	25	20.1

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852503

PROJECT: 2021 Surimeau DDH Batch 73

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
65883 (3416450)	10.8	1670	<2	<1	1.6	1000	<0.01	6	0.32	72.4	0.71	<0.1	21	21.0
65884 (3416451)	5.56	3270	<2	<1	3.5	2580	<0.01	12	0.66	2.7	2.21	<0.1	47	22.5
65885 (3416452)	1.86	2400	<2	1	5.1	2350	0.02	34	1.00	1.0	5.38	0.2	38	19.3
65886 (3416453)	1.85	675	42	6	28.9	829	0.05	56	7.40	20.4	4.29	<0.1	17	23.9
65887 (3416454)	7.41	1270	20	5	28.4	515	0.13	21	7.09	78.8	1.40	<0.1	22	22.5
65888 (3416455)	15.6	1190	<2	<1	1.0	1370	<0.01	<5	0.23	3.3	0.73	<0.1	20	20.7
65889 (3416456)	17.1	1130	<2	<1	2.9	1630	<0.01	<5	0.52	0.2	0.16	0.7	18	19.9
65890 (3416457)	15.5	1230	<2	<1	1.8	1390	<0.01	<5	0.30	0.3	0.43	<0.1	20	19.5
65891 (3416458)	14.0	1190	<2	<1	1.9	1150	0.01	<5	0.30	0.3	1.04	<0.1	22	19.9
65892 (3416459)	14.2	1160	<2	<1	2.1	1230	0.02	<5	0.36	0.3	1.12	0.1	23	20.1
65893 (3416460)	14.4	1010	<2	<1	1.4	1330	0.02	<5	0.26	0.5	0.71	<0.1	19	21.8
65894 (3416461)	13.4	1210	<2	<1	1.8	1100	0.01	<5	0.24	3.2	0.45	<0.1	23	21.1
65895 C-DUP (3416462)	12.8	1210	<2	<1	1.5	1070	<0.01	<5	0.29	3.1	0.45	0.1	23	20.9
65896 (3416463)	9.57	2000	<2	<1	2.3	1340	<0.01	9	0.41	46.6	0.30	<0.1	26	20.0
65897 (3416464)	13.8	1120	<2	<1	1.5	1200	0.01	<5	0.30	7.1	0.41	<0.1	21	21.0
65898 (3416465)	13.3	1340	<2	<1	2.0	1510	<0.01	<5	0.37	6.7	0.53	0.1	24	20.5
65899 (3416466)	13.8	1340	<2	<1	1.5	1190	<0.01	<5	0.26	<0.2	0.51	<0.1	22	20.9
65900 (3416467)	12.3	1050	<2	<1	1.5	976	0.01	<5	0.24	0.3	0.43	<0.1	21	18.0

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852503

PROJECT: 2021 Surimeau DDH Batch 73

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
65851 (3416418)	5.4	19	107	0.6	0.71	4.8	0.32	<0.5	0.40	1.42	99	<1	20.6	2.3
65852 (3416419)	<0.1	<1	70.3	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.17	<5	<1	2.0	0.1
65853 (3416420)	1.4	9	205	<0.5	0.41	0.1	0.37	3.0	0.28	0.27	251	<1	13.9	1.9
65854 (3416421)	1.3	3	166	<0.5	0.41	0.1	0.37	1.3	0.25	0.14	256	<1	14.8	1.6
65855 (3416422)	0.7	2	36.7	<0.5	0.19	<0.1	0.16	0.9	0.11	0.16	140	<1	7.4	0.8
65856 (3416423)	0.7	1	20.0	<0.5	0.19	<0.1	0.19	<0.5	0.15	0.06	132	<1	7.4	0.7
65857 (3416424)	0.6	<1	60.8	<0.5	0.21	<0.1	0.19	<0.5	0.16	<0.05	130	<1	7.0	0.9
65858 (3416425)	0.6	<1	59.5	<0.5	0.19	<0.1	0.18	<0.5	0.09	<0.05	121	<1	6.5	0.8
65859 (3416426)	0.8	<1	48.2	<0.5	0.20	<0.1	0.19	<0.5	0.12	<0.05	129	<1	7.9	0.9
65860 (3416427)	0.5	<1	75.0	<0.5	0.19	<0.1	0.17	<0.5	0.10	<0.05	109	<1	6.3	0.8
65861 (3416428)	0.9	<1	42.9	<0.5	0.16	0.4	0.20	<0.5	0.11	0.16	121	<1	7.1	0.7
65862 C-DUP (3416429)	1.1	<1	43.2	<0.5	0.19	0.4	0.19	<0.5	0.09	0.17	124	<1	7.1	0.8
65863 (3416430)	10.8	<1	1830	0.7	0.72	10.9	0.34	<0.5	0.11	3.63	52	<1	8.9	0.4
65864 (3416431)	0.7	<1	26.5	<0.5	0.14	<0.1	0.15	1.0	0.08	0.09	100	<1	5.8	0.6
65865 (3416432)	0.6	<1	25.8	<0.5	0.16	<0.1	0.15	1.0	0.10	0.10	102	<1	5.5	0.5
65866 (3416433)	0.7	<1	91.7	<0.5	0.22	<0.1	0.22	0.6	0.20	0.23	157	<1	9.6	1.1
65867 (3416434)	8.1	1	1520	<0.5	0.54	8.5	0.25	<0.5	0.07	2.72	38	<1	7.8	0.5
65868 (3416435)	0.9	<1	84.2	<0.5	0.32	0.3	0.31	0.6	0.20	0.10	213	<1	11.7	1.3
65869 (3416436)	1.0	1	136	<0.5	0.34	<0.1	0.27	<0.5	0.21	0.10	190	<1	11.0	1.5
65870 (3416437)	0.7	1	110	<0.5	0.26	<0.1	0.26	<0.5	0.19	0.28	185	<1	9.9	1.3
65871 (3416438)	0.9	<1	250	<0.5	0.33	0.3	0.26	0.6	0.20	0.26	205	<1	12.1	1.3
65872 (3416439)	0.2	<1	75.7	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.12	<5	<1	2.0	0.1
65873 (3416440)	9.1	<1	1650	<0.5	0.64	9.2	0.32	<0.5	0.11	2.93	71	<1	10.9	0.8
65874 (3416441)	2.0	3	554	<0.5	0.43	0.3	0.43	<0.5	0.28	0.36	276	<1	16.1	1.8
65875 (3416442)	8.2	2	582	1.2	0.94	13.6	0.42	<0.5	0.45	3.92	79	<1	28.2	3.0
65876 (3416443)	0.6	3	29.9	<0.5	0.15	<0.1	0.17	1.2	0.10	0.15	119	<1	6.0	0.7
65877 (3416444)	0.4	<1	22.1	<0.5	0.16	<0.1	0.16	<0.5	0.10	<0.05	113	<1	5.7	0.7
65878 (3416445)	1.3	<1	35.3	<0.5	0.21	0.7	0.21	<0.5	0.12	0.29	122	<1	7.8	0.9
65879 (3416446)	0.5	<1	80.0	<0.5	0.18	<0.1	0.15	<0.5	0.11	<0.05	108	<1	5.9	0.6
65880 (3416447)	0.5	<1	38.9	<0.5	0.12	<0.1	0.16	<0.5	0.09	<0.05	114	<1	6.1	0.7
65881 (3416448)	0.6	<1	25.2	<0.5	0.21	<0.1	0.18	<0.5	0.13	<0.05	126	<1	6.3	0.8
65882 (3416449)	0.8	<1	109	<0.5	0.24	<0.1	0.20	<0.5	0.14	<0.05	148	<1	8.2	1.0

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852503

PROJECT: 2021 Surimeau DDH Batch 73

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
65883 (3416450)	0.7	<1	111	<0.5	0.20	<0.1	0.17	1.1	0.10	<0.05	126	<1	6.6	0.7
65884 (3416451)	1.3	1	169	<0.5	0.39	<0.1	0.36	<0.5	0.29	0.13	272	<1	14.5	1.6
65885 (3416452)	1.7	3	233	<0.5	0.41	0.3	0.33	<0.5	0.26	0.20	205	<1	14.4	1.8
65886 (3416453)	5.4	9	271	0.8	0.76	9.4	0.31	<0.5	0.32	2.93	109	<1	19.3	2.2
65887 (3416454)	5.5	4	848	0.5	0.58	6.2	0.34	1.0	0.28	2.17	158	<1	16.4	1.8
65888 (3416455)	0.5	<1	35.4	<0.5	0.13	<0.1	0.18	<0.5	0.10	0.07	118	<1	4.8	0.6
65889 (3416456)	2.2	<1	107	<0.5	0.38	0.2	0.13	<0.5	0.30	0.13	95	<1	5.6	1.3
65890 (3416457)	0.7	<1	144	<0.5	0.15	<0.1	0.16	<0.5	0.12	<0.05	104	<1	6.8	0.8
65891 (3416458)	0.9	<1	92.7	<0.5	0.20	<0.1	0.16	<0.5	0.14	<0.05	118	<1	7.4	0.8
65892 (3416459)	0.5	<1	89.8	<0.5	0.18	<0.1	0.18	<0.5	0.12	<0.05	128	<1	7.2	0.8
65893 (3416460)	0.5	<1	73.0	<0.5	0.12	<0.1	0.15	<0.5	0.09	<0.05	99	<1	5.7	0.7
65894 (3416461)	0.6	<1	55.0	<0.5	0.20	<0.1	0.19	<0.5	0.13	<0.05	133	<1	6.7	0.7
65895 C-DUP (3416462)	0.6	<1	54.6	<0.5	0.18	<0.1	0.19	<0.5	0.11	<0.05	129	<1	6.7	0.8
65896 (3416463)	0.7	<1	227	<0.5	0.24	<0.1	0.21	0.6	0.17	0.08	158	<1	9.6	1.0
65897 (3416464)	0.5	<1	46.0	<0.5	0.19	<0.1	0.17	<0.5	0.14	0.07	120	<1	7.0	0.8
65898 (3416465)	0.5	<1	63.7	<0.5	0.19	0.1	0.20	<0.5	0.14	<0.05	134	<1	6.7	0.8
65899 (3416466)	0.6	<1	50.8	<0.5	0.19	<0.1	0.17	<0.5	0.13	<0.05	121	<1	6.4	0.7
65900 (3416467)	0.7	<1	38.7	<0.5	0.16	<0.1	0.17	<0.5	0.11	<0.05	120	<1	5.8	0.6

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852503

PROJECT: 2021 Surimeau DDH Batch 73

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
65851 (3416418)	24700	132
65852 (3416419)	24	1.4
65853 (3416420)	289	28.7
65854 (3416421)	127	28.5
65855 (3416422)	95	13.9
65856 (3416423)	63	15.4
65857 (3416424)	55	14.8
65858 (3416425)	41	17.2
65859 (3416426)	62	17.0
65860 (3416427)	49	13.5
65861 (3416428)	59	22.8
65862 C-DUP (3416429)	59	25.6
65863 (3416430)	61	231
65864 (3416431)	73	12.3
65865 (3416432)	65	13.0
65866 (3416433)	66	18.7
65867 (3416434)	81	181
65868 (3416435)	95	28.3
65869 (3416436)	56	22.0
65870 (3416437)	126	21.0
65871 (3416438)	147	22.3
65872 (3416439)	<5	0.8
65873 (3416440)	78	194
65874 (3416441)	1120	39.6
65875 (3416442)	14200	203
65876 (3416443)	336	14.0
65877 (3416444)	68	14.0
65878 (3416445)	54	24.3
65879 (3416446)	53	12.2
65880 (3416447)	72	12.9
65881 (3416448)	55	14.5
65882 (3416449)	54	15.1

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852503

PROJECT: 2021 Surimeau DDH Batch 73

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
65883 (3416450)	63	13.5
65884 (3416451)	188	27.8
65885 (3416452)	618	34.4
65886 (3416453)	10300	131
65887 (3416454)	2000	87.0
65888 (3416455)	58	14.1
65889 (3416456)	47	12.7
65890 (3416457)	42	14.2
65891 (3416458)	34	12.5
65892 (3416459)	39	12.6
65893 (3416460)	29	12.0
65894 (3416461)	42	15.2
65895 C-DUP (3416462)	42	15.7
65896 (3416463)	79	17.2
65897 (3416464)	57	14.3
65898 (3416465)	58	15.1
65899 (3416466)	43	12.5
65900 (3416467)	57	17.0

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852503

PROJECT: 2021 Surimeau DDH Batch 73

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Crush-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
65851 (3416418)	82.48
65870 (3416437)	76.74
65890 (3416457)	81.66

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852503

PROJECT: 2021 Surimeau DDH Batch 73

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Pul-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
65851 (3416418)	88.48
65870 (3416437)	89.46
65890 (3416457)	87.55

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 22O852503

PROJECT: 2021 Surimeau DDH Batch 73

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1								REPLICATE #2				REPLICATE #3			
Parameter	Sample ID	Original	Replicate	RPD					Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	3416418	1	1	0.0%					3416443	< 1	<1	0.0%	3416458	< 1	<1	0.0%
Al	3416418	7.77	7.04	9.9%	3416432	2.96	3.10	4.6%	3416443	3.12	3.26	4.4%	3416458	2.79	2.81	0.7%
As	3416418	< 5	<5	0.0%					3416443	< 5	<5	0.0%	3416458	< 5	<5	0.0%
B	3416418	40	36	10.5%	3416432	< 20	20	0.0%	3416443	23	22	4.4%	3416458	24	21	13.3%
Ba	3416418	121	123	1.6%	3416432	211	222	5.1%	3416443	399	411	3.0%	3416458	0.9	<0.5	
Be	3416418	< 5	<5	0.0%	3416432	< 5	<5	0.0%	3416443	< 5	<5	0.0%	3416458	< 5	<5	0.0%
Bi	3416418	2.9	3.3	12.9%					3416443	0.5	0.6	18.2%	3416458	0.4	0.4	0.0%
Ca	3416418	0.92	0.88	4.4%	3416432	4.80	4.92	2.5%	3416443	5.48	5.47	0.2%	3416458	6.46	6.46	0.0%
Cd	3416418	46.1	47.7	3.4%					3416443	0.2	<0.2	0.0%	3416458	< 0.2	<0.2	0.0%
Ce	3416418	49.0	51.6	5.2%					3416443	1.6	1.5	6.5%	3416458	1.9	2.0	5.1%
Co	3416418	192	194	1.0%					3416443	79.6	78.8	1.0%	3416458	85.0	84.8	0.2%
Cr	3416418	0.046	0.045	2.2%	3416432	0.204	0.213	4.1%	3416443	0.205	0.218	6.1%	3416458	0.256	0.254	0.8%
Cs	3416418	0.4	0.6	40.0%					3416443	16.3	16.4	0.6%	3416458	0.2	0.2	0.0%
Cu	3416418	1390	1300	6.7%	3416432	67	71	6.7%	3416443	114	115	0.9%	3416458	68	73	7.1%
Dy	3416418	4.26	4.43	3.9%					3416443	1.20	1.22	1.7%	3416458	1.47	1.45	1.4%
Er	3416418	2.41	2.65	9.5%					3416443	0.81	0.71	13.2%	3416458	0.91	0.89	2.2%
Eu	3416418	2.34	2.27	3.0%					3416443	0.29	0.27	7.1%	3416458	0.24	0.29	18.9%
Fe	3416418	11.6	10.9	6.2%	3416432	6.44	6.60	2.4%	3416443	6.75	6.74	0.1%	3416458	7.06	7.04	0.3%
Ga	3416418	29.0	30.9	6.3%					3416443	11.0	12.1	9.5%	3416458	6.32	6.40	1.3%
Gd	3416418	4.52	4.73	4.5%					3416443	0.96	0.96	0.0%	3416458	0.89	1.17	27.2%
Ge	3416418	1	2	66.7%					3416443	3	4	28.6%	3416458	2	1	66.7%
Hf	3416418	3	4	28.6%					3416443	< 1	<1	0.0%	3416458	< 1	<1	0.0%
Ho	3416418	0.81	0.91	11.6%					3416443	0.22	0.24	8.7%	3416458	0.37	0.32	14.5%
In	3416418	9.6	9.8	2.1%					3416443	< 0.2	<0.2	0.0%	3416458	< 0.2	<0.2	0.0%
K	3416418	0.15	0.15	0.0%	3416432	2.30	2.34	2.0%	3416443	2.36	2.41	2.1%	3416458	< 0.05	<0.05	0.0%
La	3416418	22.0	24.0	8.7%					3416443	0.6	0.4	40.0%	3416458	0.7	0.7	0.0%
Li	3416418	< 10	<10	0.0%	3416432	63	65	3.3%	3416443	68	68	0.0%	3416458	< 10	<10	0.0%
Lu	3416418	0.33	0.41	21.6%					3416443	0.08	0.08	0.0%	3416458	0.12	0.10	18.2%
Mg	3416418	0.82	0.80	2.5%	3416432	13.3	13.7	2.8%	3416443	12.1	12.4	2.4%	3416458	14.0	13.8	1.4%
Mn	3416418	787	780	0.9%	3416432	1080	1120	2.9%	3416443	1400	1410	0.7%	3416458	1190	1200	0.8%
Mo	3416418	18	18	0.0%					3416443	< 2	<2	0.0%	3416458	< 2	<2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Nb	3416418	4	5	22.2%					3416443	< 1	<1	0.0%	3416458	< 1	<1	0.0%
Nd	3416418	24.8	24.9	0.4%					3416443	1.5	1.6	6.5%	3416458	1.9	2.0	5.1%
Ni	3416418	1320	1090	19.1%	3416432	1360	1450	6.2%	3416443	1090	1090	0.0%	3416458	1150	1170	1.7%
P	3416418	0.04	0.04	0.0%	3416432	< 0.01	<0.01	0.0%	3416443	0.01	<0.01	0.0%	3416458	0.01	0.01	0.0%
Pb	3416418	60	64	6.5%					3416443	< 5	<5	0.0%	3416458	< 5	<5	0.0%
Pr	3416418	5.90	6.37	7.7%					3416443	0.26	0.27	3.8%	3416458	0.30	0.33	9.5%
Rb	3416418	4.9	5.7	15.1%					3416443	99.9	102	2.1%	3416458	0.3	<0.2	0.0%
S	3416418	7.56	6.93	8.7%	3416432	0.91	0.97	7.2%	3416443	0.90	0.86	4.5%	3416458	1.04	1.04	0.0%
Sb	3416418	< 0.1	<0.1	0.0%					3416443	< 0.1	<0.1	0.0%	3416458	< 0.1	<0.1	0.0%
Sc	3416418	22	20	9.5%	3416432	19	20	3.6%	3416443	21	21	0.0%	3416458	22	23	4.4%
Si	3416418	26.0	25.0	3.9%	3416432	23.6	24.0	1.6%	3416443	23.1	23.3	0.9%	3416458	19.9	19.8	0.5%
Sm	3416418	5.4	5.1	5.7%					3416443	0.6	0.7	15.4%	3416458	0.9	0.7	25.0%
Sn	3416418	19	20	5.1%					3416443	3	4	28.6%	3416458	< 1	<1	0.0%
Sr	3416418	107	102	4.8%	3416432	25.8	26.9	4.2%	3416443	29.9	29.9	0.0%	3416458	92.7	92.9	0.2%
Ta	3416418	0.6	0.7	15.4%					3416443	< 0.5	<0.5	0.0%	3416458	< 0.5	<0.5	0.0%
Tb	3416418	0.71	0.78	9.4%					3416443	0.15	0.19	23.5%	3416458	0.20	0.24	18.2%
Th	3416418	4.8	4.8	0.0%					3416443	< 0.1	<0.1	0.0%	3416458	< 0.1	<0.1	0.0%
Ti	3416418	0.32	0.32	0.0%	3416432	0.15	0.16	2.1%	3416443	0.17	0.17	0.0%	3416458	0.16	0.17	6.1%
Tl	3416418	< 0.5	<0.5	0.0%					3416443	1.2	1.3	8.0%	3416458	< 0.5	<0.5	0.0%
Tm	3416418	0.40	0.30	28.6%					3416443	0.10	0.10	0.0%	3416458	0.14	0.14	0.0%
U	3416418	1.42	1.52	6.8%					3416443	0.15	0.14	6.9%	3416458	< 0.05	<0.05	0.0%
V	3416418	99	93	6.3%	3416432	102	110	8.3%	3416443	119	126	5.7%	3416458	118	119	0.8%
W	3416418	< 1	<1	0.0%					3416443	< 1	<1	0.0%	3416458	< 1	<1	0.0%
Y	3416418	20.6	21.1	2.4%					3416443	6.0	6.4	6.5%	3416458	7.4	7.3	1.4%
Yb	3416418	2.3	2.6	12.2%					3416443	0.7	0.6	15.4%	3416458	0.8	0.8	0.0%
Zn	3416418	24700	23600	4.6%	3416432	65	67	2.2%	3416443	336	331	1.5%	3416458	34	39	13.7%
Zr	3416418	132	136	3.0%					3416443	14.0	13.2	5.9%	3416458	12.5	12.5	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.OREAS-47)				CRM #2 (ref.OREAS-72B)				CRM #3 (ref.OREAS-74B)				CRM #4 (ref.OREAS-74b)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	6.32	6.61	105%	80% - 120%	4.72	4.50	95%	80% - 120%	3.54	3.56	100%	80% - 120%				
Ba	473.0	509	108%	80% - 120%	335.0	326	97%	80% - 120%	210.0	226	107%	80% - 120%				
Ca	2.33	2.49	107%	80% - 120%	2.82	2.81	100%	80% - 120%	3.09	3.09	100%	80% - 120%				
Ce													30.9	34	110%	80% - 120%
Co													499.0	477	96%	80% - 120%
Cr	112.86	92.0	82%	80% - 120%	974.0	954	98%	80% - 120%	978.0	1040	106%	80% - 120%				
Cs													2.73	3	94%	80% - 120%
Cu					219.0	213	97%	80% - 120%	1021.0	1010	98%	80% - 120%				
Dy													1.96	2.0	103%	80% - 120%
Er													1.18	1.2	106%	80% - 120%
Eu													0.53	0.5	102%	80% - 120%
Fe	2.78	3.04	109%	80% - 120%	6.97	6.86	98%	80% - 120%	12.6	12.4	99%	80% - 120%				
Ga													8.52	9	101%	80% - 120%
Gd													1.9	2.1	108%	80% - 120%
Ho													0.4	0.4	102%	80% - 120%
K	1.18	1.25	106%	80% - 120%	1.13	1.06	94%	80% - 120%	0.72	0.640	89%	80% - 120%				
La													17.4	18.8	108%	80% - 120%
Li									29.3	26.5	90%	80% - 120%				
Mg	1.0	1.05	105%	80% - 120%	9.66	9.48	98%	80% - 120%	9.38	9.55	102%	80% - 120%				
Mn	496.0	534	108%	80% - 120%	1010.0	988	98%	80% - 120%	930.0	966	104%	80% - 120%				
Nb													3.56	4	114%	80% - 120%
Nd													11.9	13.4	112%	80% - 120%
Ni					7050.0	7000	99%	80% - 120%	34286.0	35500	103%	80% - 120%				
P	0.056	0.056	99%	80% - 120%	0.029	0.027	92%	80% - 120%								
Pb													24.1	25	104%	80% - 120%
Pr													3.39	3.5	102%	80% - 120%
Rb													31.3	28	90%	80% - 120%
S					1.48	1.33	90%	80% - 120%	6.61	6.28	95%	80% - 120%				
Sc	9.27	10.1	109%	80% - 120%												
Si	33.99	37.0	109%	80% - 120%	24.02	24.9	104%	80% - 120%	19.68	19.4	98%	80% - 120%				
Sm													2.23	2.2	99%	80% - 120%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sr	402.0	438	109%	80% - 120%	61.0	60.0	98%	80% - 120%	54.0	55.6	103%	80% - 120%				
Tb													0.31	0.3	98%	80% - 120%
Th													7.6	9	116%	80% - 120%
Ti	0.23	0.236	103%	80% - 120%	0.208	0.207	100%	80% - 120%	0.15	0.158	105%	80% - 120%				
Tl													0.6	1	98%	80% - 120%
Tm													0.19	0.2	89%	80% - 120%
V	61.0	59.9	98%	80% - 120%	77.0	67.7	88%	80% - 120%	62.0	64.0	103%	80% - 120%				
Y													11.3	9.9	87%	80% - 120%
Yb													1.23	1.2	97%	80% - 120%
Zn	217.0	230	106%	80% - 120%	90.0	92.2	102%	80% - 120%	133.0	138	104%	80% - 120%				
Zr													63.0	60.8	97%	80% - 120%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O852503

PROJECT: 2021 Surimeau DDH Batch 73

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O852503

PROJECT: 2021 Surimeau DDH Batch 73

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O852503

PROJECT: 2021 Surimeau DDH Batch 73

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Crush-Pass %			BALANCE
Pul-Pass %			BALANCE

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 74

AGAT WORK ORDER: 22O852504

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Mar 10, 2022

PAGES (INCLUDING COVER): 21

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

Disclaimer:

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project Manager if you require additional sample storage time.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
- The test results reported herewith relate only to the samples as received by the laboratory.
- Measurement Uncertainty is not taken into consideration when stating conformity with a specified requirement.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852504

PROJECT: 2021 Surimeau DDH Batch 74

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
65901 (3416471)	3.030
65902 (3416472)	0.880
65903 (3416473)	2.970
65904 (3416474)	3.060
65905 (3416475)	3.240
65906 (3416476)	2.120
65907 (3416477)	3.220
65908 (3416478)	1.930
65909 (3416479)	3.190
65910 (3416480)	1.760
65911 (3416481)	3.110
65912 C-DUP (3416482)	-
65913 (3416483)	1.810
65914 (3416484)	1.870
65915 (3416485)	0.970
65916 (3416486)	2.310
65917 (3416487)	2.740
65918 (3416488)	2.130
65919 (3416489)	1.720
65920 (3416490)	2.330
65921 (3416491)	3.270
65922 (3416492)	0.910
65923 (3416493)	2.920
65924 (3416494)	2.950
65925 (3416495)	3.550
65926 (3416496)	3.370
65927 (3416497)	3.440
65928 (3416498)	3.570
65929 (3416499)	3.750
65930 (3416500)	3.360
65931 (3416501)	3.340

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852504

PROJECT: 2021 Surimeau DDH Batch 74

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
65932 (3416502)	3.540
65933 (3416503)	3.160
65934 (3416504)	3.450
65935 (3416505)	3.750
65936 (3416506)	2.330
65937 (3416507)	2.230
65938 (3416508)	3.170
65939 (3416509)	2.190
65940 (3416510)	2.160
65941 (3416511)	2.510
65942 (3416512)	1.210
65943 (3416513)	2.450
65944 (3416514)	2.750
65945 C-DUP (3416515)	-
65946 (3416516)	2.310
65947 (3416517)	2.300
65948 (3416518)	2.340
65949 (3416519)	3.810
65950 (3416520)	2.780

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852504

PROJECT: 2021 Surimeau DDH Batch 74

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
65901 (3416471)	<1	4.34	<5	38	197	<5	0.4	5.45	<0.2	10.0	87.2	0.215	7.9	57
65902 (3416472)	1	0.12	<5	<20	16.1	<5	<0.1	36.6	<0.2	1.2	0.9	0.006	0.1	<5
65903 (3416473)	9	3.73	<5	36	3.7	<5	0.5	5.17	<0.2	3.8	97.8	0.236	0.4	49
65904 (3416474)	1	3.59	<5	29	1.1	<5	0.5	4.89	<0.2	1.4	95.0	0.229	0.3	43
65905 (3416475)	6	2.82	<5	23	130	<5	0.7	6.60	<0.2	1.5	88.4	0.197	5.0	80
65906 (3416476)	1	5.51	<5	30	1040	<5	0.5	5.50	<0.2	46.4	67.1	0.155	11.7	123
65907 (3416477)	3	6.80	<5	33	823	<5	0.2	6.12	0.6	54.0	43.4	0.059	1.5	139
65908 (3416478)	1	6.69	<5	32	759	<5	0.6	5.68	2.2	58.1	47.2	0.055	1.5	167
65909 (3416479)	1	9.08	<5	30	677	<5	0.7	3.17	2.4	67.7	41.5	0.038	1.7	185
65910 (3416480)	<1	9.12	<5	31	645	<5	0.5	1.45	<0.2	82.1	31.0	0.041	4.2	61
65911 (3416481)	3	9.86	<5	24	526	<5	0.2	1.39	<0.2	63.7	28.9	0.038	4.3	68
65912 C-DUP (3416482)	<1	9.90	<5	20	561	<5	0.3	1.29	<0.2	61.3	28.3	0.042	4.2	74
65913 (3416483)	<1	9.60	<5	133	486	<5	0.4	1.15	<0.2	68.7	30.3	0.039	4.7	48
65914 (3416484)	2	9.64	<5	63	528	<5	0.4	1.88	<0.2	59.6	28.5	0.036	3.8	63
65915 (3416485)	2	9.36	<5	50	521	<5	0.5	1.80	<0.2	64.5	29.8	0.050	4.0	59
65916 (3416486)	1	3.60	<5	26	147	<5	0.4	4.60	<0.2	3.6	86.0	0.220	7.0	58
65917 (3416487)	4	5.08	<5	31	868	<5	0.4	8.46	<0.2	12.7	78.0	0.166	21.7	53
65918 (3416488)	2	4.11	<5	32	343	<5	0.2	7.10	<0.2	3.9	88.3	0.218	13.4	48
65919 (3416489)	1	3.82	<5	34	127	<5	0.3	8.73	<0.2	2.7	99.6	0.252	4.9	66
65920 (3416490)	2	2.96	<5	29	2.9	<5	0.3	5.94	<0.2	1.5	93.9	0.213	0.3	124
65921 (3416491)	2	2.70	<5	29	0.9	<5	0.6	4.04	<0.2	1.0	95.9	0.195	0.5	33
65922 (3416492)	4	0.07	<5	<20	14.3	<5	<0.1	35.8	<0.2	1.1	0.6	0.005	<0.1	<5
65923 (3416493)	<1	2.27	8	35	1.7	<5	0.8	2.88	<0.2	1.4	96.5	0.181	0.3	6
65924 (3416494)	3	2.27	<5	34	0.5	<5	0.5	1.77	<0.2	0.9	104	0.192	0.8	15
65925 (3416495)	<1	2.45	<5	43	2.8	<5	0.6	2.08	<0.2	1.0	102	0.194	0.6	24
65926 (3416496)	<1	2.51	<5	35	<0.5	<5	0.7	4.24	<0.2	1.9	95.7	0.185	0.3	12
65927 (3416497)	<1	2.82	<5	27	1.1	<5	0.5	3.80	<0.2	6.4	93.2	0.187	0.2	28
65928 (3416498)	<1	3.05	<5	25	80.5	<5	0.2	5.94	<0.2	2.3	81.6	0.197	3.0	47
65929 (3416499)	<1	2.93	<5	29	1.0	<5	0.2	5.10	<0.2	2.5	85.0	0.185	0.4	54
65930 (3416500)	<1	3.68	<5	31	609	<5	0.1	5.60	<0.2	3.0	74.6	0.231	22.2	<5
65931 (3416501)	<1	6.56	<5	41	588	<5	0.9	6.97	<0.2	50.2	66.3	0.153	16.8	48
65932 (3416502)	<1	4.90	<5	36	246	<5	0.4	6.29	<0.2	2.9	85.1	0.260	9.6	9

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852504

PROJECT: 2021 Surimeau DDH Batch 74

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
65933 (3416503)	<1	4.68	<5	35	21.5	<5	0.2	6.79	<0.2	2.8	88.9	0.246	1.1	64
65934 (3416504)	<1	5.22	<5	44	83.8	<5	0.2	5.86	<0.2	2.5	91.6	0.253	2.8	80
65935 (3416505)	<1	3.59	<5	33	1.5	<5	0.3	6.30	<0.2	2.8	92.5	0.225	0.2	54
65936 (3416506)	<1	3.67	<5	25	1.3	<5	0.3	7.66	<0.2	2.0	107	0.254	0.3	42
65937 (3416507)	<1	3.18	<5	25	1.7	<5	0.2	6.37	<0.2	1.6	87.2	0.212	0.2	61
65938 (3416508)	<1	2.81	<5	28	<0.5	<5	0.2	5.24	<0.2	1.2	87.5	0.199	0.2	33
65939 (3416509)	<1	2.92	<5	29	0.6	<5	0.3	3.69	<0.2	1.0	93.9	0.215	0.2	33
65940 (3416510)	<1	2.80	<5	25	<0.5	<5	0.2	7.49	<0.2	1.4	90.3	0.202	0.2	37
65941 (3416511)	<1	1.91	7	<20	2.5	<5	<0.1	18.4	<0.2	2.1	58.9	0.130	0.1	<5
65942 (3416512)	<1	1.91	<5	<20	2.6	<5	<0.1	18.5	<0.2	1.9	52.1	0.127	0.1	<5
65943 (3416513)	<1	2.56	<5	25	1.7	<5	0.2	10.7	<0.2	1.6	79.8	0.189	0.1	23
65944 (3416514)	<1	3.51	<5	29	5.0	<5	0.2	8.66	<0.2	1.6	107	0.247	0.2	23
65945 C-DUP (3416515)	<1	3.40	<5	29	4.8	<5	0.2	8.34	<0.2	1.6	101	0.239	0.2	20
65946 (3416516)	<1	5.71	<5	36	76.5	<5	0.7	6.22	<0.2	3.6	152	0.408	0.6	125
65947 (3416517)	<1	5.83	<5	29	62.6	<5	0.7	6.49	<0.2	2.7	121	0.357	0.4	106
65948 (3416518)	<1	4.26	<5	29	11.5	<5	0.3	7.21	<0.2	2.0	108	0.286	0.9	22
65949 (3416519)	<1	2.80	<5	23	8.1	<5	0.2	6.81	<0.2	1.1	95.1	0.191	0.8	16
65950 (3416520)	<1	4.92	<5	25	150	<5	0.5	6.07	<0.2	2.8	163	0.366	8.4	53

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852504

PROJECT: 2021 Surimeau DDH Batch 74

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
65901 (3416471)	1.86	1.12	0.30	8.15	11.5	1.81	2	<1	0.37	<0.2	1.03	4.9	29	0.16
65902 (3416472)	0.26	0.20	0.05	0.14	0.48	0.26	<1	<1	0.05	<0.2	<0.05	1.3	<10	<0.05
65903 (3416473)	1.37	0.76	0.21	7.43	7.94	1.16	3	<1	0.29	<0.2	<0.05	1.7	<10	0.11
65904 (3416474)	1.19	0.82	0.18	7.49	8.76	1.01	3	<1	0.26	<0.2	<0.05	0.6	<10	0.13
65905 (3416475)	1.14	0.78	0.25	6.47	8.96	0.89	4	<1	0.23	<0.2	0.79	0.6	18	0.11
65906 (3416476)	2.93	1.57	1.41	7.78	18.4	4.35	2	2	0.58	<0.2	2.07	21.6	52	0.22
65907 (3416477)	3.29	1.90	1.66	7.12	18.2	4.72	1	3	0.64	<0.2	0.69	26.7	32	0.25
65908 (3416478)	4.03	2.26	1.82	7.24	19.9	5.60	3	3	0.79	0.5	0.84	27.5	36	0.31
65909 (3416479)	3.58	1.97	1.64	5.46	24.9	4.61	1	4	0.66	0.3	1.90	34.9	21	0.29
65910 (3416480)	3.38	1.92	1.50	5.91	25.0	5.16	2	3	0.65	<0.2	3.31	43.2	53	0.26
65911 (3416481)	3.30	1.76	1.38	5.44	24.6	4.16	2	4	0.64	<0.2	2.43	32.7	63	0.24
65912 C-DUP (3416482)	3.25	1.67	1.35	5.18	24.9	4.31	2	4	0.61	<0.2	2.37	31.0	61	0.25
65913 (3416483)	3.71	1.92	1.47	5.54	25.2	4.84	2	3	0.70	<0.2	2.72	34.9	68	0.28
65914 (3416484)	3.25	1.85	1.45	5.38	23.5	4.31	1	4	0.63	<0.2	2.54	30.5	60	0.27
65915 (3416485)	3.67	1.97	1.54	5.43	24.5	4.45	1	3	0.65	<0.2	2.51	33.4	59	0.25
65916 (3416486)	1.55	0.99	0.41	7.39	10.3	1.38	2	<1	0.31	<0.2	0.67	1.3	27	0.15
65917 (3416487)	2.53	1.61	0.79	8.55	11.8	2.42	<1	1	0.50	<0.2	2.60	5.8	106	0.23
65918 (3416488)	1.61	1.03	0.48	8.01	10.1	1.31	1	<1	0.32	<0.2	1.47	1.6	64	0.14
65919 (3416489)	1.53	1.05	0.59	7.83	7.40	1.22	1	<1	0.30	<0.2	0.50	1.3	26	0.13
65920 (3416490)	1.20	0.82	0.21	6.99	6.45	0.93	2	<1	0.26	<0.2	<0.05	0.5	<10	0.11
65921 (3416491)	1.00	0.57	0.13	6.42	7.23	0.75	2	<1	0.19	<0.2	<0.05	0.3	<10	0.08
65922 (3416492)	0.28	0.17	0.05	0.14	0.29	0.26	<1	<1	0.05	<0.2	<0.05	1.3	<10	<0.05
65923 (3416493)	1.02	0.63	0.12	6.32	5.77	0.78	1	<1	0.20	<0.2	<0.05	0.5	<10	0.08
65924 (3416494)	0.82	0.51	0.10	6.59	5.60	0.61	1	<1	0.17	<0.2	<0.05	0.3	<10	0.08
65925 (3416495)	0.76	0.55	0.13	6.65	5.74	0.69	1	<1	0.17	<0.2	<0.05	0.4	<10	0.08
65926 (3416496)	1.00	0.59	0.24	7.60	5.40	0.76	1	<1	0.21	<0.2	<0.05	0.8	<10	0.09
65927 (3416497)	1.30	0.74	0.54	6.84	7.59	1.20	1	<1	0.26	<0.2	<0.05	2.9	<10	0.10
65928 (3416498)	1.33	0.87	0.46	6.50	8.12	1.05	1	<1	0.27	<0.2	0.32	0.8	11	0.12
65929 (3416499)	1.27	0.80	0.39	6.37	7.78	1.10	2	<1	0.26	<0.2	<0.05	0.9	<10	0.10
65930 (3416500)	1.41	0.87	0.60	6.83	9.63	1.28	2	<1	0.29	<0.2	2.53	1.0	68	0.13
65931 (3416501)	3.92	1.91	1.89	8.65	17.6	5.29	1	3	0.71	<0.2	2.15	23.4	85	0.27
65932 (3416502)	1.82	1.16	0.63	8.05	11.5	1.52	1	<1	0.39	<0.2	1.13	1.1	43	0.15

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852504

PROJECT: 2021 Surimeau DDH Batch 74

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
65933 (3416503)	1.76	1.10	0.43	8.19	10.1	1.33	1	<1	0.38	<0.2	0.12	1.3	16	0.16
65934 (3416504)	2.16	1.47	0.53	9.29	12.1	1.76	1	<1	0.46	<0.2	0.33	1.0	24	0.17
65935 (3416505)	1.43	0.83	0.26	7.12	7.72	1.14	1	<1	0.30	<0.2	<0.05	1.0	<10	0.11
65936 (3416506)	1.48	0.93	0.35	7.28	8.70	1.14	2	<1	0.34	<0.2	<0.05	0.8	<10	0.13
65937 (3416507)	1.44	0.91	0.24	7.25	8.35	1.17	1	<1	0.30	<0.2	<0.05	0.6	<10	0.14
65938 (3416508)	1.15	0.80	0.14	6.48	6.43	0.82	2	<1	0.24	<0.2	<0.05	0.4	<10	0.11
65939 (3416509)	1.07	0.68	0.11	6.85	6.89	0.77	2	<1	0.23	<0.2	<0.05	0.4	<10	0.10
65940 (3416510)	1.01	0.69	0.19	6.43	6.05	0.86	2	<1	0.23	<0.2	<0.05	0.6	<10	0.09
65941 (3416511)	1.08	0.64	0.69	4.60	4.06	0.84	1	<1	0.21	<0.2	<0.05	1.0	<10	0.09
65942 (3416512)	0.95	0.56	0.64	4.61	3.56	0.69	1	<1	0.19	<0.2	<0.05	1.0	<10	0.08
65943 (3416513)	1.16	0.79	0.25	6.53	5.82	0.87	2	<1	0.26	<0.2	<0.05	0.6	<10	0.12
65944 (3416514)	1.42	0.91	0.42	7.03	8.44	1.22	2	<1	0.30	<0.2	0.06	0.6	<10	0.13
65945 C-DUP (3416515)	1.38	0.88	0.40	6.73	8.14	1.10	2	<1	0.29	<0.2	0.07	0.5	<10	0.13
65946 (3416516)	2.56	1.78	0.60	8.44	13.4	1.86	1	<1	0.56	<0.2	0.15	1.5	12	0.26
65947 (3416517)	2.59	1.63	0.54	8.33	13.4	1.91	1	<1	0.50	<0.2	0.13	1.1	12	0.23
65948 (3416518)	1.64	1.09	0.41	7.22	10.2	1.18	2	<1	0.35	<0.2	0.14	0.8	14	0.15
65949 (3416519)	1.00	0.63	0.13	6.30	6.72	0.76	2	<1	0.23	<0.2	0.07	0.4	10	0.11
65950 (3416520)	2.44	1.49	0.49	7.10	10.9	1.75	1	<1	0.50	<0.2	0.95	1.1	36	0.21

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852504

PROJECT: 2021 Surimeau DDH Batch 74

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
65901 (3416471)	13.2	1350	<2	<1	6.2	925	0.04	6	1.32	46.5	0.88	<0.1	29	19.5
65902 (3416472)	1.36	102	<2	<1	1.1	<5	<0.01	<5	0.24	0.5	0.50	<0.1	<5	3.38
65903 (3416473)	14.9	1170	<2	<1	2.8	1390	0.02	7	0.55	0.9	1.14	<0.1	24	21.8
65904 (3416474)	14.7	1080	<2	<1	1.5	1260	0.01	<5	0.26	0.6	1.20	<0.1	24	20.8
65905 (3416475)	13.3	1310	<2	<1	1.5	1310	<0.01	6	0.26	36.6	1.36	0.3	19	21.9
65906 (3416476)	9.42	1380	3	3	25.9	594	0.13	13	6.07	91.1	0.97	<0.1	28	23.3
65907 (3416477)	5.48	1290	12	3	28.6	127	0.14	23	6.99	26.4	1.24	0.3	32	25.2
65908 (3416478)	5.27	1290	39	4	33.4	168	0.18	23	7.71	33.1	2.00	0.3	28	25.4
65909 (3416479)	1.38	563	108	6	32.3	156	0.07	24	8.18	78.5	2.91	0.6	22	26.9
65910 (3416480)	2.34	625	2	5	38.6	116	0.07	18	9.66	144	2.73	0.6	22	26.4
65911 (3416481)	2.39	580	19	5	29.7	110	0.06	20	7.66	90.9	0.58	0.6	22	27.6
65912 C-DUP (3416482)	2.43	566	15	5	29.3	108	0.06	20	7.52	90.5	0.57	0.8	23	26.7
65913 (3416483)	2.41	606	3	5	33.0	113	0.06	16	8.35	102	0.39	0.9	22	28.2
65914 (3416484)	2.39	581	5	6	28.7	100	0.08	20	7.28	92.3	0.70	0.8	22	27.5
65915 (3416485)	2.35	584	4	6	30.5	220	0.08	19	7.76	93.2	0.68	0.6	21	27.8
65916 (3416486)	13.3	1290	<2	<1	3.1	1070	<0.01	<5	0.61	34.1	0.36	6.4	25	21.0
65917 (3416487)	9.22	1930	<2	1	8.1	487	0.04	6	1.72	119	0.21	0.6	33	18.0
65918 (3416488)	11.1	1530	<2	<1	3.1	906	<0.01	<5	0.58	67.9	0.13	<0.1	26	20.9
65919 (3416489)	11.7	1710	<2	<1	2.2	1240	<0.01	<5	0.40	23.3	0.27	<0.1	25	19.4
65920 (3416490)	14.2	1050	<2	<1	1.7	1390	0.01	<5	0.25	0.6	0.56	<0.1	21	22.6
65921 (3416491)	15.2	1030	<2	<1	1.0	1680	<0.01	<5	0.18	0.5	0.16	<0.1	18	22.0
65922 (3416492)	1.56	105	<2	<1	1.1	<5	<0.01	<5	0.21	<0.2	0.49	<0.1	<5	3.87
65923 (3416493)	17.0	1030	<2	<1	1.4	1710	<0.01	<5	0.23	0.2	0.08	<0.1	16	20.4
65924 (3416494)	18.8	1020	<2	<1	0.9	1950	<0.01	<5	0.16	0.6	0.04	<0.1	16	18.9
65925 (3416495)	17.6	1020	<2	<1	1.0	1770	<0.01	<5	0.18	0.5	0.06	<0.1	18	19.3
65926 (3416496)	16.4	1310	<2	<1	1.6	1610	<0.01	<5	0.30	0.3	0.10	<0.1	18	23.6
65927 (3416497)	15.1	1210	<2	<1	4.0	1450	0.01	<5	0.89	0.3	0.15	<0.1	19	20.6
65928 (3416498)	13.3	1050	<2	<1	2.2	1100	<0.01	<5	0.37	15.1	0.31	<0.1	20	23.1
65929 (3416499)	14.2	1030	<2	<1	2.4	1270	<0.01	<5	0.40	0.6	0.30	<0.1	20	23.0
65930 (3416500)	11.7	1100	<2	<1	2.7	859	<0.01	<5	0.47	121	0.09	<0.1	18	23.4
65931 (3416501)	8.92	1560	<2	4	29.2	475	0.14	8	6.63	91.7	0.10	<0.1	29	20.9
65932 (3416502)	10.9	1490	<2	<1	2.7	798	0.01	<5	0.47	51.0	0.08	<0.1	29	21.5

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852504

PROJECT: 2021 Surimeau DDH Batch 74

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
65933 (3416503)	11.5	1500	<2	<1	2.4	773	<0.01	<5	0.43	4.3	0.15	<0.1	28	19.5
65934 (3416504)	11.2	1610	<2	<1	2.7	629	0.01	<5	0.45	14.7	0.16	<0.1	36	19.6
65935 (3416505)	13.3	1100	<2	<1	2.5	1310	0.01	<5	0.44	0.5	0.18	<0.1	23	22.6
65936 (3416506)	12.2	1630	<2	<1	1.8	1430	<0.01	<5	0.33	0.7	0.20	<0.1	25	20.4
65937 (3416507)	13.0	1550	<2	<1	1.7	1120	0.01	<5	0.30	0.2	0.27	<0.1	22	22.2
65938 (3416508)	14.2	1040	<2	<1	1.3	1290	<0.01	<5	0.21	0.3	0.18	<0.1	21	22.0
65939 (3416509)	13.4	919	<2	<1	1.1	1450	<0.01	<5	0.18	0.3	0.15	<0.1	20	19.9
65940 (3416510)	12.7	1200	<2	<1	1.4	1330	<0.01	<5	0.24	<0.2	0.25	<0.1	20	19.8
65941 (3416511)	8.17	2080	<2	<1	1.6	785	<0.01	5	0.26	<0.2	0.27	<0.1	14	13.1
65942 (3416512)	8.07	2090	<2	<1	1.4	694	<0.01	5	0.29	<0.2	0.28	<0.1	14	13.0
65943 (3416513)	11.1	1770	<2	<1	1.5	1150	<0.01	<5	0.26	<0.2	0.26	<0.1	19	17.8
65944 (3416514)	10.2	1780	<2	<1	1.7	1440	0.01	<5	0.26	0.6	0.18	<0.1	24	20.9
65945 C-DUP (3416515)	9.79	1710	<2	<1	1.8	1350	<0.01	<5	0.27	0.5	0.17	<0.1	24	20.1
65946 (3416516)	5.43	2520	<2	<1	3.5	1920	<0.01	7	0.54	4.0	0.30	<0.1	40	23.8
65947 (3416517)	5.64	2270	<2	<1	2.9	1090	<0.01	<5	0.47	2.3	0.15	<0.1	39	22.6
65948 (3416518)	10.3	1840	<2	<1	2.0	1440	<0.01	<5	0.32	3.5	0.16	<0.1	28	21.8
65949 (3416519)	12.2	1520	<2	<1	1.3	1380	<0.01	<5	0.22	3.3	0.13	<0.1	18	23.4
65950 (3416520)	7.67	1910	<2	<1	2.7	2130	0.02	<5	0.46	39.1	0.24	<0.1	35	23.3

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852504

PROJECT: 2021 Surimeau DDH Batch 74

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
65901 (3416471)	1.5	<1	85.3	<0.5	0.29	0.8	0.28	0.6	0.17	0.17	168	<1	9.7	1.2
65902 (3416472)	0.2	<1	74.8	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.11	<5	<1	2.3	0.2
65903 (3416473)	0.8	<1	40.3	<0.5	0.19	0.2	0.19	<0.5	0.13	0.07	131	<1	7.2	0.9
65904 (3416474)	0.6	<1	49.7	<0.5	0.17	<0.1	0.19	<0.5	0.11	<0.05	136	<1	6.6	0.8
65905 (3416475)	0.5	<1	74.1	<0.5	0.17	<0.1	0.16	<0.5	0.12	<0.05	106	<1	6.2	0.7
65906 (3416476)	5.3	3	569	<0.5	0.54	3.9	0.40	1.1	0.22	1.18	194	<1	14.5	1.5
65907 (3416477)	5.7	3	732	<0.5	0.59	4.4	0.44	<0.5	0.25	1.29	213	<1	16.7	1.7
65908 (3416478)	6.6	5	713	<0.5	0.73	4.9	0.46	0.5	0.32	1.47	192	<1	20.1	2.2
65909 (3416479)	5.6	2	394	<0.5	0.62	8.5	0.37	1.1	0.26	2.40	133	<1	18.3	1.9
65910 (3416480)	6.3	<1	223	<0.5	0.61	7.4	0.39	2.1	0.26	2.14	150	2	18.2	1.8
65911 (3416481)	5.4	<1	223	<0.5	0.54	7.5	0.41	1.0	0.24	2.24	154	<1	16.8	1.8
65912 C-DUP (3416482)	5.1	<1	214	<0.5	0.55	7.7	0.39	1.1	0.23	2.32	159	<1	16.4	1.7
65913 (3416483)	5.9	<1	167	<0.5	0.68	7.9	0.40	0.9	0.31	2.28	153	<1	18.7	2.0
65914 (3416484)	5.2	<1	249	<0.5	0.56	7.5	0.40	0.7	0.26	2.13	149	<1	17.7	1.8
65915 (3416485)	5.6	<1	253	<0.5	0.61	7.6	0.40	0.8	0.27	2.14	144	<1	18.6	1.8
65916 (3416486)	1.0	<1	52.2	<0.5	0.22	0.1	0.21	<0.5	0.14	0.12	127	<1	8.5	1.0
65917 (3416487)	2.0	<1	251	<0.5	0.38	0.7	0.31	1.3	0.20	0.26	199	<1	13.7	1.5
65918 (3416488)	1.0	<1	116	<0.5	0.24	0.1	0.22	0.7	0.14	0.06	160	<1	8.6	1.0
65919 (3416489)	0.8	<1	151	<0.5	0.22	<0.1	0.21	<0.5	0.14	<0.05	139	<1	8.4	0.9
65920 (3416490)	0.6	<1	50.8	<0.5	0.17	<0.1	0.17	<0.5	0.12	0.08	120	<1	6.8	0.8
65921 (3416491)	0.4	<1	54.6	<0.5	0.14	<0.1	0.15	<0.5	0.08	<0.05	90	<1	5.4	0.6
65922 (3416492)	0.2	<1	77.1	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.22	<5	<1	2.4	0.2
65923 (3416493)	0.4	<1	127	<0.5	0.14	<0.1	0.12	<0.5	0.08	<0.05	84	<1	4.9	0.5
65924 (3416494)	0.4	<1	85.4	<0.5	0.11	<0.1	0.12	<0.5	0.09	<0.05	85	<1	4.3	0.6
65925 (3416495)	0.4	<1	99.0	<0.5	0.12	<0.1	0.13	<0.5	0.08	<0.05	93	<1	4.3	0.5
65926 (3416496)	0.5	<1	169	<0.5	0.15	<0.1	0.16	<0.5	0.09	<0.05	94	<1	5.8	0.6
65927 (3416497)	1.0	<1	94.0	<0.5	0.17	0.4	0.17	<0.5	0.11	0.08	100	<1	6.5	0.7
65928 (3416498)	0.8	<1	23.3	<0.5	0.19	<0.1	0.16	<0.5	0.11	0.12	104	<1	7.3	0.8
65929 (3416499)	0.7	<1	18.8	<0.5	0.18	0.1	0.14	<0.5	0.12	0.11	98	<1	6.9	0.8
65930 (3416500)	1.1	<1	27.9	<0.5	0.22	0.1	0.17	1.3	0.14	0.11	122	<1	8.1	0.9
65931 (3416501)	6.0	<1	179	<0.5	0.66	3.7	0.45	1.0	0.27	1.10	204	<1	18.7	1.8
65932 (3416502)	1.0	<1	49.1	<0.5	0.26	<0.1	0.24	0.5	0.17	<0.05	169	<1	9.8	1.1

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852504

PROJECT: 2021 Surimeau DDH Batch 74

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
65933 (3416503)	0.9	<1	89.7	<0.5	0.26	<0.1	0.23	<0.5	0.16	<0.05	168	<1	9.5	1.1
65934 (3416504)	1.1	<1	59.8	<0.5	0.30	<0.1	0.30	<0.5	0.18	0.05	204	<1	11.7	1.3
65935 (3416505)	0.8	<1	29.5	<0.5	0.19	0.2	0.18	<0.5	0.11	0.06	126	<1	7.4	0.8
65936 (3416506)	0.8	<1	86.7	<0.5	0.22	<0.1	0.20	<0.5	0.14	<0.05	138	<1	8.4	0.9
65937 (3416507)	0.7	<1	34.3	<0.5	0.19	<0.1	0.17	<0.5	0.13	<0.05	130	<1	7.7	0.9
65938 (3416508)	0.6	<1	32.8	<0.5	0.14	<0.1	0.15	<0.5	0.10	<0.05	105	<1	6.5	0.7
65939 (3416509)	0.4	<1	34.4	<0.5	0.15	<0.1	0.16	<0.5	0.11	<0.05	105	<1	5.6	0.7
65940 (3416510)	0.6	<1	74.7	<0.5	0.15	<0.1	0.15	<0.5	0.11	<0.05	107	<1	5.9	0.7
65941 (3416511)	0.5	<1	336	<0.5	0.15	<0.1	0.10	<0.5	0.10	<0.05	75	<1	6.0	0.6
65942 (3416512)	0.5	<1	325	<0.5	0.14	<0.1	0.10	<0.5	0.08	<0.05	77	<1	5.4	0.6
65943 (3416513)	0.5	<1	122	<0.5	0.17	<0.1	0.15	<0.5	0.11	<0.05	100	<1	6.8	0.8
65944 (3416514)	0.7	<1	59.1	<0.5	0.20	<0.1	0.19	<0.5	0.13	<0.05	132	<1	8.0	0.8
65945 C-DUP (3416515)	0.6	<1	55.9	<0.5	0.20	<0.1	0.18	<0.5	0.12	<0.05	130	<1	7.7	0.9
65946 (3416516)	1.2	<1	140	<0.5	0.36	<0.1	0.32	<0.5	0.24	0.08	227	<1	15.1	1.6
65947 (3416517)	1.2	<1	96.3	<0.5	0.34	<0.1	0.32	<0.5	0.22	<0.05	232	<1	14.1	1.5
65948 (3416518)	0.8	1	19.4	<0.5	0.24	<0.1	0.22	<0.5	0.14	<0.05	154	<1	8.8	0.9
65949 (3416519)	0.5	<1	12.1	<0.5	0.15	<0.1	0.14	<0.5	0.10	<0.05	100	<1	5.6	0.6
65950 (3416520)	1.0	<1	102	<0.5	0.33	<0.1	0.26	<0.5	0.21	0.08	191	<1	12.6	1.5

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852504

PROJECT: 2021 Surimeau DDH Batch 74

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
65901 (3416471)	94	29.2
65902 (3416472)	<5	1.8
65903 (3416473)	60	17.6
65904 (3416474)	51	16.7
65905 (3416475)	77	12.9
65906 (3416476)	170	78.0
65907 (3416477)	375	99.1
65908 (3416478)	1230	105
65909 (3416479)	1010	131
65910 (3416480)	96	118
65911 (3416481)	142	125
65912 C-DUP (3416482)	137	119
65913 (3416483)	111	119
65914 (3416484)	91	123
65915 (3416485)	89	120
65916 (3416486)	71	17.0
65917 (3416487)	120	34.3
65918 (3416488)	65	21.8
65919 (3416489)	56	17.9
65920 (3416490)	48	14.1
65921 (3416491)	45	12.9
65922 (3416492)	<5	1.2
65923 (3416493)	45	11.6
65924 (3416494)	45	15.0
65925 (3416495)	44	10.5
65926 (3416496)	61	10.2
65927 (3416497)	48	25.2
65928 (3416498)	50	11.5
65929 (3416499)	48	10.9
65930 (3416500)	61	12.8
65931 (3416501)	83	102
65932 (3416502)	69	21.8

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852504

PROJECT: 2021 Surimeau DDH Batch 74

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
65933 (3416503)	61	21.8
65934 (3416504)	76	28.1
65935 (3416505)	51	16.4
65936 (3416506)	55	17.8
65937 (3416507)	54	14.8
65938 (3416508)	45	13.2
65939 (3416509)	49	16.8
65940 (3416510)	44	12.8
65941 (3416511)	28	8.4
65942 (3416512)	32	7.4
65943 (3416513)	41	13.2
65944 (3416514)	52	16.6
65945 C-DUP (3416515)	50	15.8
65946 (3416516)	80	27.9
65947 (3416517)	71	29.2
65948 (3416518)	62	19.9
65949 (3416519)	57	12.2
65950 (3416520)	72	23.6

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852504

PROJECT: 2021 Surimeau DDH Batch 74

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Crush-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
65901 (3416471)	78.92
65920 (3416490)	76.74
65940 (3416510)	77.29

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852504

PROJECT: 2021 Surimeau DDH Batch 74

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Pul-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
65901 (3416471)	87.15
65920 (3416490)	89.32
65940 (3416510)	86.03

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 22O852504

PROJECT: 2021 Surimeau DDH Batch 74

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	3416471	< 1	< 1	0.0%	3416485	2	< 1		3416496	< 1	< 1	0.0%	3416511	< 1	< 1	0.0%
Al	3416471	4.34	4.25	2.1%	3416485	9.36	9.00	3.9%	3416496	2.51	2.62	4.3%	3416511	1.91	1.90	0.5%
As	3416471	< 5	< 5	0.0%	3416485	< 5	< 5	0.0%	3416496	< 5	< 5	0.0%	3416511	7	5	
B	3416471	38	30	23.5%	3416485	50	51	2.0%	3416496	35	37	5.6%	3416511	< 20	<20	0.0%
Ba	3416471	197	179	9.6%	3416485	521	517	0.8%	3416496	< 0.5	1.0		3416511	2.5	3.4	30.5%
Be	3416471	< 5	< 5	0.0%	3416485	< 5	< 5	0.0%	3416496	< 5	< 5	0.0%	3416511	< 5	< 5	0.0%
Bi	3416471	0.4	0.4	0.0%	3416485	0.5	0.5	0.0%	3416496	0.7	0.88	22.8%	3416511	< 0.1	0.1	
Ca	3416471	5.45	5.56	2.0%	3416485	1.80	1.78	1.1%	3416496	4.24	3.48	19.7%	3416511	18.4	18.4	0.0%
Cd	3416471	< 0.2	< 0.2	0.0%	3416485	< 0.2	< 0.2	0.0%	3416496	< 0.2	< 0.2	0.0%	3416511	< 0.2	< 0.2	0.0%
Ce	3416471	10.0	9.90	1.0%	3416485	64.5	62.4	3.3%	3416496	1.9	1.9	0.0%	3416511	2.1	2.02	3.9%
Co	3416471	87.2	89.6	2.7%	3416485	29.8	28.2	5.5%	3416496	95.7	95.9	0.2%	3416511	58.9	57.6	2.2%
Cr	3416471	0.215	0.219	1.8%	3416485	0.050	0.038	27.3%	3416496	0.185	0.195	5.3%	3416511	0.130	0.129	0.8%
Cs	3416471	7.9	7.3	7.9%	3416485	4.0	4.0	0.0%	3416496	0.3	0.3	0.0%	3416511	0.1	0.16	46.2%
Cu	3416471	57	58	1.7%	3416485	59	54	8.8%	3416496	12	13	8.0%	3416511	< 5	<5	0.0%
Dy	3416471	1.86	1.85	0.5%	3416485	3.67	3.41	7.3%	3416496	1.00	1.00	0.0%	3416511	1.08	1.02	5.7%
Er	3416471	1.12	1.15	2.6%	3416485	1.97	1.72	13.6%	3416496	0.59	0.66	11.2%	3416511	0.64	0.64	0.0%
Eu	3416471	0.30	0.336	11.3%	3416485	1.54	1.65	6.9%	3416496	0.24	0.20	18.2%	3416511	0.69	0.66	4.4%
Fe	3416471	8.15	8.12	0.4%	3416485	5.43	5.34	1.7%	3416496	7.60	6.43	16.7%	3416511	4.60	4.60	0.0%
Ga	3416471	11.5	11.3	1.8%	3416485	24.5	23.6	3.7%	3416496	5.40	6.42	17.3%	3416511	4.06	3.97	2.2%
Gd	3416471	1.81	1.71	5.7%	3416485	4.45	4.50	1.1%	3416496	0.76	0.824	8.1%	3416511	0.84	0.81	3.6%
Ge	3416471	2	2	0.0%	3416485	1	2	66.7%	3416496	1	1	0.0%	3416511	1	1	0.0%
Hf	3416471	< 1	< 1	0.0%	3416485	3	3	0.0%	3416496	< 1	< 1	0.0%	3416511	< 1	< 1	0.0%
Ho	3416471	0.37	0.378	2.1%	3416485	0.65	0.63	3.1%	3416496	0.21	0.202	3.9%	3416511	0.21	0.204	2.9%
In	3416471	< 0.2	< 0.2	0.0%	3416485	< 0.2	< 0.2	0.0%	3416496	< 0.2	< 0.2	0.0%	3416511	< 0.2	< 0.2	0.0%
K	3416471	1.03	0.94	9.1%	3416485	2.51	2.47	1.6%	3416496	< 0.05	<0.05	0.0%	3416511	< 0.05	<0.05	0.0%
La	3416471	4.9	4.9	0.0%	3416485	33.4	32.1	4.0%	3416496	0.8	0.8	0.0%	3416511	1.0	1.06	5.8%
Li	3416471	29	27	7.1%	3416485	59	59	0.0%	3416496	< 10	<10	0.0%	3416511	< 10	<10	0.0%
Lu	3416471	0.16	0.16	0.0%	3416485	0.25	0.267	6.6%	3416496	0.09	0.10	10.5%	3416511	0.09	0.096	6.5%
Mg	3416471	13.2	13.2	0.0%	3416485	2.35	2.31	1.7%	3416496	16.4	16.4	0.0%	3416511	8.17	8.16	0.1%
Mn	3416471	1350	1350	0.0%	3416485	584	574	1.7%	3416496	1310	1100	17.4%	3416511	2080	2090	0.5%
Mo	3416471	< 2	< 2	0.0%	3416485	4	3	28.6%	3416496	< 2	< 2	0.0%	3416511	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Nb	3416471	< 1	< 1	0.0%	3416485	6	6	0.0%	3416496	< 1	< 1	0.0%	3416511	< 1	< 1	0.0%
Nd	3416471	6.2	5.81	6.5%	3416485	30.5	29.9	2.0%	3416496	1.6	1.6	0.0%	3416511	1.6	1.6	0.0%
Ni	3416471	925	964	4.1%	3416485	220	97	77.6%	3416496	1610	1610	0.0%	3416511	785	784	0.1%
P	3416471	0.04	0.04	0.0%	3416485	0.08	0.09	11.8%	3416496	< 0.01	<0.01	0.0%	3416511	< 0.01	<0.01	0.0%
Pb	3416471	6	< 5		3416485	19	25	27.3%	3416496	< 5	< 5	0.0%	3416511	5	6	18.2%
Pr	3416471	1.32	1.32	0.0%	3416485	7.76	7.65	1.4%	3416496	0.30	0.25	18.2%	3416511	0.26	0.251	3.5%
Rb	3416471	46.5	44.1	5.3%	3416485	93.2	91.9	1.4%	3416496	0.3	0.25	18.2%	3416511	< 0.2	< 0.2	0.0%
S	3416471	0.88	0.89	1.1%	3416485	0.68	0.66	3.0%	3416496	0.10	0.10	0.0%	3416511	0.27	0.27	0.0%
Sb	3416471	< 0.1	< 0.1	0.0%	3416485	0.6	0.4	40.0%	3416496	< 0.1	< 0.1	0.0%	3416511	< 0.1	< 0.1	0.0%
Sc	3416471	29	29	0.0%	3416485	21	21	0.0%	3416496	18	18	0.0%	3416511	14	14	0.0%
Si	3416471	19.5	19.7	1.0%	3416485	27.8	27.2	2.2%	3416496	23.6	19.9	17.0%	3416511	13.1	13.1	0.0%
Sm	3416471	1.5	1.5	0.0%	3416485	5.6	5.22	7.0%	3416496	0.5	0.5	0.0%	3416511	0.5	0.60	18.2%
Sn	3416471	< 1	< 1	0.0%	3416485	< 1	2		3416496	< 1	< 1	0.0%	3416511	< 1	< 1	0.0%
Sr	3416471	85.3	85.8	0.6%	3416485	253	250	1.2%	3416496	169	138	20.2%	3416511	336	336	0.0%
Ta	3416471	< 0.5	< 0.5	0.0%	3416485	< 0.5	< 0.5	0.0%	3416496	< 0.5	< 0.5	0.0%	3416511	< 0.5	< 0.5	0.0%
Tb	3416471	0.29	0.29	0.0%	3416485	0.61	0.594	2.7%	3416496	0.15	0.15	0.0%	3416511	0.15	0.15	0.0%
Th	3416471	0.8	0.75	6.5%	3416485	7.6	7.32	3.8%	3416496	< 0.1	< 0.1	0.0%	3416511	< 0.1	< 0.1	0.0%
Ti	3416471	0.28	0.27	3.6%	3416485	0.40	0.39	2.5%	3416496	0.16	0.14	13.3%	3416511	0.10	0.10	0.0%
Tl	3416471	0.6	0.52	14.3%	3416485	0.8	0.8	0.0%	3416496	< 0.5	< 0.5	0.0%	3416511	< 0.5	< 0.5	0.0%
Tm	3416471	0.17	0.17	0.0%	3416485	0.27	0.25	7.7%	3416496	0.09	0.096	6.5%	3416511	0.10	0.10	0.0%
U	3416471	0.17	0.19	11.1%	3416485	2.14	2.12	0.9%	3416496	< 0.05	0.05	0.0%	3416511	< 0.05	< 0.05	0.0%
V	3416471	168	168	0.0%	3416485	144	143	0.7%	3416496	94	97	3.1%	3416511	75	72	4.1%
W	3416471	< 1	< 1	0.0%	3416485	< 1	< 1	0.0%	3416496	< 1	< 1	0.0%	3416511	< 1	< 1	0.0%
Y	3416471	9.7	9.7	0.0%	3416485	18.6	17.1	8.4%	3416496	5.8	5.4	7.1%	3416511	6.0	6.0	0.0%
Yb	3416471	1.2	1.2	0.0%	3416485	1.8	1.7	5.7%	3416496	0.6	0.6	0.0%	3416511	0.6	0.6	0.0%
Zn	3416471	94	94	0.0%	3416485	89	93	4.4%	3416496	61	48	23.9%	3416511	28	30	6.9%
Zr	3416471	29.2	30.7	5.0%	3416485	120	115	4.3%	3416496	10.2	9.92	2.8%	3416511	8.4	8.48	0.9%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 22O852504

PROJECT: 2021 Surimeau DDH Batch 74

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.oreas-47)				CRM #2 (ref.oreas-74b)											
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Al	6.32	6.16	98%	80% - 120%	3.54	3.49	99%	80% - 120%								
Ba	473.0	473	100%	80% - 120%	210.0	213	102%	80% - 120%								
Ca	2.33	2.26	97%	80% - 120%	3.09	3.12	101%	80% - 120%								
Cr	112.86	90.1	80%	80% - 120%	978.0	965	99%	80% - 120%								
Cu					1021.0	966	95%	80% - 120%								
Fe	2.78	2.81	101%	80% - 120%	12.6	12.6	100%	80% - 120%								
K	1.18	1.11	94%	80% - 120%	0.72	0.692	96%	80% - 120%								
Li					29.3	26.0	89%	80% - 120%								
Mg	1.0	0.985	99%	80% - 120%	9.38	9.22	98%	80% - 120%								
Mn	496.0	492	99%	80% - 120%	930.0	900	97%	80% - 120%								
P	0.056	0.055	98%	80% - 120%												
S					6.61	6.13	93%	80% - 120%								
Sc	9.27	9.32	100%	80% - 120%												
Si	33.99	33.6	99%	80% - 120%	19.68	20.6	105%	80% - 120%								
Sr	402.0	376	93%	80% - 120%	54.0	51.0	94%	80% - 120%								
Ti	0.23	0.217	94%	80% - 120%	0.15	0.153	102%	80% - 120%								
V	61.0	58.0	95%	80% - 120%	62.0	59.0	95%	80% - 120%								
Zn	217.0	208	96%	80% - 120%	133.0	130	98%	80% - 120%								

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O852504

PROJECT: 2021 Surimeau DDH Batch 74

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED
AGAT WORK ORDER: 22O852504
PROJECT: 2021 Surimeau DDH Batch 74
ATTENTION TO: Francis Newton
SAMPLING SITE:
SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O852504

PROJECT: 2021 Surimeau DDH Batch 74

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Crush-Pass %			BALANCE
Pul-Pass %			BALANCE

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 75

AGAT WORK ORDER: 22O852506

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Mar 10, 2022

PAGES (INCLUDING COVER): 21

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

Disclaimer:

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project Manager if you require additional sample storage time.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
- The test results reported herewith relate only to the samples as received by the laboratory.
- Measurement Uncertainty is not taken into consideration when stating conformity with a specified requirement.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852506

PROJECT: 2021 Surimeau DDH Batch 75

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
65951 (3416522)	1.810
65952 (3416523)	0.840
65953 (3416524)	2.260
65954 (3416525)	2.550
65955 (3416526)	0.050
65956 (3416527)	3.080
65957 (3416528)	3.860
65958 (3416529)	4.240
65959 (3416530)	2.770
65960 (3416531)	3.620
65961 (3416532)	3.640
65962 C-DUP (3416533)	-
65963 (3416534)	3.770
65964 (3416535)	2.450
65965 (3416536)	0.950
65966 (3416537)	3.610
65967 (3416538)	2.920
65968 (3416539)	1.890
65969 (3416540)	1.530
65970 (3416541)	2.540
65971 (3416542)	2.610
65972 (3416543)	3.260
65973 (3416544)	4.110
65974 (3416545)	3.890
65975 (3416546)	3.820
65976 (3416547)	3.490
65977 (3416548)	2.730
65978 (3416549)	4.010
65979 (3416550)	3.000
65980 (3416551)	2.740
65981 (3416552)	1.220

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852506

PROJECT: 2021 Surimeau DDH Batch 75

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
65982 (3416553)	1.980
65983 (3416554)	3.870
65984 (3416555)	3.810
65985 (3416556)	1.470
65986 (3416557)	1.900
65987 (3416558)	1.920
65988 (3416559)	1.880
65989 (3416560)	1.430
65990 (3416561)	2.660
65991 (3416562)	3.900
65992 (3416563)	1.800
65993 (3416564)	3.690
65994 (3416565)	3.060
65995 C-DUP (3416566)	-
65996 (3416567)	2.440
65997 (3416568)	1.800
65998 (3416569)	1.050
65999 (3416570)	3.430
66000 (3416571)	2.690

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852506

PROJECT: 2021 Surimeau DDH Batch 75

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
65951 (3416522)	1	5.24	<5	38	150	<5	0.3	6.76	<0.2	3.6	118	0.346	11.3	100
65952 (3416523)	1	0.08	<5	<20	17.4	<5	<0.1	33.7	<0.2	1.3	0.5	0.011	0.2	<5
65953 (3416524)	<1	3.00	<5	25	0.8	<5	0.2	6.57	<0.2	1.1	95.8	0.210	0.2	52
65954 (3416525)	1	2.85	<5	29	0.6	<5	0.2	6.75	<0.2	0.9	95.4	0.197	0.4	54
65955 (3416526)	4	0.95	28	131	53.5	<5	0.7	2.22	1.0	10.9	1160	0.019	0.7	12400
65956 (3416527)	<1	4.68	<5	31	59.1	<5	0.4	11.2	<0.2	3.1	120	0.309	1.9	91
65957 (3416528)	<1	5.70	<5	30	33.7	<5	0.2	5.65	<0.2	3.0	118	0.376	1.1	59
65958 (3416529)	<1	4.16	<5	31	79.6	<5	0.2	8.15	<0.2	2.5	137	0.300	4.1	25
65959 (3416530)	<1	4.83	<5	35	8.8	<5	0.3	9.29	<0.2	2.6	165	0.358	0.2	18
65960 (3416531)	<1	2.97	<5	26	<0.5	<5	0.2	6.59	<0.2	1.0	95.5	0.200	0.2	24
65961 (3416532)	1	2.80	<5	20	<0.5	<5	0.2	7.45	<0.2	1.0	91.4	0.193	0.1	34
65962 C-DUP (3416533)	1	2.85	<5	28	1.2	<5	0.2	7.69	<0.2	1.1	91.5	0.197	0.2	39
65963 (3416534)	<1	3.36	<5	29	4.7	<5	0.3	7.79	<0.2	1.2	114	0.260	0.3	22
65964 (3416535)	1	3.05	<5	25	94.2	<5	0.2	7.93	<0.2	1.3	96.0	0.209	3.5	18
65965 (3416536)	1	3.38	<5	28	52.8	<5	0.1	9.41	<0.2	2.1	101	0.222	1.9	11
65966 (3416537)	1	5.99	<5	35	168	<5	0.5	6.67	<0.2	3.1	144	0.411	0.7	156
65967 (3416538)	1	2.66	<5	23	18.6	<5	<0.1	8.23	<0.2	1.0	83.6	0.192	0.2	<5
65968 (3416539)	2	3.33	<5	<20	23.1	<5	0.1	14.4	<0.2	1.6	104	0.232	0.1	25
65969 (3416540)	<1	5.10	<5	29	30.3	<5	0.2	7.58	<0.2	4.3	129	0.325	0.2	37
65970 (3416541)	<1	5.32	<5	26	43.9	<5	0.2	6.80	<0.2	3.8	181	0.382	0.4	69
65971 (3416542)	6	5.43	<5	36	133	<5	0.1	6.22	<0.2	4.8	167	0.432	5.3	72
65972 (3416543)	2	0.06	<5	<20	35.9	<5	<0.1	31.7	<0.2	0.9	0.8	0.009	0.1	<5
65973 (3416544)	2	5.65	<5	32	43.4	<5	<0.1	6.63	<0.2	3.3	152	0.355	0.5	56
65974 (3416545)	2	5.79	<5	31	36.5	<5	<0.1	7.12	<0.2	3.4	146	0.331	0.2	76
65975 (3416546)	<1	6.17	<5	35	47.9	<5	<0.1	6.78	<0.2	3.5	145	0.334	<0.1	81
65976 (3416547)	<1	5.52	<5	31	58.1	<5	0.2	8.73	<0.2	3.0	107	0.286	<0.1	41
65977 (3416548)	2	4.34	<5	34	115	<5	0.1	7.96	<0.2	1.9	72.5	0.184	0.1	<5
65978 (3416549)	<1	5.48	<5	37	109	<5	0.6	7.19	<0.2	4.0	142	0.367	0.1	91
65979 (3416550)	<1	5.76	<5	127	93.5	<5	1.2	6.85	<0.2	5.0	168	0.387	0.4	131
65980 (3416551)	1	5.01	<5	33	91.8	<5	1.3	10.1	<0.2	4.4	162	0.349	<0.1	180
65981 (3416552)	1	4.93	<5	43	99.4	<5	1.2	14.1	0.2	4.5	162	0.338	<0.1	247
65982 (3416553)	<1	5.97	<5	36	84.9	<5	1.3	9.03	0.2	3.9	192	0.334	<0.1	137

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852506

PROJECT: 2021 Surimeau DDH Batch 75

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
65983 (3416554)	<1	6.19	35	45	40.9	<5	1.1	7.37	<0.2	3.0	130	0.436	<0.1	73
65984 (3416555)	<1	5.61	95	44	15.5	<5	0.6	6.40	<0.2	3.4	148	0.407	0.1	60
65985 (3416556)	<1	5.44	<5	32	36.7	<5	0.7	5.46	<0.2	3.2	160	0.382	<0.1	69
65986 (3416557)	2	4.99	<5	47	139	<5	1.0	10.2	0.4	5.7	159	0.282	0.2	690
65987 (3416558)	2	6.36	<5	49	390	<5	1.1	7.76	5.4	13.7	211	0.249	0.5	659
65988 (3416559)	1	7.27	<5	47	450	<5	1.1	4.71	1.0	8.4	183	0.381	0.5	801
65989 (3416560)	<1	6.78	<5	39	163	<5	1.2	8.39	<0.2	6.4	162	0.416	0.2	143
65990 (3416561)	<1	4.23	<5	33	157	<5	0.6	8.23	<0.2	2.4	115	0.310	2.6	35
65991 (3416562)	<1	4.86	<5	33	176	<5	1.0	6.01	<0.2	3.7	136	0.358	8.5	76
65992 (3416563)	<1	5.04	<5	38	174	<5	1.1	6.10	<0.2	3.6	131	0.373	7.4	76
65993 (3416564)	<1	3.16	<5	26	90.7	<5	0.3	5.84	<0.2	2.0	81.2	0.197	6.0	45
65994 (3416565)	1	3.12	<5	28	96.8	<5	0.5	5.29	<0.2	3.1	88.3	0.192	7.4	67
65995 C-DUP (3416566)	<1	3.23	<5	28	99.4	<5	0.5	5.58	<0.2	2.8	86.1	0.200	7.2	75
65996 (3416567)	1	3.19	<5	30	138	<5	0.5	5.89	<0.2	1.3	91.4	0.211	9.5	69
65997 (3416568)	<1	5.33	<5	38	546	<5	0.8	4.95	<0.2	3.1	153	0.424	22.3	54
65998 (3416569)	<1	10.2	<5	<20	411	<5	<0.1	2.99	<0.2	122	11.2	0.019	0.8	26
65999 (3416570)	<1	5.12	<5	32	281	<5	0.6	7.65	0.2	3.4	129	0.365	3.7	16
66000 (3416571)	<1	4.48	<5	26	44.2	<5	0.2	10.9	<0.2	2.6	107	0.290	0.4	<5

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852506

PROJECT: 2021 Surimeau DDH Batch 75

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
65951 (3416522)	2.43	1.66	0.52	9.28	12.3	1.85	2	<1	0.54	<0.2	1.18	1.6	47	0.27
65952 (3416523)	0.38	0.28	0.05	0.17	0.46	0.39	1	<1	0.09	<0.2	<0.05	1.4	<10	<0.05
65953 (3416524)	1.11	0.71	0.14	6.61	7.45	0.83	2	<1	0.23	<0.2	<0.05	0.4	<10	0.10
65954 (3416525)	1.01	0.62	0.12	6.53	7.11	0.81	2	<1	0.22	<0.2	<0.05	0.3	<10	0.08
65955 (3416526)	0.91	0.52	0.29	31.9	3.53	1.05	<1	<1	0.18	<0.2	0.08	5.9	<10	0.07
65956 (3416527)	1.73	1.06	0.43	7.17	10.1	1.38	2	<1	0.36	<0.2	0.24	1.6	18	0.16
65957 (3416528)	2.19	1.37	0.42	8.43	11.2	1.74	1	<1	0.49	<0.2	0.16	1.2	12	0.18
65958 (3416529)	1.83	1.06	0.41	7.73	10.0	1.32	2	<1	0.37	<0.2	0.49	1.2	27	0.15
65959 (3416530)	2.35	1.50	0.63	7.44	9.86	1.69	1	<1	0.49	<0.2	0.11	1.2	12	0.20
65960 (3416531)	1.02	0.60	0.21	6.39	7.62	0.85	2	<1	0.21	<0.2	<0.05	0.3	<10	0.09
65961 (3416532)	0.99	0.66	0.13	6.13	7.14	0.80	2	<1	0.21	<0.2	<0.05	0.4	<10	0.09
65962 C-DUP (3416533)	1.04	0.67	0.15	6.16	7.44	0.76	2	<1	0.21	<0.2	<0.05	0.4	<10	0.09
65963 (3416534)	1.39	0.94	0.20	6.48	8.06	1.10	2	<1	0.30	<0.2	<0.05	0.4	12	0.12
65964 (3416535)	1.29	0.77	0.38	6.61	8.27	1.07	2	<1	0.28	<0.2	0.39	0.5	24	0.11
65965 (3416536)	1.54	0.98	0.31	6.62	8.52	1.26	2	<1	0.32	<0.2	0.25	0.9	15	0.15
65966 (3416537)	2.47	1.65	0.55	9.75	11.5	2.09	1	<1	0.55	<0.2	0.20	1.3	15	0.25
65967 (3416538)	1.20	0.65	0.20	6.41	7.68	0.84	2	<1	0.23	<0.2	0.09	0.3	<10	0.10
65968 (3416539)	1.49	0.86	0.33	5.03	7.47	1.05	1	<1	0.31	<0.2	<0.05	0.8	<10	0.12
65969 (3416540)	2.74	1.92	0.52	6.98	11.0	2.08	2	<1	0.61	<0.2	0.06	2.2	<10	0.27
65970 (3416541)	2.55	1.70	0.55	6.94	11.8	2.04	2	<1	0.54	<0.2	0.09	1.6	<10	0.25
65971 (3416542)	2.44	1.74	0.58	9.84	15.4	2.09	2	<1	0.55	<0.2	0.60	2.2	43	0.25
65972 (3416543)	0.21	0.14	0.05	0.16	0.41	0.20	1	<1	<0.05	<0.2	<0.05	1.3	<10	<0.05
65973 (3416544)	2.48	1.55	0.48	8.14	13.2	2.04	2	<1	0.52	<0.2	0.10	1.4	10	0.25
65974 (3416545)	2.60	1.74	0.55	8.37	13.0	1.92	2	<1	0.53	<0.2	0.11	1.5	<10	0.24
65975 (3416546)	2.82	1.70	0.58	8.11	13.9	2.12	2	1	0.56	<0.2	0.10	1.5	<10	0.24
65976 (3416547)	2.15	1.37	0.49	7.34	11.3	1.80	2	<1	0.48	<0.2	0.11	1.3	<10	0.20
65977 (3416548)	1.67	1.05	0.32	7.47	10.8	1.12	2	<1	0.34	<0.2	0.16	0.7	15	0.15
65978 (3416549)	2.45	1.64	0.61	9.24	12.7	1.86	2	<1	0.54	<0.2	0.15	1.8	15	0.23
65979 (3416550)	2.88	1.97	0.71	10.3	13.9	2.24	2	<1	0.62	<0.2	0.20	2.3	17	0.30
65980 (3416551)	2.49	1.70	0.58	9.18	11.1	2.00	3	<1	0.51	<0.2	0.11	2.2	19	0.28
65981 (3416552)	2.50	1.72	0.59	8.42	9.89	1.91	3	<1	0.57	<0.2	0.05	2.4	22	0.28
65982 (3416553)	2.36	1.50	0.59	9.77	13.5	1.79	2	<1	0.49	<0.2	0.16	2.1	15	0.24

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852506

PROJECT: 2021 Surimeau DDH Batch 75

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
65983 (3416554)	2.33	1.50	0.58	11.5	12.5	1.87	2	<1	0.51	<0.2	0.17	1.3	12	0.22
65984 (3416555)	2.55	1.69	0.65	10.7	12.6	1.90	3	<1	0.53	<0.2	0.14	1.5	15	0.25
65985 (3416556)	2.36	1.47	0.52	8.15	12.4	1.81	2	<1	0.51	<0.2	0.11	1.4	<10	0.20
65986 (3416557)	2.46	1.84	0.60	11.7	11.5	1.96	3	<1	0.56	<0.2	0.16	3.0	13	0.30
65987 (3416558)	3.63	2.63	0.90	12.9	14.7	2.95	2	1	0.77	0.3	0.27	6.5	11	0.36
65988 (3416559)	3.30	2.12	0.70	11.9	18.1	2.43	2	1	0.69	<0.2	0.19	3.8	14	0.35
65989 (3416560)	3.66	2.27	0.71	9.67	15.4	2.70	2	<1	0.74	<0.2	0.20	3.0	12	0.31
65990 (3416561)	1.82	1.22	0.48	8.20	10.2	1.48	2	<1	0.40	<0.2	0.36	1.1	21	0.18
65991 (3416562)	2.32	1.62	0.68	9.37	12.8	1.76	2	<1	0.52	<0.2	1.06	1.6	40	0.24
65992 (3416563)	2.42	1.51	0.67	9.35	12.8	1.82	2	<1	0.52	<0.2	0.97	1.5	38	0.23
65993 (3416564)	1.29	0.78	0.27	6.66	8.54	1.01	3	<1	0.25	<0.2	0.69	0.8	35	0.10
65994 (3416565)	1.24	0.85	0.20	6.71	9.19	1.21	2	<1	0.28	<0.2	0.79	1.1	24	0.14
65995 C-DUP (3416566)	1.32	0.84	0.24	7.08	10.4	1.08	2	<1	0.26	<0.2	0.82	1.0	25	0.10
65996 (3416567)	1.15	0.69	0.17	6.94	8.19	0.88	2	<1	0.24	<0.2	1.23	0.4	34	0.10
65997 (3416568)	1.89	1.16	0.51	8.91	13.7	1.50	2	<1	0.43	<0.2	2.90	1.3	92	0.19
65998 (3416569)	2.78	0.82	2.71	2.78	24.3	6.87	1	7	0.35	<0.2	0.19	61.0	12	0.08
65999 (3416570)	2.34	1.60	0.77	8.54	16.1	1.79	2	<1	0.50	<0.2	0.74	1.5	37	0.22
66000 (3416571)	1.78	1.09	0.48	7.38	11.2	1.20	2	<1	0.38	<0.2	0.19	1.4	<10	0.15

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852506

PROJECT: 2021 Surimeau DDH Batch 75

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
65951 (3416522)	8.58	2490	<2	<1	3.1	1340	<0.01	<5	0.60	46.3	0.26	<0.1	36	21.3
65952 (3416523)	1.61	112	<2	<1	1.1	<5	<0.01	<5	0.25	1.3	0.47	<0.1	<5	4.82
65953 (3416524)	11.5	1450	<2	<1	1.4	1420	<0.01	<5	0.22	0.4	0.25	<0.1	20	21.9
65954 (3416525)	12.2	1270	<2	<1	1.2	1520	<0.01	<5	0.17	<0.2	0.30	<0.1	19	22.7
65955 (3416526)	1.64	521	<2	<1	5.2	22300	0.01	39	1.28	3.7	19.6	<0.1	6	6.90
65956 (3416527)	5.91	2380	<2	1	2.5	1480	0.06	5	0.45	10.0	0.43	<0.1	30	21.2
65957 (3416528)	5.43	2420	<2	<1	2.9	1160	0.01	<5	0.50	5.1	0.17	<0.1	38	25.6
65958 (3416529)	8.56	2110	<2	<1	2.1	1700	<0.01	<5	0.38	21.0	0.19	<0.1	29	21.7
65959 (3416530)	9.60	2160	<2	<1	2.7	1890	0.03	<5	0.43	1.5	0.24	<0.1	37	19.9
65960 (3416531)	12.4	1440	<2	<1	1.4	1550	<0.01	<5	0.20	0.2	0.22	<0.1	19	22.5
65961 (3416532)	12.0	1370	<2	<1	1.1	1450	<0.01	<5	0.19	0.2	0.24	<0.1	19	21.5
65962 C-DUP (3416533)	12.2	1390	<2	<1	1.1	1460	<0.01	<5	0.21	<0.2	0.25	<0.1	19	21.7
65963 (3416534)	12.2	1700	<2	<1	1.5	1590	<0.01	<5	0.24	1.1	0.26	<0.1	25	22.6
65964 (3416535)	10.2	2050	<2	<1	1.5	1380	<0.01	<5	0.22	18.4	0.16	<0.1	21	22.2
65965 (3416536)	9.15	2260	<2	<1	1.9	1310	<0.01	<5	0.33	9.6	0.17	<0.1	22	20.8
65966 (3416537)	4.55	2970	<2	<1	2.9	2430	0.01	8	0.51	4.9	0.54	<0.1	40	23.8
65967 (3416538)	9.08	2060	<2	<1	1.3	1230	<0.01	<5	0.18	1.3	0.11	<0.1	20	22.2
65968 (3416539)	5.20	2470	6	<1	1.6	1340	<0.01	7	0.27	0.4	0.25	<0.1	22	18.8
65969 (3416540)	4.09	2910	<2	<1	3.8	1410	0.02	<5	0.65	0.5	0.21	<0.1	33	23.2
65970 (3416541)	3.69	2930	<2	<1	3.5	2190	0.02	6	0.61	2.1	0.37	<0.1	36	24.8
65971 (3416542)	5.44	3280	<2	<1	3.6	2170	<0.01	<5	0.72	27.7	0.25	<0.1	40	22.6
65972 (3416543)	2.16	112	<2	<1	0.9	<5	<0.01	<5	0.16	0.2	0.45	<0.1	<5	4.96
65973 (3416544)	4.29	2870	<2	<1	3.0	1440	0.01	<5	0.53	3.0	0.15	<0.1	38	22.7
65974 (3416545)	3.51	3190	<2	<1	3.3	1330	0.01	<5	0.54	1.8	0.22	<0.1	38	23.3
65975 (3416546)	3.76	3060	<2	<1	3.5	1190	0.01	5	0.58	1.0	0.21	<0.1	40	23.3
65976 (3416547)	4.67	2670	<2	<1	2.9	1030	0.01	10	0.49	1.3	0.18	<0.1	36	23.0
65977 (3416548)	7.58	2790	<2	<1	1.8	631	<0.01	<5	0.34	2.7	0.11	<0.1	27	23.4
65978 (3416549)	3.61	5000	<2	2	3.5	1630	0.06	11	0.61	2.3	0.64	<0.1	35	22.2
65979 (3416550)	3.72	6260	<2	1	4.1	2500	0.01	12	0.76	4.2	0.74	<0.1	38	23.1
65980 (3416551)	2.70	6630	<2	1	3.7	2240	0.02	12	0.66	1.6	1.18	<0.1	34	22.2
65981 (3416552)	2.12	6970	<2	<1	3.8	2410	0.02	13	0.68	1.0	1.66	<0.1	32	23.0
65982 (3416553)	3.62	5530	6	2	3.2	2260	0.12	15	0.57	1.7	0.77	<0.1	35	24.7

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852506

PROJECT: 2021 Surimeau DDH Batch 75

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
65983 (3416554)	4.26	5100	<2	<1	3.0	1910	0.02	9	0.51	0.9	0.40	<0.1	42	25.4
65984 (3416555)	4.46	4550	<2	<1	3.0	1980	<0.01	8	0.58	1.2	0.27	<0.1	40	26.0
65985 (3416556)	3.15	3650	<2	<1	2.9	2210	0.02	10	0.52	1.0	0.41	<0.1	37	29.3
65986 (3416557)	1.90	7200	<2	<1	4.2	1860	0.02	15	0.78	5.3	4.30	<0.1	28	21.3
65987 (3416558)	0.88	2690	4	2	8.9	1980	0.03	20	1.94	12.5	7.39	<0.1	32	20.0
65988 (3416559)	1.03	1310	4	2	5.8	1840	0.03	21	1.18	8.3	6.09	<0.1	44	23.7
65989 (3416560)	4.31	3310	<2	2	5.0	2220	<0.01	26	0.91	2.2	0.88	<0.1	41	22.6
65990 (3416561)	7.36	2620	<2	<1	2.1	1630	<0.01	6	0.40	14.2	0.26	<0.1	30	25.1
65991 (3416562)	8.43	2760	<2	<1	3.2	1880	0.01	5	0.58	43.7	0.67	<0.1	36	22.1
65992 (3416563)	7.35	2820	5	1	3.1	1840	0.02	5	0.57	38.3	0.61	<0.1	36	22.4
65993 (3416564)	12.2	1320	<2	<1	1.8	1070	<0.01	<5	0.30	29.7	0.60	<0.1	21	21.8
65994 (3416565)	12.8	1100	<2	<1	2.8	1260	<0.01	<5	0.48	38.9	0.72	<0.1	21	22.1
65995 C-DUP (3416566)	13.6	1170	<2	<1	2.5	1230	0.01	<5	0.45	37.6	0.74	<0.1	22	23.5
65996 (3416567)	13.8	1450	<2	<1	1.3	1350	<0.01	<5	0.25	50.7	0.86	<0.1	21	24.0
65997 (3416568)	11.5	2040	<2	1	2.7	2040	0.02	5	0.46	120	0.67	<0.1	37	22.0
65998 (3416569)	1.13	485	<2	5	62.6	36	0.06	39	15.4	5.7	0.08	<0.1	<5	29.6
65999 (3416570)	8.75	2430	<2	1	3.1	1680	<0.01	7	0.53	27.7	0.22	<0.1	37	23.3
66000 (3416571)	7.90	2260	<2	<1	2.3	1270	0.02	10	0.38	1.6	0.16	<0.1	29	21.5

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852506

PROJECT: 2021 Surimeau DDH Batch 75

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
65951 (3416522)	1.3	<1	23.5	<0.5	0.36	0.1	0.28	0.6	0.24	0.06	206	<1	14.0	1.6
65952 (3416523)	0.2	<1	72.3	<0.5	0.05	0.1	<0.01	<0.5	<0.05	0.20	<5	<1	3.3	0.3
65953 (3416524)	0.5	<1	8.0	<0.5	0.15	<0.1	0.16	<0.5	0.11	<0.05	106	<1	6.1	0.7
65954 (3416525)	0.5	<1	8.1	<0.5	0.15	<0.1	0.14	<0.5	0.09	<0.05	101	<1	5.6	0.7
65955 (3416526)	1.1	1	27.4	<0.5	0.16	0.9	0.10	<0.5	0.08	0.20	54	4	4.6	0.5
65956 (3416527)	0.9	<1	180	<0.5	0.23	<0.1	0.24	<0.5	0.17	0.26	169	<1	9.9	1.1
65957 (3416528)	1.3	<1	77.2	<0.5	0.31	<0.1	0.30	<0.5	0.19	<0.05	217	<1	12.4	1.3
65958 (3416529)	0.8	<1	41.1	<0.5	0.23	<0.1	0.22	<0.5	0.16	<0.05	158	<1	9.3	1.0
65959 (3416530)	1.0	<1	54.6	<0.5	0.32	<0.1	0.29	<0.5	0.21	<0.05	212	<1	13.1	1.4
65960 (3416531)	0.5	<1	12.1	<0.5	0.15	<0.1	0.14	<0.5	0.09	<0.05	99	<1	5.9	0.6
65961 (3416532)	0.6	<1	24.3	<0.5	0.15	<0.1	0.15	<0.5	0.10	<0.05	102	<1	5.7	0.6
65962 C-DUP (3416533)	0.5	<1	28.2	<0.5	0.14	<0.1	0.15	<0.5	0.10	<0.05	100	<1	5.8	0.6
65963 (3416534)	0.7	<1	24.5	<0.5	0.19	<0.1	0.18	<0.5	0.13	<0.05	134	<1	7.7	0.9
65964 (3416535)	0.7	<1	26.4	<0.5	0.17	<0.1	0.16	<0.5	0.13	0.06	119	<1	7.2	0.8
65965 (3416536)	0.7	<1	39.6	<0.5	0.20	<0.1	0.17	<0.5	0.15	0.05	130	<1	9.1	1.0
65966 (3416537)	1.1	<1	115	<0.5	0.36	<0.1	0.31	<0.5	0.25	<0.05	232	<1	14.6	1.7
65967 (3416538)	0.5	<1	16.4	<0.5	0.15	<0.1	0.14	<0.5	0.10	<0.05	114	<1	6.2	0.7
65968 (3416539)	0.7	<1	90.3	<0.5	0.20	<0.1	0.18	<0.5	0.13	<0.05	123	<1	8.2	0.8
65969 (3416540)	1.5	<1	125	<0.5	0.38	<0.1	0.26	<0.5	0.26	0.06	179	<1	17.3	1.9
65970 (3416541)	1.3	<1	199	<0.5	0.34	0.1	0.29	<0.5	0.25	0.12	204	<1	15.2	1.6
65971 (3416542)	1.3	<1	49.6	<0.5	0.36	<0.1	0.31	<0.5	0.25	<0.05	221	<1	15.7	1.7
65972 (3416543)	0.1	<1	65.3	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.18	<5	<1	1.9	0.1
65973 (3416544)	1.1	<1	61.7	<0.5	0.34	<0.1	0.31	<0.5	0.22	<0.05	222	<1	14.6	1.5
65974 (3416545)	1.3	<1	61.9	<0.5	0.35	<0.1	0.30	<0.5	0.23	<0.05	222	<1	14.5	1.6
65975 (3416546)	1.2	<1	124	<0.5	0.36	<0.1	0.33	<0.5	0.26	<0.05	236	<1	15.3	1.6
65976 (3416547)	1.1	<1	162	<0.5	0.31	<0.1	0.29	<0.5	0.21	<0.05	201	<1	12.5	1.4
65977 (3416548)	0.8	<1	154	<0.5	0.22	<0.1	0.22	<0.5	0.16	0.08	172	<1	9.3	1.0
65978 (3416549)	1.3	<1	127	<0.5	0.36	<0.1	0.29	<0.5	0.24	0.38	206	<1	14.5	1.6
65979 (3416550)	1.4	<1	111	<0.5	0.41	0.1	0.31	<0.5	0.28	0.34	222	<1	16.6	1.9
65980 (3416551)	1.4	<1	196	<0.5	0.35	<0.1	0.25	<0.5	0.24	0.45	174	<1	14.8	1.7
65981 (3416552)	1.3	<1	250	<0.5	0.32	<0.1	0.25	<0.5	0.27	0.36	165	<1	15.7	1.8
65982 (3416553)	1.3	<1	280	<0.5	0.34	<0.1	0.28	<0.5	0.23	0.70	219	<1	14.0	1.6

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852506

PROJECT: 2021 Surimeau DDH Batch 75

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
65983 (3416554)	1.2	<1	79.3	<0.5	0.36	<0.1	0.33	<0.5	0.24	0.08	250	<1	13.9	1.5
65984 (3416555)	1.2	<1	45.3	<0.5	0.32	<0.1	0.32	<0.5	0.23	<0.05	236	<1	14.1	1.7
65985 (3416556)	1.2	<1	53.8	<0.5	0.33	<0.1	0.29	<0.5	0.22	<0.05	216	<1	13.9	1.4
65986 (3416557)	1.4	2	174	<0.5	0.34	0.2	0.23	<0.5	0.26	0.29	146	<1	15.6	1.9
65987 (3416558)	2.4	3	371	<0.5	0.53	0.8	0.29	<0.5	0.36	0.41	122	<1	21.3	2.6
65988 (3416559)	1.8	6	184	<0.5	0.44	0.5	0.38	<0.5	0.33	0.48	195	<1	18.1	2.2
65989 (3416560)	1.8	2	470	<0.5	0.48	0.2	0.34	<0.5	0.31	0.48	241	<1	19.4	2.1
65990 (3416561)	0.8	<1	82.4	<0.5	0.25	<0.1	0.24	<0.5	0.19	0.06	171	<1	10.8	1.1
65991 (3416562)	1.2	<1	73.8	<0.5	0.33	0.1	0.28	<0.5	0.20	0.18	207	<1	13.3	1.5
65992 (3416563)	1.1	1	90.9	<0.5	0.33	0.1	0.30	<0.5	0.22	0.35	205	<1	13.8	1.5
65993 (3416564)	0.7	<1	33.6	<0.5	0.18	<0.1	0.17	<0.5	0.11	0.07	116	<1	7.1	0.8
65994 (3416565)	0.9	<1	30.6	<0.5	0.19	0.2	0.19	<0.5	0.12	0.18	125	<1	7.2	0.9
65995 C-DUP (3416566)	0.9	<1	32.2	<0.5	0.19	0.2	0.20	<0.5	0.10	0.17	129	<1	7.1	0.8
65996 (3416567)	0.6	<1	29.4	<0.5	0.15	<0.1	0.16	<0.5	0.10	0.11	113	<1	6.2	0.7
65997 (3416568)	1.0	<1	50.2	<0.5	0.27	<0.1	0.32	1.1	0.18	0.11	213	<1	10.5	1.3
65998 (3416569)	10.6	<1	2540	<0.5	0.70	10.2	0.33	<0.5	0.10	3.26	60	<1	11.0	0.6
65999 (3416570)	1.2	2	187	<0.5	0.31	<0.1	0.29	<0.5	0.23	0.16	224	<1	14.5	1.5
66000 (3416571)	0.9	1	240	<0.5	0.25	<0.1	0.23	<0.5	0.17	0.08	173	<1	10.5	1.0

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852506

PROJECT: 2021 Surimeau DDH Batch 75

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
65951 (3416522)	81	24.5
65952 (3416523)	<5	2.0
65953 (3416524)	52	14.3
65954 (3416525)	49	13.2
65955 (3416526)	77	28.1
65956 (3416527)	74	20.3
65957 (3416528)	71	24.1
65958 (3416529)	58	20.0
65959 (3416530)	64	23.2
65960 (3416531)	53	12.2
65961 (3416532)	43	12.9
65962 C-DUP (3416533)	51	12.6
65963 (3416534)	51	15.6
65964 (3416535)	68	13.4
65965 (3416536)	68	14.6
65966 (3416537)	85	26.9
65967 (3416538)	54	13.0
65968 (3416539)	41	13.7
65969 (3416540)	59	23.2
65970 (3416541)	68	26.1
65971 (3416542)	78	27.5
65972 (3416543)	<5	1.2
65973 (3416544)	67	27.6
65974 (3416545)	72	26.4
65975 (3416546)	78	29.3
65976 (3416547)	69	24.6
65977 (3416548)	85	19.5
65978 (3416549)	102	23.8
65979 (3416550)	113	26.4
65980 (3416551)	93	23.1
65981 (3416552)	76	18.6
65982 (3416553)	132	20.8

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852506

PROJECT: 2021 Surimeau DDH Batch 75

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
65983 (3416554)	122	24.8
65984 (3416555)	97	26.5
65985 (3416556)	108	24.2
65986 (3416557)	394	23.2
65987 (3416558)	1800	52.8
65988 (3416559)	970	47.1
65989 (3416560)	173	27.5
65990 (3416561)	99	19.3
65991 (3416562)	96	23.6
65992 (3416563)	97	23.7
65993 (3416564)	54	16.3
65994 (3416565)	55	18.7
65995 C-DUP (3416566)	52	16.8
65996 (3416567)	56	13.3
65997 (3416568)	97	27.3
65998 (3416569)	49	256
65999 (3416570)	121	24.2
66000 (3416571)	68	18.1

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852506

PROJECT: 2021 Surimeau DDH Batch 75

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Crush-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
65951 (3416522)	79.09
65970 (3416541)	75.94
65990 (3416561)	85.08

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852506

PROJECT: 2021 Surimeau DDH Batch 75

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jan 10, 2022 | DATE RECEIVED: Jan 11, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Pul-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
65951 (3416522)	88.77
65970 (3416541)	88.98
65990 (3416561)	87.31

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 22O852506

PROJECT: 2021 Surimeau DDH Batch 75

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	3416522	1	< 1		3416536	1	< 1		3416547	< 1	< 1	0.0%	3416562	< 1	1	
Al	3416522	5.24	5.39	2.8%	3416536	3.38	3.36	0.6%	3416547	5.52	5.04	9.1%	3416562	4.86	4.68	3.8%
As	3416522	< 5	< 5	0.0%	3416536	< 5	< 5	0.0%	3416547	< 5	< 5	0.0%	3416562	< 5	< 5	0.0%
B	3416522	38	38	0.0%	3416536	28	27	3.6%	3416547	31	31	0.0%	3416562	33	37	11.4%
Ba	3416522	150	135	10.5%	3416536	52.8	53.0	0.4%	3416547	58.1	53.6	8.1%	3416562	176	170	3.5%
Be	3416522	< 5	< 5	0.0%	3416536	< 5	< 5	0.0%	3416547	< 5	< 5	0.0%	3416562	< 5	< 5	0.0%
Bi	3416522	0.3	0.3	0.0%	3416536	0.1	0.16	46.2%	3416547	0.2	0.2	0.0%	3416562	1.0	1.0	0.0%
Ca	3416522	6.76	6.86	1.5%	3416536	9.41	9.38	0.3%	3416547	8.73	8.60	1.5%	3416562	6.01	6.03	0.3%
Cd	3416522	< 0.2	< 0.2	0.0%	3416536	< 0.2	< 0.2	0.0%	3416547	< 0.2	< 0.2	0.0%	3416562	< 0.2	< 0.2	0.0%
Ce	3416522	3.6	3.51	2.5%	3416536	2.1	2.1	0.0%	3416547	3.0	2.8	6.9%	3416562	3.7	3.25	12.9%
Co	3416522	118	125	5.8%	3416536	101	99.6	1.4%	3416547	107	105	1.9%	3416562	136	128	6.1%
Cr	3416522	0.346	0.349	0.9%	3416536	0.222	0.221	0.5%	3416547	0.286	0.269	6.1%	3416562	0.358	0.341	4.9%
Cs	3416522	11.3	9.41	18.3%	3416536	1.9	1.9	0.0%	3416547	< 0.1	< 0.1	0.0%	3416562	8.5	8.00	6.1%
Cu	3416522	100	108	7.7%	3416536	11	11	0.0%	3416547	41	39	5.0%	3416562	76	77	1.3%
Dy	3416522	2.43	2.64	8.3%	3416536	1.54	1.56	1.3%	3416547	2.15	2.39	10.6%	3416562	2.32	2.25	3.1%
Er	3416522	1.66	1.75	5.3%	3416536	0.98	1.04	5.4%	3416547	1.37	1.44	5.0%	3416562	1.62	1.52	6.4%
Eu	3416522	0.52	0.52	0.0%	3416536	0.31	0.350	11.5%	3416547	0.49	0.46	6.3%	3416562	0.68	0.63	7.6%
Fe	3416522	9.28	9.53	2.7%	3416536	6.62	6.63	0.0%	3416547	7.34	7.83	6.5%	3416562	9.37	9.40	0.3%
Ga	3416522	12.3	12.5	1.6%	3416536	8.52	7.74	9.6%	3416547	11.3	11.5	1.8%	3416562	12.8	12.4	3.2%
Gd	3416522	1.85	2.09	12.2%	3416536	1.26	1.10	13.6%	3416547	1.80	1.79	0.6%	3416562	1.76	1.79	1.7%
Ge	3416522	2	2	0.0%	3416536	2	2	0.0%	3416547	2	2	0.0%	3416562	2	2	0.0%
Hf	3416522	< 1	< 1	0.0%	3416536	< 1	< 1	0.0%	3416547	< 1	< 1	0.0%	3416562	< 1	< 1	0.0%
Ho	3416522	0.54	0.568	5.1%	3416536	0.32	0.330	1.8%	3416547	0.48	0.498	3.7%	3416562	0.52	0.484	7.2%
In	3416522	< 0.2	< 0.2	0.0%	3416536	< 0.2	< 0.2	0.0%	3416547	< 0.2	< 0.2	0.0%	3416562	< 0.2	< 0.2	0.0%
K	3416522	1.18	1.02	14.5%	3416536	0.25	0.24	3.3%	3416547	0.11	0.12	8.7%	3416562	1.06	1.06	0.0%
La	3416522	1.6	1.49	7.1%	3416536	0.9	0.96	3.2%	3416547	1.3	1.13	14.0%	3416562	1.6	1.4	13.3%
Li	3416522	47	42	11.2%	3416536	15	15	1.1%	3416547	< 10	<10	0.0%	3416562	40	40	0.0%
Lu	3416522	0.27	0.259	4.2%	3416536	0.15	0.136	6.4%	3416547	0.20	0.210	4.9%	3416562	0.24	0.213	11.9%
Mg	3416522	8.58	8.23	4.2%	3416536	9.15	9.22	0.8%	3416547	4.67	5.10	8.8%	3416562	8.43	8.31	1.4%
Mn	3416522	2490	2590	3.9%	3416536	2260	2270	0.4%	3416547	2670	2760	3.3%	3416562	2760	2760	0.0%
Mo	3416522	< 2	< 2	0.0%	3416536	< 2	< 2	0.0%	3416547	< 2	< 2	0.0%	3416562	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Nb	3416522	< 1	< 1	0.0%	3416536	< 1	< 1	0.0%	3416547	< 1	< 1	0.0%	3416562	< 1	< 1	0.0%
Nd	3416522	3.1	3.42	9.8%	3416536	1.9	1.9	0.0%	3416547	2.9	2.9	0.0%	3416562	3.2	3.00	6.5%
Ni	3416522	1340	1480	9.9%	3416536	1310	1300	0.8%	3416547	1030	946	8.5%	3416562	1880	1770	6.0%
P	3416522	< 0.01	0.01	0.0%	3416536	< 0.01	<0.01	0.0%	3416547	0.01	<0.01	29.8%	3416562	0.01	<0.01	40.2%
Pb	3416522	< 5	< 5	0.0%	3416536	< 5	< 5	0.0%	3416547	10	8	22.2%	3416562	5	5	0.0%
Pr	3416522	0.60	0.583	2.9%	3416536	0.33	0.340	2.7%	3416547	0.49	0.469	4.4%	3416562	0.58	0.54	7.1%
Rb	3416522	46.3	40.1	14.4%	3416536	9.6	9.51	0.6%	3416547	1.3	1.3	0.0%	3416562	43.7	41.1	6.1%
S	3416522	0.26	0.27	3.8%	3416536	0.17	0.17	0.6%	3416547	0.18	0.17	5.7%	3416562	0.67	0.66	1.5%
Sb	3416522	< 0.1	< 0.1	0.0%	3416536	< 0.1	< 0.1	0.0%	3416547	< 0.1	< 0.1	0.0%	3416562	< 0.1	< 0.1	0.0%
Sc	3416522	36	37	2.7%	3416536	22	22	0.0%	3416547	36	35	2.8%	3416562	36	35	2.8%
Si	3416522	21.3	21.4	0.5%	3416536	20.8	20.9	0.5%	3416547	23.0	22.9	0.4%	3416562	22.1	22.2	0.5%
Sm	3416522	1.3	1.3	0.0%	3416536	0.7	0.7	0.0%	3416547	1.1	1.1	0.0%	3416562	1.2	1.12	6.9%
Sn	3416522	< 1	< 1	0.0%	3416536	< 1	< 1	0.0%	3416547	< 1	< 1	0.0%	3416562	< 1	< 1	0.0%
Sr	3416522	23.5	36.0	42.0%	3416536	39.6	39.3	0.7%	3416547	162	145	11.1%	3416562	73.8	73.8	0.0%
Ta	3416522	< 0.5	< 0.5	0.0%	3416536	< 0.5	< 0.5	0.0%	3416547	< 0.5	< 0.5	0.0%	3416562	< 0.5	< 0.5	0.0%
Tb	3416522	0.36	0.38	5.4%	3416536	0.20	0.209	1.9%	3416547	0.31	0.316	1.9%	3416562	0.33	0.322	2.5%
Th	3416522	0.1	< 0.1		3416536	< 0.1	< 0.1	0.0%	3416547	< 0.1	< 0.1	0.0%	3416562	0.1	0.1	0.0%
Ti	3416522	0.28	0.30	6.9%	3416536	0.17	0.17	1.1%	3416547	0.29	0.29	0.0%	3416562	0.28	0.28	0.0%
Tl	3416522	0.6	0.51	16.2%	3416536	< 0.5	< 0.5	0.0%	3416547	< 0.5	< 0.5	0.0%	3416562	< 0.5	< 0.5	0.0%
Tm	3416522	0.24	0.258	7.2%	3416536	0.15	0.135	10.5%	3416547	0.21	0.21	0.0%	3416562	0.20	0.216	7.7%
U	3416522	0.06	0.050	18.2%	3416536	0.05	0.055	0.0%	3416547	< 0.05	< 0.05	0.0%	3416562	0.18	0.154	15.6%
V	3416522	206	219	6.1%	3416536	130	130	0.1%	3416547	201	203	1.0%	3416562	207	198	4.4%
W	3416522	< 1	< 1	0.0%	3416536	< 1	< 1	0.0%	3416547	< 1	< 1	0.0%	3416562	< 1	< 1	0.0%
Y	3416522	14.0	15.2	8.2%	3416536	9.1	8.6	5.6%	3416547	12.5	12.6	0.8%	3416562	13.3	12.8	3.8%
Yb	3416522	1.6	1.7	6.1%	3416536	1.0	0.95	4.1%	3416547	1.4	1.4	0.0%	3416562	1.5	1.5	0.0%
Zn	3416522	81	78	3.8%	3416536	68	73	6.8%	3416547	69	75	8.3%	3416562	96	101	5.1%
Zr	3416522	24.5	26.0	5.9%	3416536	14.6	14.0	4.2%	3416547	24.6	25.0	1.6%	3416562	23.6	22.6	4.3%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 22O852506

PROJECT: 2021 Surimeau DDH Batch 75

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.OREAS-47)				CRM #2 (ref.OREAS-72B)				CRM #3 (ref.OREAS-74B)							
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Al	6.32	5.99	95%	80% - 120%	4.72	4.46	95%	80% - 120%	3.54	3.36	95%	80% - 120%				
Ba	473.0	467	99%	80% - 120%	335.0	330	99%	80% - 120%	210.0	210	100%	80% - 120%				
Ca	2.33	2.27	98%	80% - 120%	2.82	2.71	96%	80% - 120%	3.09	3.02	98%	80% - 120%				
Cr	112.86	94.6	84%	80% - 120%	974.0	950	97%	80% - 120%	978.0	944	97%	80% - 120%				
Cu					219.0	197	90%	80% - 120%	1021.0	943	92%	80% - 120%				
Fe	2.78	2.79	100%	80% - 120%	6.97	6.57	94%	80% - 120%	12.6	12.2	97%	80% - 120%				
K	1.18	1.14	97%	80% - 120%	1.13	1.06	94%	80% - 120%	0.72	0.656	91%	80% - 120%				
Li									29.3	24.4	83%	80% - 120%				
Mg	1.0	0.952	95%	80% - 120%	9.66	8.93	92%	80% - 120%	9.38	8.95	95%	80% - 120%				
Mn	496.0	487	98%	80% - 120%	1010.0	933	92%	80% - 120%	930.0	886	95%	80% - 120%				
P	0.056	0.052	93%	80% - 120%	0.029	0.022	77%	80% - 120%								
S					1.48	1.38	93%	80% - 120%	6.61	6.01	91%	80% - 120%				
Sc	9.27	9.00	97%	80% - 120%												
Si	33.99	33.6	99%	80% - 120%	24.02	23.7	99%	80% - 120%	19.68	19.7	100%	80% - 120%				
Sr	402.0	366	91%	80% - 120%	61.0	54.6	90%	80% - 120%	54.0	48.9	91%	80% - 120%				
Ti	0.23	0.216	94%	80% - 120%	0.208	0.197	95%	80% - 120%	0.15	0.147	98%	80% - 120%				
V	61.0	56.2	92%	80% - 120%	77.0	73.7	96%	80% - 120%	62.0	59.2	95%	80% - 120%				
Zn	217.0	204	94%	80% - 120%	90.0	82.2	91%	80% - 120%	133.0	131	98%	80% - 120%				

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O852506

PROJECT: 2021 Surimeau DDH Batch 75

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O852506

PROJECT: 2021 Surimeau DDH Batch 75

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O852506

PROJECT: 2021 Surimeau DDH Batch 75

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Crush-Pass %			BALANCE
Pul-Pass %			BALANCE

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 76

AGAT WORK ORDER: 22O852757

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Mar 15, 2022

PAGES (INCLUDING COVER): 23

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852757

PROJECT: 2021 Surimeau DDH Batch 76

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
66001 (3418235)	2.420
66002 (3418236)	0.920
66003 (3418237)	1.590
66004 (3418238)	2.970
66005 (3418239)	2.210
66006 (3418240)	2.310
66007 (3418241)	1.420
66008 (3418242)	1.170
66009 (3418243)	2.420
66010 (3418244)	2.490
66011 (3418245)	2.560
66012 c-dup (3418246)	<0.005
66013 (3418247)	1.970
66014 (3418248)	3.400
66015 (3418249)	1.610
66016 (3418250)	2.120
66017 (3418251)	1.100
66018 (3418252)	2.850
66019 (3418253)	0.950
66020 (3418254)	2.710
66021 (3418255)	2.110
66022 (3418256)	1.370
66023 (3418257)	3.110
66024 (3418258)	1.770
66025 (3418259)	2.000
66026 (3418260)	2.700
66027 (3418261)	3.350
66028 (3418262)	2.730
66029 (3418263)	3.250
66030 (3418264)	3.210
66031 (3418265)	3.130

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852757

PROJECT: 2021 Surimeau DDH Batch 76

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
66032 (3418266)	3.170
66033 (3418267)	2.050
66034 (3418268)	2.540
66035 (3418269)	1.990
66036 (3418270)	1.800
66037 (3418271)	2.570
66038 (3418272)	1.440
66039 (3418273)	2.690
66040 (3418274)	3.310
66041 (3418275)	2.790
66042 (3418276)	1.410
66043 (3418277)	2.930
66044 (3418278)	2.740
66045 c-dup (3418279)	<0.005
66046 (3418280)	2.870
66047 (3418281)	2.970
66048 (3418282)	2.370
66049 (3418283)	3.230
66050 (3418284)	3.270

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852757

PROJECT: 2021 Surimeau DDH Batch 76

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
66001 (3418235)	<1	5.99	<5	<20	374	<5	0.6	7.65	<0.2	3.9	151	0.413	4.1	43
66002 (3418236)	<1	0.24	<5	<20	21.0	<5	<0.1	33.2	<0.2	1.2	0.9	<0.005	<0.1	<5
66003 (3418237)	<1	5.00	<5	<20	535	<5	0.6	11.3	<0.2	4.2	191	0.449	12.5	202
66004 (3418238)	<1	5.08	<5	<20	203	<5	0.5	10.6	<0.2	4.1	133	0.325	0.9	72
66005 (3418239)	<1	6.27	<5	<20	564	<5	0.5	4.95	<0.2	3.5	133	0.395	4.7	100
66006 (3418240)	<1	6.14	<5	<20	499	<5	0.5	5.54	<0.2	17.5	140	0.385	2.1	94
66007 (3418241)	<1	10.1	<5	<20	478	<5	0.1	2.58	<0.2	124	12.0	0.022	0.3	134
66008 (3418242)	<1	9.76	<5	<20	411	<5	0.1	2.74	<0.2	112	24.4	0.047	0.1	128
66009 (3418243)	<1	6.65	<5	<20	484	<5	0.6	4.47	<0.2	4.7	139	0.398	8.3	133
66010 (3418244)	<1	7.01	<5	<20	131	<5	0.7	5.16	<0.2	4.7	165	0.381	0.2	412
66011 (3418245)	1	6.40	<5	<20	502	<5	0.7	5.26	<0.2	3.7	158	0.403	1.6	1050
66012 c-dup (3418246)	1	6.39	<5	<20	496	<5	0.7	5.37	<0.2	3.7	157	0.395	1.6	1080
66013 (3418247)	2	6.02	<5	<20	171	<5	0.6	11.5	<0.2	6.3	159	0.380	<0.1	1140
66014 (3418248)	1	6.46	<5	<20	642	<5	0.4	5.14	0.7	7.7	123	0.395	2.1	1130
66015 (3418249)	2	6.98	<5	<20	737	<5	0.5	5.26	2.1	10.7	135	0.431	2.4	1470
66016 (3418250)	1	9.76	<5	<20	174	<5	0.2	2.52	3.0	59.6	37.4	0.028	<0.1	842
66017 (3418251)	1	8.22	<5	<20	164	<5	0.8	1.48	30.5	88.3	138	0.017	0.2	468
66018 (3418252)	<1	6.11	<5	<20	345	<5	0.2	7.14	<0.2	97.0	39.5	0.050	0.7	155
66019 (3418253)	1	7.15	<5	<20	860	<5	0.7	4.40	10.9	90.6	89.8	0.069	5.8	527
66020 (3418254)	<1	3.95	<5	<20	765	<5	0.4	4.65	0.3	15.2	89.0	0.192	22.1	105
66021 (3418255)	<1	7.02	<5	<20	348	5	0.6	6.75	<0.2	115	50.5	0.057	4.1	224
66022 (3418256)	<1	0.07	<5	<20	22.1	<5	<0.1	34.1	<0.2	1.2	<0.5	0.005	<0.1	<5
66023 (3418257)	<1	3.04	<5	<20	344	<5	0.5	5.08	<0.2	7.5	83.8	0.191	17.1	93
66024 (3418258)	<1	3.05	<5	<20	318	<5	0.4	5.87	0.2	3.5	77.8	0.193	16.3	39
66025 (3418259)	<1	3.11	<5	<20	172	<5	0.3	7.46	0.3	2.7	69.1	0.166	8.0	<5
66026 (3418260)	<1	3.21	<5	<20	287	<5	0.3	6.21	0.2	1.1	75.4	0.192	15.9	<5
66027 (3418261)	<1	2.97	<5	<20	273	<5	0.5	5.85	<0.2	1.1	84.0	0.198	17.8	54
66028 (3418262)	<1	3.82	<5	<20	57.7	<5	0.7	8.41	0.2	2.2	91.1	0.267	5.4	82
66029 (3418263)	<1	3.26	<5	<20	4.2	<5	0.6	5.19	<0.2	1.0	90.9	0.214	0.8	94
66030 (3418264)	<1	2.97	<5	<20	0.8	<5	0.5	5.68	<0.2	1.3	79.0	0.197	0.3	62
66031 (3418265)	<1	3.63	<5	<20	1.5	<5	0.6	5.65	<0.2	1.5	88.9	0.233	0.3	59
66032 (3418266)	<1	3.12	<5	<20	2.1	<5	0.6	8.85	<0.2	2.3	94.3	0.214	0.3	57

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852757

PROJECT: 2021 Surimeau DDH Batch 76

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
66033 (3418267)	<1	3.29	<5	<20	1.5	<5	0.5	5.69	<0.2	1.5	90.0	0.220	0.2	48
66034 (3418268)	<1	3.18	<5	<20	26.3	<5	0.6	6.88	<0.2	2.1	92.5	0.210	1.8	49
66035 (3418269)	<1	4.73	<5	<20	395	<5	0.5	5.83	<0.2	29.0	77.5	0.167	20.9	16
66036 (3418270)	<1	5.38	<5	<20	88.2	<5	1.1	11.4	<0.2	4.1	145	0.361	1.8	48
66037 (3418271)	<1	2.66	<5	<20	51.8	<5	0.7	5.85	<0.2	1.0	92.6	0.194	4.8	79
66038 (3418272)	5	3.08	<5	<20	269	<5	0.4	6.10	<0.2	1.4	78.5	0.190	15.4	11
66039 (3418273)	<1	4.81	<5	<20	138	6	1.7	7.90	0.2	3.8	130	0.344	2.4	33
66040 (3418274)	2	4.59	<5	<20	111	<5	0.9	11.4	0.3	6.7	120	0.294	0.7	12
66041 (3418275)	<1	4.12	<5	<20	231	<5	0.4	11.1	<0.2	18.4	89.4	0.197	5.8	78
66042 (3418276)	<1	3.81	<5	<20	194	<5	0.3	11.5	<0.2	16.8	79.0	0.180	4.8	76
66043 (3418277)	<1	3.19	<5	<20	101	<5	0.5	6.59	<0.2	2.0	84.7	0.203	6.8	65
66044 (3418278)	<1	4.35	<5	<20	387	<5	0.3	6.47	<0.2	29.5	68.7	0.158	15.3	9
66045 c-dup (3418279)	<1	4.45	<5	<20	368	<5	0.4	6.55	<0.2	32.3	68.8	0.155	14.1	9
66046 (3418280)	<1	2.96	<5	<20	11.3	<5	0.6	5.72	<0.2	2.0	94.9	0.208	0.6	80
66047 (3418281)	<1	3.20	<5	<20	0.7	<5	0.5	6.11	<0.2	1.4	93.5	0.221	0.2	75
66048 (3418282)	<1	4.07	<5	<20	88.4	<5	0.4	7.71	<0.2	2.5	94.2	0.264	3.3	33
66049 (3418283)	1	3.26	<5	<20	1.4	<5	0.3	6.18	<0.2	1.8	81.1	0.203	0.3	22
66050 (3418284)	<1	3.40	<5	<20	1.7	<5	0.3	6.04	<0.2	1.9	93.3	0.224	0.3	30

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852757

PROJECT: 2021 Surimeau DDH Batch 76

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
66001 (3418235)	2.74	1.85	0.58	9.37	16.4	2.18	2	1	0.63	<0.2	0.89	1.6	46	0.26
66002 (3418236)	0.29	0.24	0.06	0.13	0.50	0.35	2	<1	0.07	<0.2	<0.05	1.3	<10	<0.05
66003 (3418237)	2.79	1.92	0.42	9.19	15.5	2.30	2	<1	0.63	<0.2	2.33	1.9	84	0.27
66004 (3418238)	2.41	1.56	0.65	7.93	13.6	1.92	2	<1	0.52	<0.2	0.37	2.1	15	0.23
66005 (3418239)	2.48	1.56	0.62	7.97	15.3	1.94	2	<1	0.52	<0.2	0.89	1.5	41	0.21
66006 (3418240)	2.99	1.77	0.87	7.95	16.1	3.15	2	2	0.63	<0.2	0.55	7.6	26	0.27
66007 (3418241)	2.61	0.86	2.38	2.55	26.1	6.69	1	6	0.36	<0.2	0.22	58.9	<10	0.09
66008 (3418242)	2.54	0.91	2.20	2.80	24.5	6.36	1	6	0.36	<0.2	0.18	52.9	<10	0.10
66009 (3418243)	2.60	1.77	0.59	8.26	16.7	2.17	2	<1	0.61	<0.2	1.58	2.0	75	0.27
66010 (3418244)	2.70	1.72	0.72	8.13	15.1	2.20	3	<1	0.60	0.2	0.22	2.0	12	0.25
66011 (3418245)	2.64	1.61	0.48	11.0	13.8	2.00	3	<1	0.54	<0.2	0.44	1.5	21	0.25
66012 c-dup (3418246)	2.67	1.84	0.54	10.8	13.0	1.96	3	<1	0.58	<0.2	0.43	1.6	20	0.24
66013 (3418247)	2.83	1.84	0.72	9.06	10.4	2.45	<1	<1	0.63	<0.2	0.10	3.5	<10	0.28
66014 (3418248)	2.57	1.66	0.59	10.1	13.3	1.96	4	1	0.55	0.2	0.56	3.5	29	0.26
66015 (3418249)	2.91	1.76	0.67	10.5	14.3	2.38	4	1	0.65	0.4	0.62	5.3	31	0.28
66016 (3418250)	2.99	1.67	1.54	3.49	16.9	3.97	1	4	0.57	0.5	0.10	27.7	<10	0.27
66017 (3418251)	5.12	2.90	3.17	10.3	21.6	6.42	1	5	1.06	4.9	0.08	42.6	<10	0.47
66018 (3418252)	5.14	2.85	2.57	7.60	17.2	7.89	2	3	0.95	0.6	0.34	41.6	20	0.43
66019 (3418253)	4.12	1.99	2.12	9.88	20.7	6.25	1	3	0.74	1.3	1.08	42.6	52	0.28
66020 (3418254)	1.67	1.06	0.64	7.82	17.9	1.77	5	<1	0.36	0.2	2.97	7.2	116	0.14
66021 (3418255)	5.82	2.86	3.31	8.10	21.3	9.40	3	4	1.12	<0.2	0.66	50.8	36	0.38
66022 (3418256)	0.19	0.13	0.05	0.13	0.28	0.30	1	<1	0.06	<0.2	<0.05	1.4	<10	<0.05
66023 (3418257)	1.20	0.73	0.43	6.68	10.3	1.16	3	<1	0.26	<0.2	2.19	3.5	88	0.11
66024 (3418258)	1.26	0.67	0.44	6.15	10.4	1.05	3	<1	0.25	<0.2	2.08	1.3	80	0.10
66025 (3418259)	1.25	0.87	0.54	6.30	11.5	1.18	2	<1	0.30	<0.2	1.17	1.0	46	0.13
66026 (3418260)	0.91	0.57	0.26	6.40	10.9	0.66	3	<1	0.19	<0.2	2.22	0.4	79	0.07
66027 (3418261)	1.09	0.75	0.23	6.39	8.42	0.86	3	<1	0.27	<0.2	2.31	0.3	73	0.10
66028 (3418262)	1.53	0.91	0.46	7.24	7.34	1.25	3	<1	0.32	<0.2	0.70	1.0	30	0.14
66029 (3418263)	1.09	0.72	0.14	7.04	8.36	0.89	3	<1	0.23	<0.2	0.08	0.3	<10	0.10
66030 (3418264)	1.23	0.92	0.14	6.71	6.75	0.95	3	<1	0.28	<0.2	<0.05	0.4	<10	0.11
66031 (3418265)	1.41	0.93	0.20	7.76	7.88	1.04	3	<1	0.30	<0.2	<0.05	0.4	<10	0.13
66032 (3418266)	1.19	0.86	0.31	6.95	7.52	0.99	2	<1	0.29	<0.2	<0.05	1.0	<10	0.12

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852757

PROJECT: 2021 Surimeau DDH Batch 76

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
66033 (3418267)	1.26	0.81	0.19	7.07	8.07	0.97	2	<1	0.26	<0.2	<0.05	0.4	<10	0.12
66034 (3418268)	1.15	0.73	0.26	6.73	7.28	0.85	2	<1	0.25	<0.2	0.23	0.8	11	0.11
66035 (3418269)	2.40	1.43	0.71	7.44	12.3	3.39	2	2	0.52	<0.2	2.48	11.5	81	0.22
66036 (3418270)	2.27	1.49	0.73	8.66	13.2	1.91	2	<1	0.51	<0.2	0.38	1.8	20	0.23
66037 (3418271)	0.94	0.52	0.13	6.18	7.61	0.68	3	<1	0.18	<0.2	0.58	0.3	17	0.08
66038 (3418272)	1.17	0.75	0.19	6.55	10.3	1.05	3	<1	0.24	<0.2	1.99	0.4	73	0.10
66039 (3418273)	2.19	1.47	0.46	9.16	16.2	1.77	2	<1	0.48	0.4	0.43	1.6	30	0.23
66040 (3418274)	2.24	1.44	0.68	7.64	14.0	2.00	2	<1	0.50	<0.2	0.25	3.0	20	0.22
66041 (3418275)	2.68	1.67	0.93	7.54	13.2	2.86	3	2	0.56	<0.2	0.83	8.4	38	0.26
66042 (3418276)	2.35	1.44	0.80	7.28	11.1	2.45	2	1	0.50	<0.2	0.74	7.4	34	0.20
66043 (3418277)	1.27	0.81	0.29	6.88	8.63	1.08	3	<1	0.25	<0.2	0.82	0.8	28	0.12
66044 (3418278)	2.17	1.29	0.91	7.19	11.5	3.22	2	2	0.43	<0.2	1.99	13.3	63	0.20
66045 c-dup (3418279)	2.34	1.31	1.08	7.23	13.1	3.21	2	2	0.45	<0.2	1.87	14.4	61	0.17
66046 (3418280)	1.15	0.72	0.18	6.83	8.55	0.94	2	<1	0.24	<0.2	0.06	0.8	<10	0.11
66047 (3418281)	1.16	0.73	0.20	7.12	7.10	0.92	2	<1	0.26	<0.2	<0.05	0.5	<10	0.11
66048 (3418282)	1.68	1.15	0.32	8.39	8.05	1.26	2	<1	0.36	<0.2	0.42	1.1	14	0.17
66049 (3418283)	1.29	0.88	0.22	7.33	7.47	1.10	1	<1	0.30	<0.2	<0.05	0.6	<10	0.13
66050 (3418284)	1.50	1.04	0.26	7.88	7.47	1.27	2	<1	0.34	<0.2	<0.05	0.7	<10	0.13

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852757

PROJECT: 2021 Surimeau DDH Batch 76

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
66001 (3418235)	6.98	2470	43	1	3.6	1510	<0.01	10	0.59	37.0	0.29	<0.1	44	21.2
66002 (3418236)	1.72	111	<2	<1	1.1	9	<0.01	<5	0.25	0.7	0.67	<0.1	<5	5.51
66003 (3418237)	7.47	2700	<2	2	3.6	2200	0.01	12	0.63	112	1.49	<0.1	38	15.5
66004 (3418238)	6.60	2820	<2	<1	3.0	1510	0.01	11	0.61	9.0	0.41	<0.1	41	20.8
66005 (3418239)	5.52	2680	<2	1	3.1	1710	<0.01	8	0.57	41.3	0.63	<0.1	39	24.0
66006 (3418240)	5.36	2980	8	2	10.6	1830	0.05	9	2.40	21.2	0.93	<0.1	39	24.6
66007 (3418241)	0.93	497	<2	7	60.1	42	0.09	25	14.9	3.9	0.57	<0.1	5	29.2
66008 (3418242)	1.19	677	<2	6	54.1	158	0.09	24	13.6	1.8	0.54	<0.1	8	28.5
66009 (3418243)	6.04	3000	8	1	3.8	1660	<0.01	11	0.72	75.5	0.80	<0.1	41	23.0
66010 (3418244)	4.21	2360	55	2	4.0	2260	0.04	15	0.76	2.5	1.73	<0.1	36	23.9
66011 (3418245)	3.77	2090	7	1	3.0	1790	0.02	16	0.62	16.9	4.43	<0.1	41	22.3
66012 c-dup (3418246)	3.74	2090	7	1	3.1	1760	0.02	16	0.61	16.6	4.41	<0.1	41	22.3
66013 (3418247)	0.96	2760	25	1	4.6	2160	<0.01	21	0.87	0.8	5.18	<0.1	36	18.0
66014 (3418248)	4.45	2040	7	1	4.8	1550	0.01	13	1.07	25.6	3.58	<0.1	41	23.2
66015 (3418249)	4.73	2100	10	2	6.2	1680	0.01	15	1.43	28.8	3.89	<0.1	45	24.7
66016 (3418250)	0.54	338	6	6	26.8	166	0.09	21	6.96	1.5	1.62	<0.1	14	28.0
66017 (3418251)	0.55	364	202	6	39.4	704	0.04	15	10.1	1.1	6.36	<0.1	17	24.5
66018 (3418252)	5.93	2050	8	5	50.1	105	0.32	14	12.1	11.4	0.53	<0.1	36	23.6
66019 (3418253)	5.15	1260	24	4	45.4	327	0.18	15	11.2	60.1	3.05	<0.1	27	23.2
66020 (3418254)	11.8	1620	<2	2	7.6	1000	0.01	11	1.89	138	0.57	<0.1	21	22.5
66021 (3418255)	6.93	1740	<2	8	60.6	149	0.35	19	14.8	24.1	0.24	<0.1	35	22.0
66022 (3418256)	1.74	109	<2	<1	0.8	<5	<0.01	<5	0.22	0.4	0.67	<0.1	<5	5.43
66023 (3418257)	12.2	1050	<2	<1	4.2	1090	<0.01	13	0.97	97.7	0.38	<0.1	19	22.8
66024 (3418258)	12.5	1120	<2	1	2.6	1020	<0.01	14	0.53	97.7	0.16	<0.1	21	23.2
66025 (3418259)	11.5	1370	<2	1	2.1	833	0.07	5	0.43	50.0	0.15	<0.1	17	23.7
66026 (3418260)	12.2	1140	<2	<1	1.0	1060	<0.01	7	0.19	91.9	0.13	<0.1	19	23.5
66027 (3418261)	12.4	1170	<2	<1	1.2	1120	<0.01	11	0.22	101	0.45	<0.1	19	23.0
66028 (3418262)	12.4	1640	<2	<1	1.8	1110	<0.01	10	0.34	30.5	1.59	<0.1	29	19.4
66029 (3418263)	15.1	1250	<2	<1	1.2	1300	<0.01	<5	0.22	2.9	1.32	<0.1	21	21.7
66030 (3418264)	14.4	1180	<2	<1	1.4	1010	<0.01	<5	0.26	0.9	1.20	<0.1	21	21.9
66031 (3418265)	14.1	1300	<2	<1	1.5	1060	0.01	<5	0.23	0.8	1.55	<0.1	24	21.0
66032 (3418266)	12.7	1510	<2	<1	1.9	1300	<0.01	231	0.32	0.7	0.92	<0.1	21	18.0

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852757

PROJECT: 2021 Surimeau DDH Batch 76

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
66033 (3418267)	14.2	1150	<2	<1	1.6	1160	<0.01	<5	0.26	0.7	0.62	<0.1	22	21.3
66034 (3418268)	13.7	1170	<2	<1	1.8	1310	<0.01	<5	0.35	9.3	0.57	<0.1	19	22.2
66035 (3418269)	11.4	1270	<2	2	16.6	885	0.07	12	3.93	121	0.31	<0.1	26	21.3
66036 (3418270)	5.69	3030	<2	<1	3.3	1630	<0.01	12	0.61	12.0	0.47	<0.1	37	19.5
66037 (3418271)	14.3	1050	<2	<1	0.9	1480	<0.01	<5	0.16	28.1	0.90	<0.1	16	22.5
66038 (3418272)	12.1	1420	<2	<1	1.5	1040	<0.01	<5	0.26	90.1	0.18	<0.1	18	23.4
66039 (3418273)	8.86	2830	<2	2	3.3	2050	<0.01	6	0.60	15.8	0.40	<0.1	34	21.8
66040 (3418274)	8.05	2650	<2	2	4.7	1370	0.01	14	0.97	6.1	0.26	<0.1	31	19.8
66041 (3418275)	9.27	2220	<2	3	10.8	870	0.05	8	2.44	34.7	0.49	<0.1	28	18.8
66042 (3418276)	9.03	2250	<2	3	9.5	834	0.06	7	2.15	29.8	0.51	<0.1	27	18.8
66043 (3418277)	12.9	1330	<2	<1	1.8	1090	<0.01	<5	0.34	39.1	0.78	<0.1	20	21.6
66044 (3418278)	11.2	1290	<2	2	15.9	713	0.08	9	3.87	89.4	0.21	<0.1	25	22.1
66045 c-dup (3418279)	11.0	1310	<2	2	16.9	690	0.08	9	4.10	86.4	0.22	<0.1	25	22.0
66046 (3418280)	14.5	1070	<2	<1	1.5	1320	<0.01	<5	0.27	2.8	0.58	<0.1	20	21.8
66047 (3418281)	14.4	1150	<2	<1	1.5	1280	<0.01	<5	0.23	0.8	0.61	<0.1	21	20.3
66048 (3418282)	12.7	1850	<2	<1	2.1	1050	0.01	<5	0.41	17.8	0.42	<0.1	27	16.4
66049 (3418283)	14.2	1340	<2	<1	1.7	931	<0.01	<5	0.29	0.6	0.30	<0.1	21	19.6
66050 (3418284)	14.7	1330	<2	<1	2.0	1100	0.01	<5	0.32	0.7	0.39	<0.1	23	19.4

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852757

PROJECT: 2021 Surimeau DDH Batch 76

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
66001 (3418235)	1.3	3	171	<0.5	0.40	0.1	0.36	<0.5	0.27	0.11	237	<1	16.1	1.8
66002 (3418236)	0.2	<1	71.0	<0.5	0.06	<0.1	0.03	<0.5	<0.05	0.20	7	<1	2.7	0.2
66003 (3418237)	1.3	3	173	<0.5	0.38	<0.1	0.34	1.7	0.24	0.29	228	<1	16.1	1.8
66004 (3418238)	1.1	4	304	<0.5	0.31	<0.1	0.27	<0.5	0.22	0.14	206	<1	13.9	1.6
66005 (3418239)	1.2	3	291	<0.5	0.33	<0.1	0.32	0.7	0.21	0.16	217	<1	13.3	1.6
66006 (3418240)	2.7	3	335	<0.5	0.46	1.3	0.35	<0.5	0.25	0.51	225	<1	16.4	1.7
66007 (3418241)	10.1	4	1730	<0.5	0.71	8.9	0.32	<0.5	0.09	2.63	60	<1	10.3	0.6
66008 (3418242)	9.2	4	1550	<0.5	0.63	8.1	0.30	<0.5	0.11	2.48	78	<1	10.1	0.7
66009 (3418243)	1.4	3	258	<0.5	0.39	0.2	0.33	1.5	0.25	0.11	231	<1	15.7	1.6
66010 (3418244)	1.5	5	549	<0.5	0.38	<0.1	0.32	<0.5	0.24	0.74	232	<1	15.4	1.7
66011 (3418245)	1.3	5	486	<0.5	0.37	<0.1	0.34	<0.5	0.24	0.14	223	<1	14.2	1.8
66012 c-dup (3418246)	1.5	5	488	<0.5	0.36	<0.1	0.33	<0.5	0.24	0.15	222	<1	14.4	1.7
66013 (3418247)	1.2	4	533	<0.5	0.40	<0.1	0.30	<0.5	0.26	0.14	159	<1	16.2	1.8
66014 (3418248)	1.6	4	383	<0.5	0.38	0.4	0.36	0.6	0.25	0.17	222	<1	13.8	1.7
66015 (3418249)	1.7	4	421	<0.5	0.43	0.5	0.40	0.7	0.26	0.24	237	<1	15.5	1.9
66016 (3418250)	4.8	5	685	<0.5	0.54	7.5	0.36	<0.5	0.24	2.41	71	<1	14.7	1.7
66017 (3418251)	7.7	17	628	0.6	0.96	11.4	0.31	<0.5	0.42	2.93	60	<1	24.5	2.7
66018 (3418252)	10.1	14	646	<0.5	1.01	6.3	0.51	<0.5	0.41	1.92	251	<1	26.7	2.8
66019 (3418253)	8.0	10	562	<0.5	0.81	7.2	0.45	0.9	0.28	1.78	174	<1	19.4	1.9
66020 (3418254)	1.7	5	59.6	<0.5	0.27	0.9	0.22	1.7	0.15	0.62	130	<1	9.4	1.0
66021 (3418255)	12.0	16	774	<0.5	1.14	8.1	0.53	<0.5	0.41	2.49	242	<1	28.0	2.7
66022 (3418256)	0.2	<1	74.9	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.14	<5	<1	2.2	0.2
66023 (3418257)	1.1	2	37.5	<0.5	0.18	0.4	0.17	1.2	0.11	0.43	95	<1	6.3	0.7
66024 (3418258)	0.8	2	40.2	<0.5	0.20	<0.1	0.16	1.1	0.11	0.15	104	<1	6.2	0.7
66025 (3418259)	0.7	4	62.2	<0.5	0.20	<0.1	0.14	0.5	0.13	0.23	136	<1	8.4	0.8
66026 (3418260)	0.5	2	50.5	<0.5	0.14	<0.1	0.16	1.0	0.08	0.08	101	<1	4.7	0.5
66027 (3418261)	0.6	1	43.7	<0.5	0.17	<0.1	0.16	1.1	0.10	0.08	100	<1	6.0	0.7
66028 (3418262)	0.6	2	136	<0.5	0.20	<0.1	0.22	<0.5	0.13	<0.05	153	<1	8.3	0.9
66029 (3418263)	0.5	<1	27.3	<0.5	0.16	<0.1	0.17	<0.5	0.11	<0.05	113	<1	5.8	0.7
66030 (3418264)	0.7	<1	30.4	<0.5	0.18	<0.1	0.16	<0.5	0.13	<0.05	110	<1	6.9	0.8
66031 (3418265)	0.6	1	36.0	<0.5	0.21	<0.1	0.21	<0.5	0.12	<0.05	131	<1	7.6	0.9
66032 (3418266)	0.7	1	215	<0.5	0.17	<0.1	0.17	<0.5	0.12	<0.05	110	<1	7.2	0.8

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852757

PROJECT: 2021 Surimeau DDH Batch 76

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
66033 (3418267)	0.6	<1	31.4	<0.5	0.19	<0.1	0.18	<0.5	0.12	0.07	112	<1	6.8	0.8
66034 (3418268)	0.6	<1	66.9	<0.5	0.17	<0.1	0.17	<0.5	0.11	0.07	101	<1	6.5	0.7
66035 (3418269)	3.5	2	68.1	<0.5	0.44	2.2	0.27	1.3	0.20	0.61	156	<1	13.4	1.3
66036 (3418270)	1.2	2	324	<0.5	0.33	<0.1	0.30	<0.5	0.22	0.05	213	<1	13.9	1.5
66037 (3418271)	0.4	1	29.8	<0.5	0.11	<0.1	0.13	<0.5	0.07	<0.05	89	<1	4.5	0.6
66038 (3418272)	0.7	2	54.3	<0.5	0.17	<0.1	0.15	1.0	0.11	0.06	112	<1	7.1	0.7
66039 (3418273)	1.2	8	122	<0.5	0.33	0.2	0.26	<0.5	0.20	0.25	205	<1	12.6	1.4
66040 (3418274)	1.5	5	327	<0.5	0.32	0.6	0.27	<0.5	0.21	0.32	180	<1	13.1	1.4
66041 (3418275)	2.6	4	335	<0.5	0.41	1.9	0.32	<0.5	0.23	0.64	192	<1	15.4	1.5
66042 (3418276)	2.5	3	379	<0.5	0.37	1.6	0.29	<0.5	0.21	0.64	179	<1	13.8	1.4
66043 (3418277)	0.6	2	79.7	<0.5	0.20	<0.1	0.18	<0.5	0.10	0.10	112	<1	7.1	0.8
66044 (3418278)	3.3	3	182	<0.5	0.44	2.6	0.30	0.9	0.18	0.85	160	<1	11.5	1.2
66045 c-dup (3418279)	3.7	3	201	<0.5	0.46	2.9	0.30	0.9	0.20	0.89	163	<1	12.0	1.1
66046 (3418280)	0.5	1	47.0	<0.5	0.17	<0.1	0.17	<0.5	0.11	0.06	108	<1	6.4	0.7
66047 (3418281)	0.6	1	84.5	<0.5	0.18	<0.1	0.18	<0.5	0.10	<0.05	117	<1	6.4	0.7
66048 (3418282)	0.9	<1	229	<0.5	0.22	<0.1	0.23	<0.5	0.17	<0.05	156	<1	10.5	1.1
66049 (3418283)	0.8	<1	97.1	<0.5	0.20	<0.1	0.18	<0.5	0.13	<0.05	120	<1	7.7	0.9
66050 (3418284)	0.7	<1	103	<0.5	0.24	<0.1	0.19	<0.5	0.14	<0.05	133	<1	8.8	1.0

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852757

PROJECT: 2021 Surimeau DDH Batch 76

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
66001 (3418235)	99	31.7
66002 (3418236)	7	4.2
66003 (3418237)	110	30.9
66004 (3418238)	102	24.2
66005 (3418239)	146	28.3
66006 (3418240)	172	55.8
66007 (3418241)	77	232
66008 (3418242)	100	215
66009 (3418243)	248	32.0
66010 (3418244)	351	26.7
66011 (3418245)	489	33.5
66012 c-dup (3418246)	490	36.5
66013 (3418247)	483	26.9
66014 (3418248)	590	34.4
66015 (3418249)	1240	40.7
66016 (3418250)	1090	158
66017 (3418251)	13100	179
66018 (3418252)	605	125
66019 (3418253)	3610	109
66020 (3418254)	631	32.0
66021 (3418255)	238	165
66022 (3418256)	<5	3.2
66023 (3418257)	192	19.1
66024 (3418258)	151	15.1
66025 (3418259)	306	12.4
66026 (3418260)	134	12.7
66027 (3418261)	64	13.7
66028 (3418262)	82	21.3
66029 (3418263)	57	15.5
66030 (3418264)	49	15.8
66031 (3418265)	59	17.8
66032 (3418266)	50	14.9

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852757

PROJECT: 2021 Surimeau DDH Batch 76

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
66033 (3418267)	59	19.0
66034 (3418268)	53	16.0
66035 (3418269)	79	70.6
66036 (3418270)	89	27.4
66037 (3418271)	42	11.3
66038 (3418272)	188	13.9
66039 (3418273)	607	26.8
66040 (3418274)	120	33.7
66041 (3418275)	111	57.2
66042 (3418276)	107	45.9
66043 (3418277)	74	16.5
66044 (3418278)	113	59.1
66045 c-dup (3418279)	118	60.4
66046 (3418280)	64	17.4
66047 (3418281)	52	16.1
66048 (3418282)	68	23.6
66049 (3418283)	55	16.9
66050 (3418284)	58	14.5

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852757

PROJECT: 2021 Surimeau DDH Batch 76

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Crush-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
66001 (3418235)	77.77
66020 (3418254)	80.76
66040 (3418274)	82.21

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852757

PROJECT: 2021 Surimeau DDH Batch 76

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Pul-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
66001 (3418235)	89.16
66020 (3418254)	85.48
66040 (3418274)	88.01

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 22O852757

PROJECT: 2021 Surimeau DDH Batch 76

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	3418235	< 1	<1	0.0%	3418249	2	2	0.0%	3418275	< 1	<1	0.0%	3418260	< 1	<1	0.0%
Al	3418235	5.99	5.96	0.5%	3418249	6.98	6.50	7.1%	3418275	4.12	4.08	1.0%	3418260	3.21	3.15	1.9%
As	3418235	< 5	<5	0.0%	3418249	< 5	<5	0.0%	3418275	< 5	<5	0.0%	3418260	< 5	<5	0.0%
B	3418235	< 20	<20	0.0%	3418249	< 20	<20	0.0%	3418275	< 20	<20	0.0%	3418260	< 20	<20	0.0%
Ba	3418235	374	369	1.3%	3418249	737	688	6.9%	3418275	231	221	4.4%	3418260	287	273	5.0%
Be	3418235	< 5	<5	0.0%	3418249	< 5	<5	0.0%	3418275	< 5	<5	0.0%	3418260	< 5	<5	0.0%
Bi	3418235	0.6	0.6	0.0%	3418249	0.5	0.5	0.0%	3418275	0.4	0.4	0.0%	3418260	0.3	0.3	0.0%
Ca	3418235	7.65	7.57	1.1%	3418249	5.26	4.90	7.1%	3418275	11.1	11.0	0.9%	3418260	6.21	6.35	2.2%
Cd	3418235	< 0.2	<0.2	0.0%	3418249	2.1	2.4	13.3%	3418275	< 0.2	<0.2	0.0%	3418260	0.2	0.2	0.0%
Ce	3418235	3.9	3.8	2.6%	3418249	10.7	9.6	10.8%	3418275	18.4	18.8	2.2%	3418260	1.1	1.2	8.7%
Co	3418235	151	153	1.3%	3418249	135	130	3.8%	3418275	89.4	89.6	0.2%	3418260	75.4	77.3	2.5%
Cr	3418235	0.413	0.412	0.2%	3418249	0.431	0.398	8.0%	3418275	0.197	0.195	1.0%	3418260	0.192	0.186	3.2%
Cs	3418235	4.1	4.1	0.0%	3418249	2.4	2.2	8.7%	3418275	5.8	5.5	5.3%	3418260	15.9	16.1	1.3%
Cu	3418235	43	42	2.4%	3418249	1470	1340	9.3%	3418275	78	80	2.5%	3418260	< 5	<5	0.0%
Dy	3418235	2.74	2.76	0.7%	3418249	2.91	2.78	4.6%	3418275	2.68	2.77	3.3%	3418260	0.91	0.99	8.4%
Er	3418235	1.85	1.81	2.2%	3418249	1.76	1.83	3.9%	3418275	1.67	1.71	2.4%	3418260	0.57	0.61	6.8%
Eu	3418235	0.58	0.58	0.0%	3418249	0.67	0.64	4.6%	3418275	0.93	0.90	3.3%	3418260	0.26	0.24	8.0%
Fe	3418235	9.37	9.29	0.9%	3418249	10.5	9.74	7.5%	3418275	7.54	7.49	0.7%	3418260	6.40	6.42	0.3%
Ga	3418235	16.4	15.4	6.3%	3418249	14.3	13.5	5.8%	3418275	13.2	12.7	3.9%	3418260	10.9	10.5	3.7%
Gd	3418235	2.18	2.18	0.0%	3418249	2.38	2.35	1.3%	3418275	2.86	2.84	0.7%	3418260	0.66	0.72	8.7%
Ge	3418235	2	2	0.0%	3418249	4	4	0.0%	3418275	3	2	40.0%	3418260	3	3	0.0%
Hf	3418235	1	<1		3418249	1	1	0.0%	3418275	2	1	66.7%	3418260	< 1	<1	0.0%
Ho	3418235	0.63	0.60	4.9%	3418249	0.65	0.59	9.7%	3418275	0.56	0.55	1.8%	3418260	0.19	0.20	5.1%
In	3418235	< 0.2	<0.2	0.0%	3418249	0.4	0.4	0.0%	3418275	< 0.2	<0.2	0.0%	3418260	< 0.2	<0.2	0.0%
K	3418235	0.89	0.89	0.0%	3418249	0.62	0.58	6.7%	3418275	0.83	0.81	2.4%	3418260	2.22	2.20	0.9%
La	3418235	1.6	1.6	3.1%	3418249	5.3	4.6	14.1%	3418275	8.4	8.6	2.4%	3418260	0.4	0.3	28.6%
Li	3418235	46	45	3.0%	3418249	31	30	3.3%	3418275	38	37	2.7%	3418260	79	77	2.6%
Lu	3418235	0.26	0.26	2.5%	3418249	0.28	0.28	0.0%	3418275	0.26	0.25	3.9%	3418260	0.07	0.10	35.3%
Mg	3418235	6.98	6.94	0.5%	3418249	4.73	4.36	8.1%	3418275	9.27	9.11	1.7%	3418260	12.2	12.0	1.7%
Mn	3418235	2470	2460	0.4%	3418249	2100	1950	7.4%	3418275	2220	2220	0.0%	3418260	1140	1160	1.7%
Mo	3418235	43	29	38.8%	3418249	10	18		3418275	< 2	<2	0.0%	3418260	< 2	<2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Nb	3418235	1	<1		3418249	2	1	66.7%	3418275	3	3	0.0%	3418260	< 1	<1	0.0%
Nd	3418235	3.6	3.4	7.2%	3418249	6.2	5.6	11.0%	3418275	10.8	11.0	1.8%	3418260	1.0	1.2	18.2%
Ni	3418235	1510	1510	0.0%	3418249	1680	1510	10.9%	3418275	870	857	1.5%	3418260	1060	1040	1.9%
P	3418235	< 0.01	<0.01	0.0%	3418249	0.01	0.01	3.7%	3418275	0.05	0.05	0.0%	3418260	< 0.01	<0.01	0.0%
Pb	3418235	10	9	17.6%	3418249	15	14	4.1%	3418275	8	8	0.0%	3418260	7	7	0.0%
Pr	3418235	0.59	0.62	4.9%	3418249	1.43	1.33	7.7%	3418275	2.44	2.53	3.6%	3418260	0.19	0.21	10.0%
Rb	3418235	37.0	36.3	2.0%	3418249	28.8	28.1	2.4%	3418275	34.7	34.5	0.6%	3418260	91.9	92.5	0.7%
S	3418235	0.29	0.28	2.0%	3418249	3.89	3.55	8.9%	3418275	0.49	0.49	0.0%	3418260	0.13	0.12	8.0%
Sb	3418235	< 0.1	<0.1	0.0%	3418249	< 0.1	<0.1	0.0%	3418275	< 0.1	<0.1	0.0%	3418260	< 0.1	<0.1	0.0%
Sc	3418235	44	44	1.1%	3418249	45	42	7.0%	3418275	28	28	0.0%	3418260	19	18	5.4%
Si	3418235	21.2	21.1	0.3%	3418249	24.7	23.0	7.2%	3418275	18.8	18.7	0.5%	3418260	23.5	23.9	1.7%
Sm	3418235	1.3	1.4	7.9%	3418249	1.7	1.6	5.0%	3418275	2.6	2.5	3.9%	3418260	0.5	0.5	0.0%
Sn	3418235	3	3	9.3%	3418249	4	4	3.8%	3418275	4	3	28.6%	3418260	2	2	0.0%
Sr	3418235	171	171	0.2%	3418249	421	389	7.9%	3418275	335	332	0.9%	3418260	50.5	52.4	3.7%
Ta	3418235	< 0.5	<0.5	0.0%	3418249	< 0.5	<0.5	0.0%	3418275	< 0.5	<0.5	0.0%	3418260	< 0.5	<0.5	0.0%
Tb	3418235	0.40	0.38	7.2%	3418249	0.43	0.41	6.4%	3418275	0.41	0.42	2.4%	3418260	0.14	0.14	0.0%
Th	3418235	0.1	0.1	1.4%	3418249	0.5	0.4	10.5%	3418275	1.9	1.8	5.4%	3418260	< 0.1	<0.1	0.0%
Ti	3418235	0.36	0.36	1.0%	3418249	0.40	0.37	7.5%	3418275	0.32	0.33	3.1%	3418260	0.16	0.16	0.0%
Tl	3418235	< 0.5	<0.5	0.0%	3418249	0.7	0.7	0.7%	3418275	< 0.5	<0.5	0.0%	3418260	1.0	1.0	0.0%
Tm	3418235	0.27	0.29	6.6%	3418249	0.26	0.25	3.9%	3418275	0.23	0.23	0.0%	3418260	0.08	0.09	11.8%
U	3418235	0.11	0.11	2.0%	3418249	0.24	0.22	11.1%	3418275	0.64	0.60	6.5%	3418260	0.08	0.09	11.8%
V	3418235	237	237	0.2%	3418249	237	216	9.3%	3418275	192	190	1.0%	3418260	101	98	3.0%
W	3418235	< 1	<1	0.0%	3418249	< 1	<1	0.0%	3418275	< 1	<1	0.0%	3418260	< 1	<1	0.0%
Y	3418235	16.1	16.2	0.8%	3418249	15.5	15.2	1.9%	3418275	15.4	15.5	0.6%	3418260	4.7	5.0	6.2%
Yb	3418235	1.8	1.8	1.5%	3418249	1.9	1.9	1.0%	3418275	1.5	1.6	6.5%	3418260	0.5	0.6	18.2%
Zn	3418235	99	100	1.3%	3418249	1240	1190	4.6%	3418275	111	112	0.9%	3418260	134	130	3.0%
Zr	3418235	31.7	32.8	3.4%	3418249	40.7	39.6	2.8%	3418275	57.2	54.7	4.5%	3418260	12.7	12.5	1.6%
	REPLICATE #5															
Parameter	Sample ID	Original	Replicate	RPD												
Ag	3425219	< 1	<1	0.0%												
As	3425219	< 5	<5	0.0%												
Bi	3425219	0.3	0.3	0.0%												
Cd	3425219	< 0.2	<0.2	0.0%												
Ce	3425219	1.5	1.5	0.0%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Co	3425219	80.1	81.5	1.7%												
Cs	3425219	17.2	18.1	5.1%												
Dy	3425219	1.30	1.20	8.0%												
Er	3425219	0.81	0.81	0.0%												
Eu	3425219	0.29	0.28	3.5%												
Ga	3425219	9.97	9.87	1.0%												
Gd	3425219	0.91	0.99	8.4%												
Ge	3425219	3	3	0.0%												
Hf	3425219	< 1	<1	0.0%												
Ho	3425219	0.28	0.26	7.4%												
In	3425219	< 0.2	<0.2	0.0%												
La	3425219	0.5	0.4	22.2%												
Lu	3425219	0.12	0.11	8.7%												
Mo	3425219	< 2	<2	0.0%												
Nb	3425219	< 1	<1	0.0%												
Nd	3425219	1.4	1.4	0.0%												
Pb	3425219	< 5	<5	0.0%												
Pr	3425219	0.28	0.23	19.6%												
Rb	3425219	108	115	6.3%												
Sb	3425219	< 0.1	<0.1	0.0%												
Sm	3425219	0.6	0.6	0.0%												
Sn	3425219	1	1	0.0%												
Ta	3425219	< 0.5	<0.5	0.0%												
Tb	3425219	0.18	0.16	11.8%												
Th	3425219	< 0.1	<0.1	0.0%												
Tl	3425219	1.1	1.1	0.0%												
Tm	3425219	0.11	0.11	0.0%												
U	3425219	0.10	0.08	22.2%												
W	3425219	< 1	<1	0.0%												
Y	3425219	7.0	6.6	5.9%												
Yb	3425219	0.8	0.7	13.3%												
Zr	3425219	16.7	17.1	2.4%												

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 22O852757

PROJECT: 2021 Surimeau DDH Batch 76

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.CGL-015)				CRM #2 (ref.Till-2)				CRM #3 (ref.CGL-015)				CRM #4 (ref.Till-2)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	13.0	12.7	97%	80% - 120%									8.47	8.34	98%	80% - 120%
As					26.0	26.0	100%	80% - 120%					26.0	26.5	102%	80% - 120%
Ba	1310.0	1280	98%	80% - 120%									540.0	496	92%	80% - 120%
Be													4.0	3.98	99%	80% - 120%
Ca	1.42	1.39	98%	80% - 120%									0.907	0.908	100%	80% - 120%
Ce					98.0	109	112%	80% - 120%	58.24	66	114%	80% - 120%	98.0	106	108%	80% - 120%
Co					15.0	15	97%	80% - 120%					15.0	15	97%	80% - 120%
Cr	25.6	23.9	93%	80% - 120%									74.0	67.3	91%	80% - 120%
Cs					12.0	12	102%	80% - 120%					12.0	12	102%	80% - 120%
Cu													150.0	151	100%	80% - 120%
Fe	3.27	3.26	100%	80% - 120%									3.77	3.92	104%	80% - 120%
Hf					11.0	10	93%	80% - 120%					11.0	11	96%	80% - 120%
K	3.68	3.66	99%	80% - 120%									2.55	2.49	98%	80% - 120%
La					44.0	48.1	109%	80% - 120%	27.48	31.2	114%	80% - 120%	44.0	47.5	108%	80% - 120%
Li	65.0	67.9	104%	80% - 120%									47.0	48.5	103%	80% - 120%
Mg													1.1	1.09	99%	80% - 120%
Mn													780.0	783	100%	80% - 120%
Mo					14.0	12	89%	80% - 120%					14.0	13	90%	80% - 120%
Nb					20.0	19	95%	80% - 120%	22.63	23	102%	80% - 120%	20.0	20	98%	80% - 120%
Ni													32.0	33.6	105%	80% - 120%
P	0.061	0.057	93%	80% - 120%												
Pb					31.0	34	109%	80% - 120%	7.0	8	114%	80% - 120%	31.0	34	110%	80% - 120%
Rb					143.0	150	105%	80% - 120%	85.36	91	107%	80% - 120%	143.0	149	104%	80% - 120%
Sb					0.8	0.8	106%	80% - 120%					0.8	0.8	100%	80% - 120%
Sc													12.0	11.8	99%	80% - 120%
Si	24.4	23.7	97%	80% - 120%												
Sr	310.0	315	102%	80% - 120%									144.0	156	109%	80% - 120%
Ta					1.9	2	105%	80% - 120%					1.9	2	99%	80% - 120%
Th					18.4	19	105%	80% - 120%					18.4	20	108%	80% - 120%
Ti	0.222	0.207	93%	80% - 120%									0.527	0.515	98%	80% - 120%
U					5.7	6	97%	80% - 120%					5.7	6	98%	80% - 120%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

V													77.0	73.8	96%	80% - 120%
W					5.0	5.4	109%	80% - 120%					5.0	5.5	110%	80% - 120%
Y					40.0	38.5	96%	80% - 120%	25.32	25.5	101%	80% - 120%	40.0	38.5	96%	80% - 120%
Yb									2.66	3.0	114%	80% - 120%				
Zn	75.42	77.6	103%	80% - 120%									130.0	118	91%	80% - 120%
	CRM #5 (ref.GTS-2a)				CRM #6 (ref.Till-2)											
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Al	6.94	7.01	101%	80% - 120%												
As	124.0	126	101%	80% - 120%	26.0	25.6	99%	80% - 120%								
Ca	4.01	4.06	101%	80% - 120%												
Ce					98.0	103	105%	80% - 120%								
Co	22.1	23	104%	80% - 120%	15.0	14	96%	80% - 120%								
Cs					12.0	13	112%	80% - 120%								
Cu	88.6	82.7	93%	80% - 120%												
Fe	7.56	7.96	105%	80% - 120%												
Hf					11.0	11	99%	80% - 120%								
K	2.02	2.02	100%	80% - 120%												
La					44.0	45.9	104%	80% - 120%								
Mg	2.41	2.47	102%	80% - 120%												
Mn	1510.0	1550	103%	80% - 120%												
Mo					14.0	14	101%	80% - 120%								
Nb					20.0	19	96%	80% - 120%								
Pb					31.0	35	113%	80% - 120%								
Rb					143.0	151	105%	80% - 120%								
Sb					0.8	0.9	113%	80% - 120%								
Si	23.65	23.9	101%	80% - 120%												
Ta					1.9	2	99%	80% - 120%								
Th	1.244	1	104%	80% - 120%	18.4	20	111%	80% - 120%								
U					5.7	6	102%	80% - 120%								
W					5.0	5.4	107%	80% - 120%								
Y					40.0	35.8	90%	80% - 120%								

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O852757

PROJECT: 2021 Surimeau DDH Batch 76

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O852757

PROJECT: 2021 Surimeau DDH Batch 76

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O852757

PROJECT: 2021 Surimeau DDH Batch 76

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Crush-Pass %			BALANCE
Pul-Pass %			BALANCE

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 77

AGAT WORK ORDER: 22O852758

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Mar 10, 2022

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

Disclaimer:

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project Manager if you require additional sample storage time.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
- The test results reported herewith relate only to the samples as received by the laboratory.
- Measurement Uncertainty is not taken into consideration when stating conformity with a specified requirement.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852758

PROJECT: 2021 Surimeau DDH Batch 77

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
66051 (3418299)	3.090
66052 (3418300)	1.080
66053 (3418301)	3.150
66054 (3418302)	3.330
66055 (3418303)	2.040
66056 (3418304)	2.130
66057 (3418305)	2.860
66058 (3418306)	2.400
66059 (3418307)	2.880
66060 (3418308)	2.190
66061 (3418309)	2.070
66062 (3418310)	-
66063 (3418311)	1.740
66064 (3418312)	3.020
66065 (3418313)	1.590
66066 (3418314)	2.200
66067 (3418315)	2.210
66068 (3418316)	1.390
66069 (3418317)	2.890
66070 (3418318)	2.060
66071 (3418319)	1.650
66072 (3418320)	1.200
66073 (3418321)	2.990
66074 (3418322)	3.040
66075 (3418323)	3.420
66076 (3418324)	3.010
66077 (3418325)	1.890
66078 (3418326)	1.810
66079 (3418327)	2.330
66080 (3418328)	2.670
66081 (3418329)	2.010

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852758

PROJECT: 2021 Surimeau DDH Batch 77

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
66082 (3418330)	2.060
66083 (3418331)	1.650
66084 (3418332)	1.250
66085 (3418333)	2.880
66086 (3418334)	2.700
66087 (3418335)	2.270
66088 (3418336)	0.960
66089 (3418337)	1.670
66090 (3418338)	1.290
66091 (3418339)	1.000
66092 (3418340)	0.550
66093 (3418341)	1.960
66094 (3418342)	1.740
66095 (3418343)	-
66096 (3418344)	3.340
66097 (3418345)	3.270
66098 (3418346)	3.050
66099 (3418347)	1.990
66100 (3418348)	2.080

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852758

PROJECT: 2021 Surimeau DDH Batch 77

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
66051 (3418299)	<1	3.43	<5	30	0.6	<5	0.4	6.17	<0.2	1.7	94.8	0.231	0.2	52
66052 (3418300)	<1	0.10	<5	<20	15.2	<5	<0.1	34.5	<0.2	1.1	1.0	<0.005	<0.1	<5
66053 (3418301)	<1	2.94	<5	32	0.8	<5	0.5	5.56	<0.2	1.8	91.1	0.215	0.4	47
66054 (3418302)	<1	3.09	<5	30	0.5	<5	0.5	3.82	<0.2	1.6	96.4	0.221	0.5	10
66055 (3418303)	<1	2.89	<5	33	0.6	<5	0.5	3.94	<0.2	1.5	89.8	0.208	0.4	12
66056 (3418304)	<1	3.07	<5	30	2.0	<5	0.4	5.30	<0.2	1.5	95.8	0.208	0.4	66
66057 (3418305)	<1	3.60	<5	28	3.4	<5	0.5	6.12	<0.2	1.5	106	0.244	0.4	70
66058 (3418306)	<1	4.71	<5	33	255	<5	0.6	11.4	<0.2	3.4	111	0.304	8.7	64
66059 (3418307)	<1	3.22	<5	27	80.3	<5	0.4	7.32	<0.2	1.6	88.1	0.211	2.5	34
66060 (3418308)	<1	2.68	<5	29	0.7	<5	0.6	4.81	<0.2	0.9	84.5	0.194	0.4	30
66061 (3418309)	<1	3.97	<5	<20	52.6	<5	0.3	4.43	<0.2	1.1	91.6	0.251	2.6	65
66062 (3418310)	<1	3.84	<5	29	60.1	<5	0.3	4.34	<0.2	1.1	99.0	0.246	3.1	62
66063 (3418311)	<1	2.60	12	26	241	<5	0.3	6.03	<0.2	2.6	75.2	0.165	16.6	7
66064 (3418312)	<1	3.07	<5	26	15.1	<5	0.4	5.56	<0.2	1.4	94.3	0.212	1.1	67
66065 (3418313)	<1	2.99	<5	21	19.5	<5	0.4	5.50	<0.2	1.3	86.4	0.206	1.3	59
66066 (3418314)	<1	3.42	<5	31	2.1	<5	0.3	5.32	<0.2	1.3	96.3	0.227	0.5	72
66067 (3418315)	<1	3.92	<5	33	1.1	<5	0.2	5.17	<0.2	1.2	89.6	0.253	0.3	39
66068 (3418316)	<1	3.65	<5	30	5.8	<5	0.3	6.21	<0.2	1.4	99.0	0.235	0.5	43
66069 (3418317)	<1	4.64	<5	28	640	<5	1.0	17.2	<0.2	4.4	154	0.362	14.1	64
66070 (3418318)	<1	4.35	<5	30	521	<5	0.5	14.6	<0.2	17.1	108	0.208	4.8	60
66071 (3418319)	<1	3.27	<5	26	235	<5	0.5	16.5	<0.2	6.2	99.8	0.218	5.8	60
66072 (3418320)	<1	0.08	<5	<20	16.4	<5	<0.1	33.5	<0.2	1.1	0.6	<0.005	<0.1	<5
66073 (3418321)	<1	4.22	<5	32	16.7	<5	0.2	5.96	<0.2	1.6	99.1	0.228	1.0	<5
66074 (3418322)	<1	2.83	<5	28	1.5	<5	0.3	8.24	<0.2	2.7	83.9	0.203	0.3	32
66075 (3418323)	<1	2.77	<5	28	2.7	<5	0.4	5.80	<0.2	1.3	93.9	0.200	0.2	50
66076 (3418324)	<1	4.21	<5	29	1.4	<5	0.3	4.47	<0.2	1.5	99.2	0.265	0.2	57
66077 (3418325)	<1	3.25	<5	23	0.9	<5	0.4	6.90	<0.2	2.1	90.2	0.230	0.2	50
66078 (3418326)	<1	2.86	<5	28	6.8	<5	0.4	6.68	<0.2	1.6	94.5	0.194	0.8	35
66079 (3418327)	<1	5.46	<5	32	313	<5	1.3	7.74	<0.2	4.6	148	0.378	4.9	54
66080 (3418328)	<1	5.41	<5	29	246	<5	1.0	6.23	0.4	24.8	124	0.243	1.6	218
66081 (3418329)	3	6.91	<5	40	83.7	<5	10.4	2.29	38.7	70.7	161	0.015	<0.1	824
66082 (3418330)	<1	7.17	<5	<20	535	<5	0.4	4.56	2.8	93.7	43.3	0.021	0.8	226

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852758

PROJECT: 2021 Surimeau DDH Batch 77

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
66083 (3418331)	<1	6.91	<5	38	256	<5	1.5	2.39	35.0	71.0	128	0.044	1.3	625
66084 (3418332)	<1	5.10	<5	25	1000	<5	0.2	5.42	0.5	30.6	65.3	0.135	8.1	45
66085 (3418333)	<1	7.00	<5	30	975	<5	0.3	6.23	1.3	64.6	43.5	0.034	3.1	167
66086 (3418334)	<1	6.43	<5	29	835	<5	0.3	6.48	1.2	65.3	48.0	0.049	2.9	181
66087 (3418335)	<1	6.96	<5	26	992	<5	0.9	4.93	3.3	59.3	53.6	0.046	4.9	286
66088 (3418336)	12	7.10	<5	42	939	<5	1.2	3.70	20.4	77.7	100	0.031	2.4	574
66089 (3418337)	<1	7.54	<5	34	340	<5	0.9	3.84	17.2	56.9	93.3	0.030	<0.1	639
66090 (3418338)	<1	7.45	<5	30	335	<5	0.9	4.22	16.2	70.9	92.4	0.027	0.1	681
66091 (3418339)	<1	9.43	<5	<20	650	<5	0.6	4.00	<0.2	69.7	31.6	0.029	0.4	234
66092 (3418340)	<1	8.53	<5	25	579	<5	0.7	3.77	0.3	78.4	43.8	0.035	0.3	319
66093 (3418341)	<1	9.36	<5	23	1370	<5	0.5	3.10	<0.2	73.2	31.1	0.038	2.7	147
66094 (3418342)	<1	8.81	<5	21	1000	<5	0.6	2.23	<0.2	64.9	33.0	0.029	3.8	108
66095 (3418343)	<1	8.76	<5	<20	888	<5	0.6	2.45	<0.2	65.6	35.6	0.036	3.8	122
66096 (3418344)	<1	9.26	<5	<20	514	<5	0.5	2.73	<0.2	67.1	31.9	0.038	4.6	101
66097 (3418345)	<1	9.74	<5	26	615	<5	0.6	1.57	<0.2	68.5	33.1	0.029	5.5	121
66098 (3418346)	<1	9.45	<5	<20	429	<5	0.2	1.81	<0.2	75.0	28.3	0.033	6.7	72
66099 (3418347)	<1	9.25	<5	21	484	<5	0.6	2.06	<0.2	63.4	30.5	0.031	3.6	62
66100 (3418348)	<1	9.07	<5	29	640	<5	0.6	1.29	<0.2	73.1	34.0	0.028	4.4	58

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852758

PROJECT: 2021 Surimeau DDH Batch 77

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
66051 (3418299)	1.42	0.89	0.26	7.60	7.16	1.15	2	<1	0.29	<0.2	<0.05	0.6	<10	0.12
66052 (3418300)	0.26	0.18	<0.05	0.14	0.19	0.29	1	<1	0.05	<0.2	<0.05	1.2	<10	<0.05
66053 (3418301)	1.46	0.89	0.20	7.30	6.28	1.11	2	<1	0.28	<0.2	<0.05	0.7	<10	0.13
66054 (3418302)	1.01	0.68	0.14	7.11	6.54	0.85	2	<1	0.22	<0.2	<0.05	0.6	<10	0.10
66055 (3418303)	1.39	0.78	0.10	7.12	7.18	0.88	2	<1	0.25	<0.2	<0.05	0.5	<10	0.10
66056 (3418304)	1.28	0.84	0.17	6.94	7.30	0.94	2	<1	0.26	<0.2	<0.05	0.5	<10	0.11
66057 (3418305)	1.35	0.84	0.22	7.58	7.47	0.99	2	<1	0.27	<0.2	<0.05	0.5	<10	0.13
66058 (3418306)	2.10	1.39	0.82	8.51	10.2	1.80	1	<1	0.47	<0.2	1.29	1.5	47	0.20
66059 (3418307)	1.36	0.96	0.38	7.56	7.17	1.06	2	<1	0.29	<0.2	0.33	0.5	15	0.14
66060 (3418308)	0.92	0.62	0.14	6.81	7.35	0.75	2	<1	0.21	<0.2	<0.05	0.3	<10	0.08
66061 (3418309)	1.22	0.72	0.15	7.51	10.7	0.90	2	<1	0.25	<0.2	0.28	0.3	<10	0.10
66062 (3418310)	1.07	0.67	0.15	7.46	10.9	0.82	3	<1	0.23	<0.2	0.32	0.3	<10	0.10
66063 (3418311)	1.71	1.02	0.46	6.96	9.95	1.39	3	<1	0.36	<0.2	1.46	0.8	60	0.14
66064 (3418312)	1.28	0.76	0.26	6.86	8.96	0.97	3	<1	0.27	<0.2	0.10	0.4	<10	0.11
66065 (3418313)	1.29	0.81	0.25	6.76	8.14	0.90	3	<1	0.26	<0.2	0.12	0.4	<10	0.10
66066 (3418314)	1.25	0.92	0.20	7.30	7.85	1.04	2	<1	0.28	<0.2	<0.05	0.4	<10	0.13
66067 (3418315)	1.40	0.93	0.19	7.93	9.06	0.96	2	<1	0.32	<0.2	<0.05	0.4	<10	0.12
66068 (3418316)	1.48	1.00	0.21	7.92	8.35	1.10	2	<1	0.33	<0.2	<0.05	0.5	<10	0.13
66069 (3418317)	2.52	1.71	1.33	8.10	7.86	2.13	<1	<1	0.54	<0.2	2.27	2.0	91	0.25
66070 (3418318)	2.02	1.26	0.76	7.62	10.5	2.16	2	1	0.42	<0.2	0.87	8.5	32	0.15
66071 (3418319)	1.59	1.09	1.01	7.29	7.64	1.40	2	<1	0.35	<0.2	0.82	3.3	28	0.13
66072 (3418320)	0.25	0.20	0.06	0.13	0.21	0.27	2	<1	0.05	<0.2	<0.05	1.3	<10	<0.05
66073 (3418321)	1.88	1.14	0.39	8.54	10.3	1.25	2	<1	0.37	<0.2	0.12	0.5	<10	0.14
66074 (3418322)	1.35	0.92	0.28	6.99	6.74	1.12	2	<1	0.30	<0.2	<0.05	1.1	<10	0.13
66075 (3418323)	1.16	0.80	0.16	6.60	6.80	0.92	3	<1	0.26	<0.2	<0.05	0.4	<10	0.12
66076 (3418324)	1.41	0.91	0.11	7.72	9.76	1.12	2	<1	0.27	<0.2	<0.05	0.5	<10	0.12
66077 (3418325)	1.41	0.95	0.22	7.23	6.18	1.17	3	<1	0.28	<0.2	<0.05	0.9	<10	0.12
66078 (3418326)	1.14	0.77	0.33	7.09	7.28	1.02	3	<1	0.25	<0.2	0.09	0.7	<10	0.10
66079 (3418327)	2.49	1.65	1.21	8.16	10.4	2.03	3	<1	0.55	<0.2	0.87	2.0	32	0.25
66080 (3418328)	3.62	2.17	1.56	9.08	16.7	3.79	3	2	0.70	<0.2	0.27	10.5	27	0.32
66081 (3418329)	5.18	3.02	3.10	10.9	24.8	5.87	2	4	0.99	9.4	0.10	32.9	<10	0.45
66082 (3418330)	3.85	1.89	2.49	6.00	24.6	6.55	2	4	0.68	0.5	0.38	44.7	18	0.22

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852758

PROJECT: 2021 Surimeau DDH Batch 77

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
66083 (3418331)	4.59	2.52	2.68	9.99	21.9	5.89	2	4	0.86	7.5	0.43	35.1	25	0.34
66084 (3418332)	2.21	1.29	0.89	6.56	17.6	3.13	2	2	0.46	<0.2	2.54	14.4	89	0.19
66085 (3418333)	4.08	2.35	1.85	7.49	19.8	5.57	2	3	0.80	0.2	1.13	32.1	46	0.36
66086 (3418334)	3.82	2.09	1.89	7.76	18.6	5.46	3	3	0.74	0.2	1.08	31.3	43	0.31
66087 (3418335)	4.06	2.47	1.72	7.50	24.3	5.30	3	3	0.79	0.6	1.57	29.3	48	0.32
66088 (3418336)	5.08	2.80	2.50	9.33	24.7	6.43	3	4	0.98	3.4	0.95	38.0	35	0.41
66089 (3418337)	3.69	2.08	2.24	8.21	21.9	4.35	2	4	0.73	2.3	0.18	27.9	<10	0.36
66090 (3418338)	3.88	2.19	2.19	8.58	22.0	4.62	2	4	0.75	2.1	0.18	34.6	<10	0.34
66091 (3418339)	3.38	1.82	1.69	4.59	23.0	4.66	2	3	0.63	<0.2	0.53	34.2	<10	0.26
66092 (3418340)	3.31	1.81	1.59	6.77	24.6	4.70	2	3	0.65	<0.2	0.56	41.9	<10	0.24
66093 (3418341)	3.61	2.01	1.46	5.70	25.9	4.77	1	3	0.65	<0.2	1.82	35.7	33	0.27
66094 (3418342)	3.37	1.95	1.21	5.93	26.1	4.49	2	3	0.62	<0.2	3.87	31.7	45	0.25
66095 (3418343)	3.42	1.96	1.26	6.15	25.6	4.77	2	3	0.66	<0.2	3.56	32.3	44	0.26
66096 (3418344)	3.85	1.93	1.56	5.37	27.0	5.01	2	3	0.69	<0.2	2.06	32.8	45	0.25
66097 (3418345)	3.42	1.85	1.31	5.72	27.9	4.68	2	4	0.65	<0.2	2.59	34.1	49	0.26
66098 (3418346)	3.68	1.92	1.62	5.39	25.5	4.75	2	4	0.68	<0.2	2.55	36.9	55	0.27
66099 (3418347)	3.28	2.01	1.37	5.11	27.5	4.57	2	3	0.67	<0.2	2.12	31.6	41	0.26
66100 (3418348)	3.91	2.16	1.45	5.42	30.8	4.89	2	3	0.74	<0.2	3.37	36.4	51	0.30

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852758

PROJECT: 2021 Surimeau DDH Batch 77

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
66051 (3418299)	14.6	1270	<2	<1	1.7	1160	0.01	<5	0.28	0.4	0.40	<0.1	25	20.0
66052 (3418300)	1.71	106	<2	<1	1.0	<5	0.01	<5	0.23	0.2	0.42	0.3	<5	5.74
66053 (3418301)	14.6	1300	<2	<1	1.7	1250	0.01	<5	0.31	1.1	0.31	0.1	22	20.5
66054 (3418302)	16.5	1190	<2	<1	1.3	1490	<0.01	<5	0.25	0.6	0.11	0.4	21	21.0
66055 (3418303)	15.8	1220	<2	<1	1.5	1370	<0.01	<5	0.23	0.8	0.12	0.4	21	21.8
66056 (3418304)	14.8	1120	<2	<1	1.6	1330	<0.01	<5	0.26	1.2	0.31	0.4	22	22.0
66057 (3418305)	14.2	1270	<2	<1	1.6	1310	0.01	<5	0.26	1.3	0.43	0.6	25	20.8
66058 (3418306)	8.44	2520	<2	<1	2.8	1270	0.02	13	0.51	60.7	0.22	0.3	34	16.1
66059 (3418307)	13.2	1530	<2	<1	1.7	1010	0.01	<5	0.29	18.2	0.29	0.3	24	20.8
66060 (3418308)	14.7	1290	<2	<1	1.2	1370	<0.01	<5	0.16	1.0	0.24	0.5	19	23.4
66061 (3418309)	14.9	1130	<2	<1	1.4	1170	<0.01	<5	0.24	14.2	0.39	0.4	25	22.2
66062 (3418310)	14.4	1120	<2	<1	1.1	1110	<0.01	<5	0.20	16.9	0.37	0.4	24	21.9
66063 (3418311)	12.5	1300	<2	1	2.9	849	<0.01	<5	0.50	82.1	0.09	0.6	19	24.0
66064 (3418312)	14.6	1160	<2	<1	1.5	1280	<0.01	<5	0.26	5.3	0.34	0.5	22	23.4
66065 (3418313)	14.3	1140	<2	<1	1.5	1230	<0.01	<5	0.27	5.6	0.33	0.3	21	23.3
66066 (3418314)	14.4	1140	<2	<1	1.5	1310	0.01	<5	0.25	1.4	0.35	0.5	23	22.6
66067 (3418315)	14.5	1220	<2	<1	1.4	911	0.01	<5	0.22	0.7	0.24	0.4	26	20.6
66068 (3418316)	13.4	1470	<2	<1	1.6	992	0.01	<5	0.26	1.9	0.32	<0.1	25	20.3
66069 (3418317)	6.05	3460	<2	<1	3.8	2050	0.01	24	0.65	110	0.41	<0.1	36	9.84
66070 (3418318)	6.84	2740	<2	1	9.6	1070	0.04	15	2.18	44.5	0.27	0.3	28	16.6
66071 (3418319)	7.79	2960	<2	<1	3.9	1100	0.01	15	0.80	44.2	0.41	0.2	23	14.3
66072 (3418320)	2.14	121	<2	<1	1.0	<5	<0.01	<5	0.23	0.4	0.41	0.1	<5	5.19
66073 (3418321)	12.0	1640	<2	<1	1.8	641	0.01	<5	0.28	6.4	0.10	0.2	30	19.1
66074 (3418322)	13.0	1520	<2	<1	2.1	1090	0.03	<5	0.36	0.7	0.35	<0.1	21	20.9
66075 (3418323)	13.2	1080	<2	<1	1.2	1300	<0.01	<5	0.24	0.4	0.42	0.4	19	22.2
66076 (3418324)	14.7	987	<2	<1	1.7	1120	0.01	<5	0.27	0.4	0.45	0.3	26	20.6
66077 (3418325)	13.3	1420	<2	<1	1.8	1270	0.01	<5	0.37	0.5	0.63	0.1	24	20.8
66078 (3418326)	12.4	1700	<2	<1	1.5	1070	<0.01	<5	0.28	4.2	0.59	0.5	21	22.4
66079 (3418327)	7.49	2800	<2	<1	3.6	1820	0.02	13	0.68	38.1	0.54	0.4	37	21.2
66080 (3418328)	6.75	2400	24	2	14.9	1400	0.08	24	3.39	11.0	1.37	0.4	39	22.1
66081 (3418329)	0.67	306	488	6	33.5	568	0.03	436	8.48	2.6	6.66	<0.1	15	23.8
66082 (3418330)	3.42	888	8	6	47.6	92	0.15	39	11.7	16.9	1.65	0.4	19	25.3

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852758

PROJECT: 2021 Surimeau DDH Batch 77

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
66083 (3418331)	2.88	611	13	5	32.9	490	0.06	16	8.46	21.2	5.11	0.2	20	25.9
66084 (3418332)	9.70	1400	2	2	15.7	560	0.09	22	3.84	135	0.27	<0.1	24	23.5
66085 (3418333)	4.58	1430	4	6	32.2	30	0.18	22	8.00	60.1	1.53	<0.1	35	23.9
66086 (3418334)	5.25	1500	10	5	34.2	72	0.16	16	8.31	54.2	1.46	<0.1	33	24.4
66087 (3418335)	4.59	1400	5	5	31.4	175	0.13	35	7.51	93.6	2.29	0.3	28	23.6
66088 (3418336)	3.23	908	25	6	39.3	265	0.12	38	9.67	51.2	4.30	0.2	26	23.1
66089 (3418337)	1.57	762	120	6	26.4	357	0.06	28	6.82	3.0	4.12	0.4	19	27.3
66090 (3418338)	1.26	777	89	7	30.6	295	0.04	23	8.29	3.0	4.31	0.4	18	25.3
66091 (3418339)	1.09	560	18	7	31.6	98	0.07	26	8.20	20.8	2.10	0.3	23	28.6
66092 (3418340)	1.04	564	20	7	34.0	132	0.06	26	9.12	23.1	3.35	0.6	21	26.1
66093 (3418341)	1.52	605	14	7	33.4	88	0.07	29	8.76	82.2	2.17	0.3	23	28.4
66094 (3418342)	2.36	716	4	6	30.0	74	0.07	24	7.75	140	2.62	0.3	26	26.3
66095 (3418343)	2.51	754	5	6	30.6	87	0.08	23	7.93	137	2.68	0.3	27	26.1
66096 (3418344)	2.56	737	10	7	33.2	81	0.09	19	8.37	118	2.33	0.2	25	27.5
66097 (3418345)	2.33	650	27	7	30.7	92	0.06	25	8.09	124	2.38	0.4	25	27.3
66098 (3418346)	2.25	681	7	8	34.1	76	0.07	18	8.86	109	0.77	0.5	22	27.5
66099 (3418347)	2.03	609	3	7	28.9	80	0.05	20	7.52	95.7	1.88	0.2	22	26.8
66100 (3418348)	2.39	712	<2	7	34.3	73	0.06	18	8.61	180	2.33	0.3	25	27.2

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852758

PROJECT: 2021 Surimeau DDH Batch 77

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
66051 (3418299)	0.8	<1	125	<0.5	0.21	<0.1	0.20	<0.5	0.13	<0.05	137	<1	7.9	0.8
66052 (3418300)	0.2	<1	74.5	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.17	<5	<1	2.4	0.2
66053 (3418301)	0.6	<1	122	<0.5	0.18	<0.1	0.17	<0.5	0.13	<0.05	120	<1	8.0	0.9
66054 (3418302)	0.5	<1	75.6	<0.5	0.14	<0.1	0.16	<0.5	0.09	<0.05	117	<1	5.9	0.7
66055 (3418303)	0.6	<1	68.2	<0.5	0.17	<0.1	0.16	<0.5	0.12	<0.05	112	<1	6.9	0.8
66056 (3418304)	0.6	<1	68.6	<0.5	0.17	<0.1	0.17	<0.5	0.11	<0.05	118	<1	6.9	0.8
66057 (3418305)	0.6	<1	87.9	<0.5	0.18	<0.1	0.20	<0.5	0.13	<0.05	142	<1	7.8	0.8
66058 (3418306)	1.2	1	457	<0.5	0.30	<0.1	0.29	0.7	0.19	<0.05	195	<1	12.1	1.3
66059 (3418307)	0.7	<1	132	<0.5	0.19	<0.1	0.19	<0.5	0.13	<0.05	137	<1	8.0	0.9
66060 (3418308)	0.4	<1	25.5	<0.5	0.15	<0.1	0.15	<0.5	0.09	<0.05	98	<1	5.3	0.6
66061 (3418309)	0.5	<1	24.5	<0.5	0.18	<0.1	0.20	<0.5	0.11	0.07	136	<1	6.4	0.7
66062 (3418310)	0.6	<1	24.7	<0.5	0.16	<0.1	0.21	<0.5	0.09	0.07	137	<1	6.3	0.7
66063 (3418311)	1.1	1	90.0	<0.5	0.25	0.1	0.16	0.9	0.15	2.49	146	<1	10.0	0.9
66064 (3418312)	0.7	<1	34.1	<0.5	0.18	<0.1	0.16	<0.5	0.12	0.08	119	<1	7.3	0.8
66065 (3418313)	0.7	<1	32.2	<0.5	0.17	<0.1	0.16	<0.5	0.12	0.07	114	<1	6.9	0.8
66066 (3418314)	0.6	<1	28.9	<0.5	0.18	<0.1	0.19	<0.5	0.12	<0.05	115	<1	6.5	0.8
66067 (3418315)	0.7	<1	52.5	<0.5	0.18	<0.1	0.21	<0.5	0.12	<0.05	153	<1	8.0	0.9
66068 (3418316)	0.6	<1	79.9	<0.5	0.21	<0.1	0.21	<0.5	0.13	<0.05	144	<1	8.8	0.9
66069 (3418317)	1.4	<1	629	<0.5	0.36	<0.1	0.28	1.2	0.23	<0.05	201	<1	16.3	1.6
66070 (3418318)	2.1	1	414	<0.5	0.34	1.2	0.27	0.6	0.18	0.36	168	<1	12.0	1.2
66071 (3418319)	1.2	<1	598	<0.5	0.25	0.3	0.20	0.6	0.16	0.07	139	<1	10.2	1.0
66072 (3418320)	0.3	<1	71.6	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.19	<5	<1	2.4	0.2
66073 (3418321)	0.8	<1	80.0	<0.5	0.24	<0.1	0.27	<0.5	0.15	<0.05	175	<1	9.6	1.0
66074 (3418322)	0.9	<1	133	<0.5	0.20	<0.1	0.17	<0.5	0.12	<0.05	123	<1	8.2	0.9
66075 (3418323)	0.6	<1	23.0	<0.5	0.17	<0.1	0.16	<0.5	0.13	<0.05	101	<1	7.0	0.7
66076 (3418324)	0.6	<1	21.2	<0.5	0.21	<0.1	0.23	<0.5	0.12	<0.05	158	<1	7.8	0.8
66077 (3418325)	0.7	<1	66.6	<0.5	0.21	<0.1	0.18	<0.5	0.12	<0.05	126	<1	7.7	0.9
66078 (3418326)	0.6	2	39.7	<0.5	0.19	<0.1	0.17	<0.5	0.11	<0.05	118	<1	6.9	0.8
66079 (3418327)	1.4	8	259	<0.5	0.39	<0.1	0.31	<0.5	0.23	<0.05	226	<1	15.6	1.6
66080 (3418328)	3.5	19	437	<0.5	0.55	2.8	0.44	<0.5	0.32	0.72	270	<1	20.1	2.2
66081 (3418329)	6.6	17	626	0.5	0.85	6.2	0.28	<0.5	0.42	4.23	47	<1	26.2	3.1
66082 (3418330)	8.4	8	1070	<0.5	0.80	5.6	0.54	<0.5	0.24	1.66	153	<1	18.3	1.6

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852758

PROJECT: 2021 Surimeau DDH Batch 77

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
66083 (3418331)	6.4	14	372	<0.5	0.83	6.0	0.37	<0.5	0.35	1.93	109	<1	23.2	2.5
66084 (3418332)	3.4	8	218	<0.5	0.43	3.7	0.30	2.4	0.19	0.96	162	<1	11.7	1.1
66085 (3418333)	6.7	5	741	<0.5	0.71	5.0	0.50	1.0	0.34	1.55	244	<1	21.1	2.2
66086 (3418334)	6.7	4	676	<0.5	0.70	5.5	0.51	1.0	0.28	1.92	232	<1	21.4	2.0
66087 (3418335)	6.0	7	724	<0.5	0.71	4.9	0.43	2.2	0.32	1.50	209	<1	21.5	2.2
66088 (3418336)	7.1	9	489	<0.5	0.90	7.3	0.44	1.1	0.41	2.22	161	<1	27.9	2.9
66089 (3418337)	5.3	6	898	<0.5	0.64	7.0	0.26	<0.5	0.31	2.37	71	<1	19.0	2.1
66090 (3418338)	5.5	5	922	<0.5	0.69	8.8	0.25	<0.5	0.32	2.69	79	<1	20.0	2.2
66091 (3418339)	5.6	3	421	<0.5	0.62	7.8	0.42	<0.5	0.25	2.38	143	<1	18.2	1.8
66092 (3418340)	5.8	3	400	<0.5	0.63	7.7	0.39	<0.5	0.27	2.33	136	<1	18.0	1.8
66093 (3418341)	5.9	2	299	<0.5	0.63	8.3	0.44	1.8	0.25	2.37	164	<1	19.9	1.8
66094 (3418342)	5.2	2	244	<0.5	0.59	7.1	0.44	2.7	0.27	1.97	177	<1	16.8	1.8
66095 (3418343)	5.6	2	253	<0.5	0.59	7.3	0.44	2.5	0.26	2.04	178	<1	18.5	1.8
66096 (3418344)	6.4	1	325	<0.5	0.70	7.7	0.46	2.2	0.29	2.20	175	<1	20.8	1.9
66097 (3418345)	5.3	2	292	<0.5	0.61	8.1	0.44	2.6	0.24	2.55	173	<1	17.9	1.8
66098 (3418346)	5.9	2	246	0.5	0.65	7.7	0.43	1.9	0.29	2.30	150	<1	19.1	1.9
66099 (3418347)	5.1	2	251	<0.5	0.60	7.7	0.42	1.6	0.27	2.24	154	<1	19.1	1.9
66100 (3418348)	5.8	2	269	0.5	0.67	8.4	0.44	2.0	0.27	2.47	171	1	21.2	2.1

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852758

PROJECT: 2021 Surimeau DDH Batch 77

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
66051 (3418299)	38	13.0
66052 (3418300)	<5	1.1
66053 (3418301)	37	13.4
66054 (3418302)	38	14.3
66055 (3418303)	38	13.4
66056 (3418304)	33	13.3
66057 (3418305)	41	18.0
66058 (3418306)	59	24.4
66059 (3418307)	47	16.1
66060 (3418308)	40	13.5
66061 (3418309)	56	14.4
66062 (3418310)	54	14.9
66063 (3418311)	101	11.5
66064 (3418312)	51	13.4
66065 (3418313)	53	13.0
66066 (3418314)	39	14.0
66067 (3418315)	41	16.8
66068 (3418316)	49	18.3
66069 (3418317)	69	22.2
66070 (3418318)	64	35.9
66071 (3418319)	52	20.1
66072 (3418320)	<5	1.7
66073 (3418321)	64	24.0
66074 (3418322)	37	14.3
66075 (3418323)	32	15.5
66076 (3418324)	34	25.0
66077 (3418325)	38	17.0
66078 (3418326)	44	15.2
66079 (3418327)	96	27.3
66080 (3418328)	311	63.8
66081 (3418329)	19600	143
66082 (3418330)	1280	151

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852758

PROJECT: 2021 Surimeau DDH Batch 77

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
66083 (3418331)	17900	139
66084 (3418332)	452	61.9
66085 (3418333)	569	105
66086 (3418334)	569	110
66087 (3418335)	1850	111
66088 (3418336)	10500	149
66089 (3418337)	7840	135
66090 (3418338)	7080	143
66091 (3418339)	88	132
66092 (3418340)	135	124
66093 (3418341)	84	130
66094 (3418342)	91	114
66095 (3418343)	98	118
66096 (3418344)	88	131
66097 (3418345)	106	127
66098 (3418346)	83	137
66099 (3418347)	90	125
66100 (3418348)	69	132

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852758

PROJECT: 2021 Surimeau DDH Batch 77

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Crush-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
66051 (3418299)	77.72
66070 (3418318)	85.14
66090 (3418338)	79.72

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852758

PROJECT: 2021 Surimeau DDH Batch 77

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Pul-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
66051 (3418299)	86.12
66070 (3418318)	87.60
66090 (3418338)	87.35

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	3418299	<1	<1	0.0%	3418313	<1	<1	0%	3418324	<1	<1	0%	3418339	<1	<1	0%
Al	3418299	3.43	3.25	5.5%	3418313	2.99	3.01	0.9%	3418324	4.21	3.89	7.8%	3418339	9.43	8.61	9.1%
As	3418299	<5	<5	0.0%	3418313	<5	<5	0%	3418324	<5	<5	0%	3418339	<5	<5	0%
B	3418299	30	25	19.3%	3418313	21	29	32%	3418324	29	26	10.7%	3418339	<20	22	0%
Ba	3418299	0.6	0.9	27.4%	3418313	19.5	20.8	6.4%	3418324	1.4	1.5	12.7%	3418339	650	608	6.6%
Be	3418299	<5	<5	0.0%	3418313	<5	<5	0%	3418324	<5	<5	0%	3418339	<5	<5	0%
Bi	3418299	0.4	0.4	6.1%	3418313	0.4	0.3	19.9%	3418324	0.3	0.3	5%	3418339	0.6	0.4	22.6%
Ca	3418299	6.17	6.21	0.7%	3418313	5.50	5.54	0.7%	3418324	4.47	4.43	0.8%	3418339	4.00	3.78	5.7%
Cd	3418299	<0.2	<0.2	0.0%	3418313	<0.2	<0.2	0%	3418324	<0.2	<0.2	0%	3418339	<0.2	<0.2	0%
Ce	3418299	1.7	2.0	17.6%	3418313	1.3	1.5	10.9%	3418324	1.5	1.3	15.1%	3418339	69.7	68.7	1.5%
Co	3418299	94.8	93.7	1.1%	3418313	86.4	91.7	6%	3418324	99.2	93.7	5.7%	3418339	31.6	32.1	1.6%
Cr	3418299	0.231	0.216	6.7%	3418313	0.206	0.207	0.5%	3418324	0.265	0.250	6%	3418339	0.029	0.026	11.8%
Cs	3418299	0.2	0.2	4.2%	3418313	1.3	1.5	15%	3418324	0.2	0.2	8.6%	3418339	0.4	0.4	5.1%
Cu	3418299	52	54	4.6%	3418313	59	62	4%	3418324	57	53	8.7%	3418339	234	218	6.8%
Dy	3418299	1.42	1.53	7.6%	3418313	1.29	1.27	1.3%	3418324	1.41	1.25	11.4%	3418339	3.38	3.52	4.3%
Er	3418299	0.89	0.96	7.7%	3418313	0.81	0.76	6.6%	3418324	0.91	0.90	0.7%	3418339	1.82	1.72	5.7%
Eu	3418299	0.26	0.27	5.5%	3418313	0.25	0.25	0%	3418324	0.11	0.12	6%	3418339	1.69	1.69	0.1%
Fe	3418299	7.60	7.32	3.7%	3418313	6.76	6.77	0.1%	3418324	7.72	7.61	1.5%	3418339	4.59	4.39	4.4%
Ga	3418299	7.16	7.03	1.9%	3418313	8.14	7.91	2.9%	3418324	9.76	9.69	0.7%	3418339	23.0	24.4	5.9%
Gd	3418299	1.15	1.16	0.5%	3418313	0.90	0.97	7.1%	3418324	1.12	1.01	10.8%	3418339	4.66	4.60	1.3%
Ge	3418299	2	2	7.3%	3418313	3	3	18.4%	3418324	2	3	4.1%	3418339	2	2	30.3%
Hf	3418299	<1	<1	0.0%	3418313	<1	<1	0%	3418324	<1	<1	0%	3418339	3	3	0%
Ho	3418299	0.29	0.33	13.3%	3418313	0.26	0.29	9.3%	3418324	0.27	0.28	2.8%	3418339	0.63	0.63	0.1%
In	3418299	<0.2	<0.2	0.0%	3418313	<0.2	<0.2	0%	3418324	<0.2	<0.2	0%	3418339	<0.2	<0.2	0%
K	3418299	<0.05	<0.05	0.0%	3418313	0.12	0.12	4.6%	3418324	<0.05	<0.05	0%	3418339	0.53	0.52	1.9%
La	3418299	0.6	0.7	17.7%	3418313	0.4	0.4	3.1%	3418324	0.5	0.4	13.7%	3418339	34.2	33.7	1.4%
Li	3418299	<10	<10	0.0%	3418313	<10	<10	0%	3418324	<10	<10	0%	3418339	<10	<10	0%
Lu	3418299	0.12	0.14	13.3%	3418313	0.10	0.11	9.7%	3418324	0.12	0.13	11%	3418339	0.26	0.26	1.3%
Mg	3418299	14.6	14.0	4.3%	3418313	14.3	14.7	2.4%	3418324	14.7	13.9	5.9%	3418339	1.09	1.02	7.4%
Mn	3418299	1270	1250	1.5%	3418313	1140	1150	0.5%	3418324	987	993	0.7%	3418339	560	550	1.7%
Mo	3418299	<2	<2	0.0%	3418313	<2	<2	0%	3418324	<2	<2	0%	3418339	18	19	3.7%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Nb	3418299	<1	<1	0.0%	3418313	<1	<1	0%	3418324	<1	<1	0%	3418339	7	7	1.3%
Nd	3418299	1.7	1.9	15.3%	3418313	1.5	1.8	18%	3418324	1.7	1.5	15.2%	3418339	31.6	31.2	1.3%
Ni	3418299	1160	1200	3.1%	3418313	1230	1240	0.3%	3418324	1120	978	13.1%	3418339	98	86	13.1%
P	3418299	0.01	0.01	0.3%	3418313	<0.01	<0.01	0%	3418324	0.01	<0.01	37.4%	3418339	0.07	0.06	10.4%
Pb	3418299	<5	<5	0.0%	3418313	<5	<5	0%	3418324	<5	<5	0%	3418339	26	26	0.4%
Pr	3418299	0.28	0.30	7.3%	3418313	0.27	0.28	3.1%	3418324	0.27	0.22	21.7%	3418339	8.20	8.20	0%
Rb	3418299	0.4	0.4	8.9%	3418313	5.6	6.9	20.1%	3418324	0.4	0.5	6.5%	3418339	20.8	20.0	3.7%
S	3418299	0.40	0.45	11.2%	3418313	0.33	0.34	3.2%	3418324	0.45	0.39	13.7%	3418339	2.10	2.01	4.5%
Sb	3418299	<0.1	<0.1	0.0%	3418313	0.3	0.5	40.2%	3418324	0.3	0.4	33.7%	3418339	0.3	0.4	33.8%
Sc	3418299	25	23	6.8%	3418313	21	21	2.8%	3418324	26	25	5.9%	3418339	23	21	7.1%
Si	3418299	20.0	18.7	6.8%	3418313	23.3	23.3	0%	3418324	20.6	20.3	1.6%	3418339	28.6	27.3	4.5%
Sm	3418299	0.8	0.9	17.3%	3418313	0.7	0.6	4%	3418324	0.6	0.6	14.2%	3418339	5.6	5.6	0.4%
Sn	3418299	<1	<1	0.0%	3418313	<1	<1	0%	3418324	<1	<1	0%	3418339	3	4	35.6%
Sr	3418299	125	145	15.0%	3418313	32.2	32.4	0.6%	3418324	21.2	21.3	0.7%	3418339	421	397	6%
Ta	3418299	<0.5	<0.5	0.0%	3418313	<0.5	<0.5	0%	3418324	<0.5	<0.5	0%	3418339	<0.5	<0.5	0%
Tb	3418299	0.21	0.22	6.2%	3418313	0.17	0.18	7.5%	3418324	0.21	0.17	20%	3418339	0.62	0.63	1.6%
Th	3418299	<0.1	<0.1	0.0%	3418313	<0.1	<0.1	0%	3418324	<0.1	<0.1	0%	3418339	7.8	7.8	0.9%
Ti	3418299	0.20	0.18	9.2%	3418313	0.16	0.16	1%	3418324	0.23	0.23	2.5%	3418339	0.42	0.40	5%
Tl	3418299	<0.5	<0.5	0.0%	3418313	<0.5	<0.5	0%	3418324	<0.5	<0.5	0%	3418339	<0.5	<0.5	0%
Tm	3418299	0.13	0.12	0.4%	3418313	0.12	0.11	3.4%	3418324	0.12	0.12	3%	3418339	0.25	0.26	4.6%
U	3418299	<0.05	<0.05	0.0%	3418313	0.07	0.07	10.9%	3418324	<0.05	<0.05	0%	3418339	2.38	2.37	0%
V	3418299	137	132	3.6%	3418313	114	119	4%	3418324	158	144	9.4%	3418339	143	130	9.6%
W	3418299	<1	<1	0.0%	3418313	<1	<1	0%	3418324	<1	<1	0%	3418339	<1	<1	0%
Y	3418299	7.9	8.3	4.5%	3418313	6.9	7.1	2.8%	3418324	7.8	7.9	1.2%	3418339	18.2	17.7	2.7%
Yb	3418299	0.8	0.9	8.9%	3418313	0.8	0.8	6.2%	3418324	0.8	0.8	2.7%	3418339	1.8	1.7	5.4%
Zn	3418299	38	37	3.3%	3418313	53	47	11.7%	3418324	34	34	1.2%	3418339	88	85	3.2%
Zr	3418299	13.0	16.0	20.3%	3418313	13.0	13.0	0%	3418324	25.0	20.6	19.4%	3418339	132	126	4.3%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 22O852758

PROJECT: 2021 Surimeau DDH Batch 77

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.OREAS-47)				CRM #2 (ref.OREAS-72B)				CRM #3 (ref.OREAS-74B)							
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Al	6.32	5.99	95%	80% - 120%	4.72	4.40	93%	80% - 120%	3.54	3.39	96%	80% - 120%				
Ba	473.0	479	101%	80% - 120%	335.0	330	98%	80% - 120%	210.0	221	105%	80% - 120%				
Ca	2.33	2.37	102%	80% - 120%	2.82	2.79	99%	80% - 120%	3.09	3.04	98%	80% - 120%				
Ce	56.0	57	102%	80% - 120%	43.5	44	102%	80% - 120%	30.9	36	115%	80% - 120%				
Co	56.0	57	101%	80% - 120%	138.0	143	104%	80% - 120%	499.0	535	107%	80% - 120%				
Cr	112.86	92.0	81%	80% - 120%	974.0	948	97%	80% - 120%	978.0	1000	103%	80% - 120%				
Cs	2.01	2	103%	80% - 120%	3.16	3	103%	80% - 120%	2.73	3	99%	80% - 120%				
Cu					219.0	209	95%	80% - 120%	1021.0	995	97%	80% - 120%				
Dy	2.11	2.4	112%	80% - 120%	2.74	2.9	105%	80% - 120%	1.96	2.1	105%	80% - 120%				
Er	1.16	1.2	107%	80% - 120%	1.69	1.6	97%	80% - 120%	1.18	1.2	99%	80% - 120%				
Eu	1.01	1.0	98%	80% - 120%	0.74	0.7	95%	80% - 120%	0.53	0.6	105%	80% - 120%				
Fe	2.78	2.91	105%	80% - 120%	6.97	6.89	99%	80% - 120%	12.6	12.4	98%	80% - 120%				
Ga	14.1	16	117%	80% - 120%	11.1	13	121%	80% - 120%	8.52	9	109%	80% - 120%				
Gd	2.83	3.2	114%	80% - 120%	2.75	3.1	114%	80% - 120%	1.9	2.2	116%	80% - 120%				
Ho	0.42	0.4	105%	80% - 120%	0.56	0.6	108%	80% - 120%	0.4	0.4	104%	80% - 120%				
K	1.18	1.16	99%	80% - 120%	1.13	1.05	93%	80% - 120%	0.72	0.673	93%	80% - 120%				
La	30.9	31.8	103%	80% - 120%	24.2	25.2	104%	80% - 120%	17.4	20.2	116%	80% - 120%				
Li									29.3	26.0	89%	80% - 120%				
Lu	0.16	0	109%	80% - 120%												
Mg	1.0	0.965	97%	80% - 120%	9.66	9.15	95%	80% - 120%	9.38	9.10	97%	80% - 120%				
Mn	496.0	531	107%	80% - 120%	1010.0	1010	100%	80% - 120%	930.0	965	104%	80% - 120%				
Mo	12.7	13	100%	80% - 120%												
Nb	17.9	19	104%	80% - 120%	5.48	6	105%	80% - 120%	3.56	4	112%	80% - 120%				
Nd	24.0	24.6	103%	80% - 120%	16.9	16.8	100%	80% - 120%	11.9	13.2	111%	80% - 120%				
Ni					7050.0	6710	95%	80% - 120%	34286.0	33400	97%	80% - 120%				
P	0.056	0.053	95%	80% - 120%	0.029	0.023	79%	80% - 120%								
Pb	284.0	294	104%	80% - 120%	14.1	15	109%	80% - 120%	24.1	26	106%	80% - 120%				
Pr	6.58	6.9	104%	80% - 120%	4.79	4.7	99%	80% - 120%	3.39	3.8	111%	80% - 120%				
Rb	37.6	40	106%	80% - 120%	47.2	51	108%	80% - 120%	31.3	32	103%	80% - 120%				
S					1.48	1.32	89%	80% - 120%	6.61	5.81	88%	80% - 120%				
Sc	9.27	9.27	100%	80% - 120%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Si	33.99	35.4	104%	80% - 120%	24.02	24.6	103%	80% - 120%	19.68	20.1	102%	80% - 120%				
Sm	4.01	4.0	99%	80% - 120%	2.99	3.1	102%	80% - 120%	2.23	2.4	105%	80% - 120%				
Sn	6.14	6	94%	80% - 120%												
Sr	402.0	390	97%	80% - 120%	61.0	57.2	94%	80% - 120%	54.0	51.9	96%	80% - 120%				
Ta	0.46	0	105%	80% - 120%												
Tb	0.39	0.4	106%	80% - 120%	0.46	0.5	102%	80% - 120%	0.31	0.3	112%	80% - 120%				
Th	3.84	4	100%	80% - 120%	10.3	11	103%	80% - 120%	7.6	8	103%	80% - 120%				
Ti	0.23	0.234	102%	80% - 120%	0.208	0.214	103%	80% - 120%	0.15	0.157	105%	80% - 120%				
Tl									0.6	1	111%	80% - 120%				
Tm	0.17	0.2	107%	80% - 120%	0.26	0.2	90%	80% - 120%	0.19	0.2	96%	80% - 120%				
U	0.79	1	101%	80% - 120%	4.76	5	99%	80% - 120%	2.4	3	106%	80% - 120%				
V	61.0	58.6	96%	80% - 120%	77.0	72.3	94%	80% - 120%	62.0	63.1	102%	80% - 120%				
Y	11.6	11.7	101%	80% - 120%	15.3	16.3	106%	80% - 120%	11.3	11.5	101%	80% - 120%				
Yb	1.08	1.1	105%	80% - 120%	1.64	1.7	105%	80% - 120%	1.23	1.3	102%	80% - 120%				
Zn	217.0	211	97%	80% - 120%	90.0	81.3	90%	80% - 120%	133.0	127	96%	80% - 120%				
Zr	161.0	157	98%	80% - 120%	86.0	94.8	110%	80% - 120%	63.0	69.8	111%	80% - 120%				

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O852758

PROJECT: 2021 Surimeau DDH Batch 77

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O852758

PROJECT: 2021 Surimeau DDH Batch 77

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O852758

PROJECT: 2021 Surimeau DDH Batch 77

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Crush-Pass %			BALANCE
Pul-Pass %			BALANCE

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 78

AGAT WORK ORDER: 22O852760

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Mar 10, 2022

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

Disclaimer:

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project Manager if you require additional sample storage time.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
- The test results reported herewith relate only to the samples as received by the laboratory.
- Measurement Uncertainty is not taken into consideration when stating conformity with a specified requirement.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852760

PROJECT: 2021 Surimeau DDH Batch 78

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
66101 (3418365)	2.380
66102 (3418366)	1.460
66103 (3418367)	3.200
66104 (3418368)	3.000
66105 (3418369)	0.060
66106 (3418370)	3.050
66107 (3418371)	3.130
66108 (3418372)	2.900
66109 (3418373)	2.070
66110 (3418374)	2.560
66111 (3418375)	2.680
66112 (3418376)	<0.005
66113 (3418377)	3.170
66114 (3418378)	2.960
66115 (3418379)	1.980
66116 (3418380)	2.360
66117 (3418381)	1.760
66118 (3418382)	2.370
66119 (3418383)	3.180
66120 (3418384)	2.300
66121 (3418385)	2.080
66122 (3418386)	1.400
66123 (3418387)	3.160
66124 (3418388)	2.680
66125 (3418389)	2.230
66126 (3418390)	2.620
66127 (3418391)	3.280
66128 (3418392)	2.170
66129 (3418393)	3.260
66130 (3418394)	2.090
66131 (3418395)	3.350

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852760

PROJECT: 2021 Surimeau DDH Batch 78

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
66132 (3418396)	3.260
66133 (3418397)	3.140
66134 (3418398)	3.210
66135 (3418399)	3.210
66136 (3418400)	3.270
66137 (3418401)	3.310
66138 (3418402)	2.780
66139 (3418403)	0.640
66140 (3418404)	3.050
66141 (3418405)	3.160
66142 (3418406)	1.370
66143 (3418407)	3.730
66144 (3418408)	3.330
66145 (3418409)	<0.005
66146 (3418410)	2.810
66147 (3418411)	1.450
66148 (3418412)	2.320
66149 (3418413)	2.010
66150 (3418414)	0.690

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852760

PROJECT: 2021 Surimeau DDH Batch 78

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
66101 (3418365)	<1	3.16	<5	<20	4.4	<5	0.4	6.89	<0.2	1.6	86.3	0.217	0.4	55
66102 (3418366)	<1	0.08	<5	<20	25.3	<5	<0.1	34.5	<0.2	0.9	0.7	0.012	<0.1	<5
66103 (3418367)	<1	3.58	<5	22	2.5	<5	0.3	5.94	<0.2	1.6	82.5	0.237	0.4	60
66104 (3418368)	<1	3.63	<5	25	8.3	<5	0.4	4.93	<0.2	4.6	83.3	0.212	0.6	62
66105 (3418369)	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS
66106 (3418370)	<1	4.03	<5	30	2.4	<5	0.5	3.76	<0.2	1.7	90.9	0.266	0.6	64
66107 (3418371)	<1	3.47	<5	20	2.7	<5	0.5	3.92	<0.2	1.7	86.5	0.240	0.5	36
66108 (3418372)	<1	3.74	<5	24	2.0	<5	0.4	3.94	<0.2	1.6	91.1	0.269	0.5	73
66109 (3418373)	<1	3.35	<5	21	1.6	<5	0.4	5.82	<0.2	2.1	82.0	0.232	0.3	87
66110 (3418374)	<1	2.55	<5	<20	39.5	<5	0.4	6.23	<0.2	1.5	74.8	0.196	1.9	44
66111 (3418375)	<1	3.29	<5	<20	595	<5	0.4	5.54	<0.2	1.3	73.3	0.206	23.9	26
66112 (3418376)	<1	3.25	<5	<20	576	<5	0.4	5.87	0.2	1.4	75.8	0.207	23.8	24
66113 (3418377)	<1	5.47	<5	24	431	<5	1.1	7.35	0.2	2.7	132	0.409	10.3	35
66114 (3418378)	<1	5.32	<5	<20	140	<5	0.4	12.8	<0.2	3.0	113	0.372	0.1	85
66115 (3418379)	<1	5.32	<5	<20	145	<5	0.4	14.3	<0.2	3.2	112	0.376	<0.1	94
66116 (3418380)	<1	5.96	<5	20	87.8	<5	0.2	10.8	<0.2	3.8	114	0.368	0.1	109
66117 (3418381)	<1	6.33	<5	<20	188	<5	0.8	12.5	<0.2	3.7	137	0.404	3.5	88
66118 (3418382)	<1	3.29	<5	<20	7.3	<5	0.5	7.99	<0.2	1.5	91.9	0.248	0.4	68
66119 (3418383)	<1	2.53	<5	<20	1.0	<5	0.5	8.83	<0.2	1.7	78.4	0.187	0.2	56
66120 (3418384)	<1	3.06	<5	<20	1.5	<5	0.4	9.09	<0.2	1.6	80.6	0.228	0.2	72
66121 (3418385)	<1	2.65	<5	<20	6.5	<5	0.3	18.2	<0.2	1.7	64.8	0.183	0.3	12
66122 (3418386)	<1	0.18	<5	<20	18.9	<5	<0.1	36.3	<0.2	1.0	0.7	0.009	<0.1	<5
66123 (3418387)	<1	3.02	<5	<20	2.8	<5	0.3	13.6	<0.2	1.8	74.1	0.215	0.2	25
66124 (3418388)	<1	3.37	<5	<20	0.5	<5	0.4	7.88	<0.2	1.2	87.3	0.256	0.2	46
66125 (3418389)	<1	2.62	<5	<20	1.1	<5	0.5	7.84	<0.2	1.1	80.1	0.217	0.2	37
66126 (3418390)	<1	5.92	<5	30	62.3	<5	0.8	10.1	<0.2	3.1	108	0.362	0.2	23
66127 (3418391)	<1	5.84	<5	28	82.7	<5	0.8	8.73	<0.2	3.0	134	0.409	0.8	118
66128 (3418392)	<1	2.94	<5	<20	178	<5	0.5	7.30	<0.2	1.1	84.9	0.230	11.9	13
66129 (3418393)	<1	6.08	<5	27	122	<5	1.0	8.20	<0.2	3.1	141	0.441	1.7	43
66130 (3418394)	<1	6.27	<5	28	45.4	<5	0.7	7.96	<0.2	3.0	121	0.398	<0.1	39
66131 (3418395)	<1	6.13	<5	26	32.2	<5	0.5	8.64	<0.2	3.3	131	0.396	<0.1	75
66132 (3418396)	<1	6.41	<5	20	50.9	<5	0.4	7.78	<0.2	3.2	128	0.390	<0.1	57

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852760

PROJECT: 2021 Surimeau DDH Batch 78

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
66133 (3418397)	<1	6.05	<5	36	96.7	<5	0.7	11.1	0.2	4.2	149	0.490	0.2	222
66134 (3418398)	<1	6.51	<5	27	76.0	<5	0.8	8.25	<0.2	3.9	137	0.437	<0.1	124
66135 (3418399)	<1	6.32	<5	25	62.6	<5	0.7	7.37	<0.2	3.9	138	0.439	<0.1	142
66136 (3418400)	<1	6.64	<5	29	146	<5	0.9	7.34	<0.2	3.1	145	0.481	0.3	98
66137 (3418401)	<1	6.23	<5	23	71.2	<5	0.6	7.89	<0.2	4.1	130	0.432	<0.1	138
66138 (3418402)	<1	6.32	<5	29	253	<5	0.5	7.37	<0.2	11.3	122	0.391	1.1	148
66139 (3418403)	<1	8.40	<5	<20	809	<5	<0.1	6.15	<0.2	80.1	31.2	0.037	2.2	6
66140 (3418404)	<1	5.86	<5	27	132	<5	0.4	8.65	<0.2	4.9	153	0.439	0.4	128
66141 (3418405)	<1	6.58	<5	28	109	<5	0.4	7.75	<0.2	5.0	169	0.442	<0.1	199
66142 (3418406)	<1	6.41	<5	35	106	<5	0.4	7.75	<0.2	4.9	171	0.446	<0.1	208
66143 (3418407)	<1	6.82	<5	29	127	<5	0.4	7.35	<0.2	4.5	124	0.449	<0.1	237
66144 (3418408)	<1	6.21	<5	42	123	<5	0.5	6.38	<0.2	3.8	155	0.437	0.2	200
66145 (3418409)	<1	6.08	<5	41	121	<5	0.5	6.40	0.2	4.0	159	0.442	0.2	208
66146 (3418410)	<1	6.60	<5	45	138	<5	0.8	7.62	0.2	4.7	206	0.439	0.2	353
66147 (3418411)	<1	5.28	<5	42	140	<5	1.4	11.3	4.7	11.9	187	0.211	0.3	840
66148 (3418412)	<1	6.39	<5	36	141	<5	0.7	6.58	0.2	3.8	168	0.459	0.2	132
66149 (3418413)	<1	5.89	<5	50	168	<5	1.0	8.36	0.5	4.2	169	0.425	0.2	744
66150 (3418414)	2	5.08	<5	67	133	<5	1.4	10.3	1.1	21.1	244	0.076	0.2	1640

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852760

PROJECT: 2021 Surimeau DDH Batch 78

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
66101 (3418365)	1.19	0.71	0.25	7.33	6.49	0.76	2	<1	0.24	<0.2	<0.05	0.6	<10	0.11
66102 (3418366)	0.19	0.14	0.06	0.20	0.08	0.20	2	<1	<0.05	<0.2	<0.05	1.1	<10	<0.05
66103 (3418367)	1.15	0.76	0.27	7.64	7.43	0.90	2	<1	0.25	<0.2	<0.05	0.6	<10	0.11
66104 (3418368)	1.50	1.05	0.28	8.00	7.53	1.32	2	<1	0.35	<0.2	<0.05	1.8	<10	0.16
66105 (3418369)	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS
66106 (3418370)	1.25	0.80	0.18	8.56	7.85	0.99	2	<1	0.28	<0.2	<0.05	0.6	<10	0.13
66107 (3418371)	1.46	0.90	0.15	8.23	7.23	1.24	2	<1	0.31	<0.2	<0.05	0.6	<10	0.12
66108 (3418372)	1.34	0.74	0.16	8.43	8.02	1.13	2	<1	0.30	<0.2	<0.05	0.5	<10	0.13
66109 (3418373)	1.44	0.87	0.26	7.77	7.74	1.26	2	<1	0.31	<0.2	<0.05	0.6	<10	0.11
66110 (3418374)	1.55	1.01	0.33	6.65	6.26	1.25	3	<1	0.30	<0.2	0.16	0.4	<10	0.13
66111 (3418375)	1.22	0.61	0.22	6.85	7.83	0.93	2	<1	0.25	<0.2	2.81	0.3	68	0.10
66112 (3418376)	1.16	0.81	0.27	6.98	8.46	0.94	3	<1	0.28	<0.2	2.73	0.4	64	0.09
66113 (3418377)	2.02	1.17	0.53	8.83	10.3	1.67	2	<1	0.42	<0.2	1.32	0.8	48	0.19
66114 (3418378)	2.15	1.44	0.43	7.28	10.0	1.60	2	<1	0.48	<0.2	<0.05	1.3	14	0.23
66115 (3418379)	2.04	1.48	0.47	7.51	9.71	1.58	1	<1	0.48	<0.2	<0.05	1.5	13	0.24
66116 (3418380)	2.51	1.82	0.53	8.25	11.9	1.91	1	<1	0.55	<0.2	0.07	1.7	<10	0.26
66117 (3418381)	2.48	1.80	0.66	8.63	11.1	2.05	1	<1	0.56	<0.2	0.53	1.7	30	0.26
66118 (3418382)	0.94	0.63	0.17	7.49	6.70	0.82	2	<1	0.23	<0.2	<0.05	0.5	<10	0.12
66119 (3418383)	1.09	0.72	0.17	6.69	5.61	0.80	2	<1	0.24	<0.2	<0.05	0.6	<10	0.10
66120 (3418384)	0.99	0.77	0.21	7.57	5.90	0.90	1	<1	0.27	<0.2	<0.05	0.6	<10	0.11
66121 (3418385)	1.11	0.62	0.59	5.82	4.34	0.79	1	<1	0.20	<0.2	<0.05	0.7	<10	0.10
66122 (3418386)	0.27	0.18	<0.05	0.20	0.51	0.27	2	<1	0.06	<0.2	<0.05	1.2	<10	<0.05
66123 (3418387)	1.24	0.79	0.36	6.78	5.08	0.92	2	<1	0.24	<0.2	<0.05	0.7	<10	0.11
66124 (3418388)	1.24	0.74	0.25	7.82	6.72	0.96	2	<1	0.24	<0.2	<0.05	0.4	<10	0.12
66125 (3418389)	0.98	0.64	0.14	6.91	5.65	0.80	2	<1	0.23	<0.2	<0.05	0.3	<10	0.10
66126 (3418390)	2.08	1.30	0.59	9.00	10.8	1.77	2	<1	0.46	<0.2	0.21	1.3	15	0.21
66127 (3418391)	2.17	1.31	0.46	8.74	11.5	1.52	1	<1	0.48	<0.2	0.16	1.2	17	0.20
66128 (3418392)	1.01	0.70	0.14	6.86	7.02	0.76	3	<1	0.22	<0.2	1.31	0.3	59	0.09
66129 (3418393)	2.23	1.50	0.54	9.28	11.2	1.74	2	<1	0.48	<0.2	0.31	1.2	31	0.22
66130 (3418394)	2.18	1.44	0.37	8.79	11.5	1.70	2	<1	0.47	<0.2	0.13	1.2	12	0.20
66131 (3418395)	2.32	1.62	0.50	9.07	11.6	1.80	2	<1	0.51	<0.2	0.10	1.2	<10	0.26
66132 (3418396)	2.48	1.69	0.59	9.09	12.6	1.93	2	<1	0.50	<0.2	0.11	1.1	11	0.24

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852760

PROJECT: 2021 Surimeau DDH Batch 78

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
66133 (3418397)	3.04	1.97	0.54	12.1	15.6	1.95	2	<1	0.64	<0.2	0.18	1.8	11	0.31
66134 (3418398)	2.43	1.73	0.49	9.87	12.8	1.76	2	<1	0.53	<0.2	0.12	1.7	13	0.22
66135 (3418399)	2.33	1.60	0.54	9.46	11.3	1.82	2	<1	0.52	<0.2	0.09	1.6	17	0.23
66136 (3418400)	2.33	1.55	0.43	9.33	12.4	1.82	2	<1	0.54	<0.2	0.17	1.2	22	0.22
66137 (3418401)	2.36	1.70	0.64	9.83	14.5	1.82	2	<1	0.50	<0.2	0.14	1.8	17	0.22
66138 (3418402)	2.56	1.60	0.69	10.0	13.9	2.33	2	1	0.55	<0.2	0.33	5.1	28	0.28
66139 (3418403)	4.52	2.22	2.29	7.22	21.2	7.26	2	4	0.86	<0.2	0.65	35.2	36	0.31
66140 (3418404)	2.32	1.67	0.59	9.75	12.7	1.85	2	<1	0.56	<0.2	0.24	2.1	21	0.24
66141 (3418405)	2.56	1.58	0.61	11.1	14.2	2.02	2	<1	0.55	<0.2	0.21	2.0	17	0.28
66142 (3418406)	2.54	1.74	0.59	10.9	16.2	1.98	2	<1	0.56	<0.2	0.21	2.2	16	0.25
66143 (3418407)	2.67	1.75	0.65	11.6	14.1	2.00	2	<1	0.60	<0.2	0.20	2.1	15	0.27
66144 (3418408)	2.55	1.75	0.59	12.5	13.7	1.84	3	<1	0.56	<0.2	0.20	1.6	15	0.25
66145 (3418409)	2.51	1.67	0.62	12.8	13.8	1.95	3	<1	0.57	<0.2	0.21	1.7	15	0.29
66146 (3418410)	2.52	1.71	0.65	13.5	15.0	2.06	4	<1	0.55	<0.2	0.23	2.1	24	0.23
66147 (3418411)	3.00	2.27	0.88	14.1	11.7	2.26	3	1	0.68	0.3	0.16	5.4	14	0.47
66148 (3418412)	2.54	1.75	0.60	11.5	15.2	1.95	3	<1	0.61	<0.2	0.20	1.5	18	0.27
66149 (3418413)	2.32	1.73	0.64	14.5	13.9	1.99	3	<1	0.49	<0.2	0.24	1.8	21	0.23
66150 (3418414)	4.26	3.26	1.26	20.0	12.0	3.72	2	2	1.03	0.3	0.17	9.2	12	0.51

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852760

PROJECT: 2021 Surimeau DDH Batch 78

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
66101 (3418365)	14.2	1370	<2	<1	1.4	1300	<0.01	<5	0.24	1.0	0.39	<0.1	23	21.8
66102 (3418366)	2.56	133	<2	<1	0.8	5	<0.01	<5	0.18	<0.2	0.48	0.2	<5	6.29
66103 (3418367)	15.9	1330	<2	<1	1.7	1210	<0.01	<5	0.30	0.5	0.33	<0.1	24	22.2
66104 (3418368)	15.0	1360	<2	<1	3.1	1090	<0.01	<5	0.65	1.9	0.26	<0.1	26	23.0
66105 (3418369)	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS
66106 (3418370)	16.6	1360	<2	<1	1.9	1250	<0.01	<5	0.31	1.2	0.30	<0.1	27	22.0
66107 (3418371)	16.5	1390	<2	<1	1.7	1210	<0.01	<5	0.33	1.2	0.22	<0.1	27	23.4
66108 (3418372)	16.3	1350	<2	<1	1.7	1340	<0.01	<5	0.28	0.9	0.39	0.2	28	23.3
66109 (3418373)	15.5	1440	<2	<1	1.9	1130	<0.01	<5	0.29	0.6	0.51	<0.1	24	22.9
66110 (3418374)	15.1	1200	<2	<1	2.0	1130	<0.01	<5	0.32	8.7	0.34	0.1	22	25.1
66111 (3418375)	13.9	1080	<2	<1	1.6	1130	<0.01	<5	0.28	121	0.23	<0.1	20	25.4
66112 (3418376)	14.4	1130	<2	<1	1.6	1180	<0.01	<5	0.26	119	0.24	0.2	21	26.4
66113 (3418377)	8.81	2770	<2	<1	2.4	1810	0.01	5	0.39	53.5	0.17	<0.1	40	24.2
66114 (3418378)	3.25	3350	<2	<1	2.6	1560	<0.01	<5	0.48	0.4	0.31	0.1	37	24.4
66115 (3418379)	3.39	3580	<2	<1	2.7	1630	<0.01	<5	0.51	0.3	0.34	<0.1	37	24.9
66116 (3418380)	3.76	3250	<2	<1	3.5	1040	0.02	<5	0.65	0.6	0.21	0.3	42	24.5
66117 (3418381)	5.40	3330	<2	<1	3.5	1270	<0.01	7	0.60	19.2	0.26	0.2	43	21.0
66118 (3418382)	14.5	1600	<2	<1	1.4	1630	<0.01	<5	0.23	1.1	0.60	0.2	24	23.0
66119 (3418383)	15.1	1390	<2	<1	1.4	1340	0.02	<5	0.30	0.3	0.46	<0.1	19	21.6
66120 (3418384)	13.7	1450	<2	<1	1.2	1230	<0.01	<5	0.23	0.4	0.55	<0.1	24	20.9
66121 (3418385)	9.87	2160	<2	<1	1.3	989	<0.01	7	0.23	1.3	0.34	<0.1	19	15.0
66122 (3418386)	2.27	132	<2	<1	0.8	<5	<0.01	<5	0.21	0.6	0.50	<0.1	<5	5.42
66123 (3418387)	11.3	2050	<2	<1	1.5	1100	<0.01	<5	0.29	0.4	0.35	<0.1	22	17.5
66124 (3418388)	13.9	1430	<2	<1	1.4	1360	<0.01	<5	0.23	0.3	0.36	<0.1	26	23.4
66125 (3418389)	14.1	1420	<2	<1	1.2	1440	<0.01	<5	0.17	<0.2	0.26	<0.1	20	25.3
66126 (3418390)	8.05	2640	<2	<1	2.8	1300	0.01	<5	0.47	2.3	0.18	0.1	39	23.0
66127 (3418391)	5.44	3130	<2	1	2.6	1880	0.01	6	0.51	3.4	0.58	0.1	40	25.8
66128 (3418392)	13.2	1730	<2	<1	1.2	1570	<0.01	<5	0.23	41.9	0.18	0.2	21	26.1
66129 (3418393)	8.25	2710	<2	<1	2.6	1880	0.01	6	0.53	8.0	0.22	<0.1	44	23.9
66130 (3418394)	7.09	2730	6	<1	2.7	1420	0.01	6	0.48	0.8	0.17	0.2	43	25.6
66131 (3418395)	4.80	3200	<2	<1	3.0	1380	0.01	6	0.51	0.6	0.27	0.3	42	25.4
66132 (3418396)	4.00	3540	<2	<1	2.8	1370	0.06	8	0.53	0.6	0.28	0.2	44	26.0

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852760

PROJECT: 2021 Surimeau DDH Batch 78

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
66133 (3418397)	3.76	6030	<2	1	3.6	1850	<0.01	9	0.65	1.4	1.03	<0.1	43	21.0
66134 (3418398)	3.63	3860	<2	1	3.3	1990	<0.01	9	0.62	0.8	0.65	<0.1	42	25.1
66135 (3418399)	3.64	3730	<2	<1	3.0	2260	0.03	10	0.62	0.7	0.90	0.1	43	26.2
66136 (3418400)	4.38	4060	<2	<1	2.9	2130	<0.01	13	0.47	2.9	0.70	0.3	45	26.2
66137 (3418401)	3.48	4380	<2	2	3.3	2090	<0.01	10	0.66	0.7	1.09	<0.1	42	26.1
66138 (3418402)	3.73	4530	<2	3	6.8	2120	0.04	7	1.50	13.2	0.96	<0.1	40	26.3
66139 (3418403)	3.66	1660	<2	7	42.1	54	0.23	16	10.2	35.0	0.09	<0.1	26	27.2
66140 (3418404)	3.84	5190	4	1	3.7	2370	<0.01	9	0.73	5.2	1.15	<0.1	41	25.2
66141 (3418405)	4.12	5100	4	2	3.6	2590	0.01	11	0.78	1.0	1.62	<0.1	42	24.8
66142 (3418406)	4.05	5080	2	2	3.8	2620	<0.01	12	0.73	1.1	1.69	0.1	43	24.1
66143 (3418407)	4.17	5140	<2	5	3.6	2060	0.16	12	0.72	1.3	1.54	0.1	45	24.2
66144 (3418408)	5.01	5800	<2	<1	3.4	3100	<0.01	9	0.55	2.4	2.58	0.2	43	24.2
66145 (3418409)	4.97	5810	<2	1	3.2	3140	<0.01	8	0.58	2.7	2.60	0.2	43	24.0
66146 (3418410)	3.92	6720	<2	1	3.7	3270	<0.01	15	0.72	2.6	2.89	0.3	43	21.6
66147 (3418411)	3.06	5230	<2	2	7.3	2140	0.02	24	1.56	3.8	6.36	0.3	26	17.7
66148 (3418412)	5.39	5270	<2	<1	3.2	3130	<0.01	17	0.63	2.1	2.07	0.2	46	24.7
66149 (3418413)	4.08	5740	4	1	3.1	2640	0.04	11	0.61	3.4	3.80	0.1	43	20.5
66150 (3418414)	2.49	4870	4	3	12.1	2170	0.05	13	2.74	3.4	8.95	0.4	20	17.0

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852760

PROJECT: 2021 Surimeau DDH Batch 78

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
66101 (3418365)	0.6	<1	109	<0.5	0.15	<0.1	0.18	<0.5	0.09	<0.05	114	<1	6.4	0.7
66102 (3418366)	0.1	<1	74.6	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.13	<5	<1	2.0	<0.1
66103 (3418367)	0.7	<1	122	<0.5	0.15	<0.1	0.22	<0.5	0.10	<0.05	146	<1	6.3	0.7
66104 (3418368)	0.9	<1	134	<0.5	0.26	0.3	0.24	<0.5	0.12	0.10	144	<1	8.2	0.9
66105 (3418369)	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS
66106 (3418370)	0.7	<1	73.3	<0.5	0.20	0.1	0.24	<0.5	0.11	0.09	154	<1	6.9	0.8
66107 (3418371)	0.7	<1	61.3	<0.5	0.22	<0.1	0.21	<0.5	0.14	<0.05	141	<1	7.6	0.9
66108 (3418372)	0.7	<1	32.0	<0.5	0.18	<0.1	0.24	<0.5	0.12	<0.05	151	<1	7.2	0.9
66109 (3418373)	0.7	<1	81.4	<0.5	0.21	<0.1	0.20	<0.5	0.12	<0.05	137	<1	7.8	0.8
66110 (3418374)	0.8	<1	35.2	<0.5	0.21	<0.1	0.16	<0.5	0.14	<0.05	114	<1	8.5	0.9
66111 (3418375)	0.6	<1	33.9	<0.5	0.18	<0.1	0.18	1.4	0.11	0.06	131	<1	6.3	0.7
66112 (3418376)	0.5	<1	35.7	<0.5	0.17	<0.1	0.17	1.4	0.10	0.05	129	<1	7.0	0.7
66113 (3418377)	1.1	<1	177	<0.5	0.29	<0.1	0.33	0.7	0.18	0.08	228	<1	11.4	1.2
66114 (3418378)	1.0	<1	172	<0.5	0.32	<0.1	0.29	<0.5	0.21	<0.05	208	<1	14.0	1.4
66115 (3418379)	1.1	<1	186	<0.5	0.28	<0.1	0.30	<0.5	0.22	<0.05	208	<1	14.0	1.5
66116 (3418380)	1.3	<1	138	<0.5	0.38	<0.1	0.36	<0.5	0.24	<0.05	252	<1	15.7	1.6
66117 (3418381)	1.2	<1	225	<0.5	0.40	<0.1	0.36	<0.5	0.26	<0.05	253	<1	16.3	1.8
66118 (3418382)	0.5	<1	85.3	<0.5	0.16	<0.1	0.19	<0.5	0.10	<0.05	127	<1	5.8	0.8
66119 (3418383)	0.5	<1	134	<0.5	0.14	<0.1	0.14	<0.5	0.10	<0.05	104	<1	6.1	0.7
66120 (3418384)	0.6	<1	138	<0.5	0.16	<0.1	0.19	<0.5	0.10	<0.05	130	<1	6.4	0.7
66121 (3418385)	0.5	<1	487	<0.5	0.14	<0.1	0.15	<0.5	0.10	<0.05	105	<1	6.0	0.7
66122 (3418386)	0.2	<1	78.6	<0.5	<0.05	0.1	<0.01	<0.5	<0.05	0.15	<5	<1	2.6	0.2
66123 (3418387)	0.6	<1	271	<0.5	0.15	<0.1	0.18	<0.5	0.10	<0.05	128	<1	6.9	0.8
66124 (3418388)	0.7	<1	54.7	<0.5	0.21	<0.1	0.20	<0.5	0.11	<0.05	159	<1	6.4	0.8
66125 (3418389)	0.6	<1	33.6	<0.5	0.15	<0.1	0.16	<0.5	0.08	<0.05	109	<1	5.5	0.6
66126 (3418390)	1.0	<1	197	<0.5	0.31	<0.1	0.33	<0.5	0.20	<0.05	224	<1	12.5	1.3
66127 (3418391)	1.1	<1	147	<0.5	0.30	<0.1	0.32	<0.5	0.20	0.14	217	<1	12.1	1.5
66128 (3418392)	0.5	<1	25.8	<0.5	0.15	<0.1	0.16	0.5	0.09	<0.05	110	<1	5.9	0.6
66129 (3418393)	1.0	<1	133	<0.5	0.32	<0.1	0.35	<0.5	0.20	<0.05	252	<1	13.0	1.4
66130 (3418394)	1.1	<1	119	<0.5	0.30	<0.1	0.35	<0.5	0.20	<0.05	252	<1	11.9	1.3
66131 (3418395)	1.2	<1	84.8	<0.5	0.32	<0.1	0.36	<0.5	0.22	<0.05	254	<1	12.6	1.5
66132 (3418396)	1.2	<1	134	<0.5	0.33	<0.1	0.37	<0.5	0.24	0.10	262	<1	13.9	1.7

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852760

PROJECT: 2021 Surimeau DDH Batch 78

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
66133 (3418397)	1.3	2	253	<0.5	0.41	<0.1	0.35	<0.5	0.31	0.21	272	<1	17.5	2.1
66134 (3418398)	1.2	1	139	<0.5	0.37	0.1	0.35	<0.5	0.25	0.10	247	<1	13.6	1.6
66135 (3418399)	1.1	<1	106	<0.5	0.35	<0.1	0.35	<0.5	0.22	0.05	237	<1	13.5	1.5
66136 (3418400)	1.3	1	176	<0.5	0.35	<0.1	0.37	<0.5	0.22	0.06	256	<1	14.7	1.6
66137 (3418401)	1.3	<1	130	<0.5	0.35	<0.1	0.34	<0.5	0.25	0.36	234	<1	14.3	1.7
66138 (3418402)	1.8	<1	239	<0.5	0.39	0.7	0.37	<0.5	0.24	0.68	234	<1	14.6	1.6
66139 (3418403)	8.9	<1	1130	0.9	0.87	6.2	0.61	0.5	0.29	1.81	206	<1	22.5	2.0
66140 (3418404)	1.3	<1	199	<0.5	0.37	0.2	0.34	<0.5	0.25	0.22	244	<1	14.4	1.7
66141 (3418405)	1.4	2	316	<0.5	0.40	0.3	0.36	<0.5	0.24	0.31	254	<1	14.1	1.7
66142 (3418406)	1.4	2	301	<0.5	0.37	0.3	0.36	<0.5	0.25	0.31	251	<1	14.9	1.7
66143 (3418407)	1.3	2	399	<0.5	0.39	0.1	0.39	<0.5	0.26	0.86	264	<1	15.3	1.8
66144 (3418408)	1.3	3	235	<0.5	0.37	0.1	0.36	<0.5	0.24	0.14	259	<1	14.6	1.8
66145 (3418409)	1.3	4	226	<0.5	0.37	0.1	0.36	<0.5	0.23	0.15	263	<1	14.2	1.6
66146 (3418410)	1.3	5	243	<0.5	0.35	0.1	0.35	<0.5	0.25	0.21	257	<1	15.0	1.6
66147 (3418411)	1.9	9	371	<0.5	0.45	0.6	0.26	<0.5	0.36	0.27	143	<1	18.5	2.5
66148 (3418412)	1.4	4	205	<0.5	0.36	<0.1	0.37	<0.5	0.24	<0.05	272	<1	14.9	1.8
66149 (3418413)	1.3	5	244	<0.5	0.37	0.1	0.34	<0.5	0.21	0.17	252	<1	13.8	1.7
66150 (3418414)	3.2	5	264	0.5	0.66	1.3	0.28	<0.5	0.47	0.46	90	<1	29.7	3.3

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852760

PROJECT: 2021 Surimeau DDH Batch 78

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
66101 (3418365)	43	15.9
66102 (3418366)	<5	0.9
66103 (3418367)	35	15.8
66104 (3418368)	33	19.5
66105 (3418369)	IS	IS
66106 (3418370)	42	15.7
66107 (3418371)	48	12.5
66108 (3418372)	53	16.6
66109 (3418373)	49	13.9
66110 (3418374)	47	12.5
66111 (3418375)	64	13.1
66112 (3418376)	69	12.6
66113 (3418377)	102	23.1
66114 (3418378)	53	21.0
66115 (3418379)	56	21.0
66116 (3418380)	61	25.6
66117 (3418381)	58	25.8
66118 (3418382)	40	13.5
66119 (3418383)	26	10.1
66120 (3418384)	46	11.8
66121 (3418385)	21	11.0
66122 (3418386)	<5	2.0
66123 (3418387)	27	12.7
66124 (3418388)	39	14.4
66125 (3418389)	35	11.8
66126 (3418390)	65	24.0
66127 (3418391)	60	22.6
66128 (3418392)	39	11.3
66129 (3418393)	67	25.1
66130 (3418394)	66	25.6
66131 (3418395)	70	25.3
66132 (3418396)	71	26.4

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852760

PROJECT: 2021 Surimeau DDH Batch 78

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
66133 (3418397)	97	24.9
66134 (3418398)	79	25.9
66135 (3418399)	89	24.9
66136 (3418400)	95	26.1
66137 (3418401)	92	23.8
66138 (3418402)	88	34.9
66139 (3418403)	92	154
66140 (3418404)	138	25.3
66141 (3418405)	190	27.9
66142 (3418406)	185	29.3
66143 (3418407)	173	24.6
66144 (3418408)	298	25.5
66145 (3418409)	291	25.3
66146 (3418410)	345	26.2
66147 (3418411)	2130	45.2
66148 (3418412)	277	27.1
66149 (3418413)	474	26.3
66150 (3418414)	674	91.9

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852760

PROJECT: 2021 Surimeau DDH Batch 78

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Crush-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
66101 (3418365)	80.94
66120 (3418384)	83.92
66140 (3418404)	77.47

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852760

PROJECT: 2021 Surimeau DDH Batch 78

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Pul-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
66101 (3418365)	87.57
66120 (3418384)	85.91
66140 (3418404)	87.51

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 22O852760

PROJECT: 2021 Surimeau DDH Batch 78

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	3418365	< 1	<1	0.0%	3418379	< 1	<1	0.0%	3418390	< 1	<1	0.0%	3418405	< 1	< 1	0.0%
Al	3418365	3.16	2.94	7.2%	3418379	5.32	5.05	5.2%	3418390	5.92	6.03	1.8%	3418405	6.58	6.57	0.2%
As	3418365	< 5	<5	0.0%	3418379	< 5	<5	0.0%	3418390	< 5	<5	0.0%	3418405	< 5	< 5	0.0%
B	3418365	< 20	<20	0.0%	3418379	< 20	<20	0.0%	3418390	30	<20		3418405	28	34	19.4%
Ba	3418365	4.4	4.7	6.6%	3418379	145	139	4.2%	3418390	62.3	62.0	0.5%	3418405	109	109	0.0%
Be	3418365	< 5	<5	0.0%	3418379	< 5	<5	0.0%	3418390	< 5	<5	0.0%	3418405	< 5	<5	0.0%
Bi	3418365	0.4	0.5	22.2%	3418379	0.4	0.4	0.0%	3418390	0.8	0.8	0.0%	3418405	0.4	0.4	0.0%
Ca	3418365	6.89	6.94	0.7%	3418379	14.3	13.5	5.8%	3418390	10.1	10.3	2.0%	3418405	7.75	7.60	2.0%
Cd	3418365	< 0.2	<0.2	0.0%	3418379	< 0.2	<0.2	0.0%	3418390	< 0.2	<0.2	0.0%	3418405	< 0.2	0.2	0.0%
Ce	3418365	1.6	1.8	11.8%	3418379	3.2	3.2	0.0%	3418390	3.1	3.2	3.2%	3418405	5.0	5.0	0.0%
Co	3418365	86.3	97.3	12.0%	3418379	112	112	0.0%	3418390	108	109	0.9%	3418405	169	167	1.2%
Cr	3418365	0.217	0.207	4.7%	3418379	0.376	0.358	4.9%	3418390	0.362	0.370	2.2%	3418405	0.442	0.444	0.5%
Cs	3418365	0.4	0.6	40.0%	3418379	< 0.1	<0.1	0.0%	3418390	0.2	0.2	0.0%	3418405	< 0.1	< 0.1	0.0%
Cu	3418365	55	54	1.8%	3418379	94	88	6.6%	3418390	23	26	12.2%	3418405	199	207	3.9%
Dy	3418365	1.19	1.18	0.8%	3418379	2.04	2.05	0.5%	3418390	2.08	2.22	6.5%	3418405	2.56	2.53	1.2%
Er	3418365	0.71	0.76	6.8%	3418379	1.48	1.38	7.0%	3418390	1.30	1.47	12.3%	3418405	1.58	1.71	7.9%
Eu	3418365	0.25	0.31	21.4%	3418379	0.47	0.46	2.2%	3418390	0.59	0.56	5.2%	3418405	0.61	0.637	4.3%
Fe	3418365	7.33	7.11	3.0%	3418379	7.51	7.09	5.8%	3418390	9.00	9.14	1.5%	3418405	11.1	10.7	3.7%
Ga	3418365	6.49	7.02	7.8%	3418379	9.71	9.39	3.4%	3418390	10.8	11.3	4.5%	3418405	14.2	13.4	5.8%
Gd	3418365	0.76	1.04	31.1%	3418379	1.58	1.61	1.9%	3418390	1.77	1.87	5.5%	3418405	2.02	1.93	4.6%
Ge	3418365	2	2	0.0%	3418379	1	1	0.0%	3418390	2	2	0.0%	3418405	2	2	0.0%
Hf	3418365	< 1	<1	0.0%	3418379	< 1	<1	0.0%	3418390	< 1	<1	0.0%	3418405	< 1	< 1	0.0%
Ho	3418365	0.24	0.28	15.4%	3418379	0.48	0.47	2.1%	3418390	0.46	0.48	4.3%	3418405	0.55	0.54	1.8%
In	3418365	< 0.2	<0.2	0.0%	3418379	< 0.2	<0.2	0.0%	3418390	< 0.2	<0.2	0.0%	3418405	< 0.2	< 0.2	0.0%
K	3418365	< 0.05	<0.05	0.0%	3418379	< 0.05	<0.05	0.0%	3418390	0.21	0.21	0.0%	3418405	0.21	0.20	4.9%
La	3418365	0.6	0.7	15.4%	3418379	1.5	1.5	0.0%	3418390	1.3	1.2	8.0%	3418405	2.0	2.10	4.9%
Li	3418365	< 10	<10	0.0%	3418379	13	13	0.0%	3418390	15	15	0.0%	3418405	17	16	6.1%
Lu	3418365	0.11	0.12	8.7%	3418379	0.24	0.22	8.7%	3418390	0.21	0.22	4.7%	3418405	0.28	0.27	3.6%
Mg	3418365	14.2	14.0	1.4%	3418379	3.39	3.19	6.1%	3418390	8.05	8.37	3.9%	3418405	4.12	4.10	0.5%
Mn	3418365	1370	1370	0.0%	3418379	3580	3380	5.7%	3418390	2640	2680	1.5%	3418405	5100	5000	2.0%
Mo	3418365	< 2	<2	0.0%	3418379	< 2	<2	0.0%	3418390	< 2	<2	0.0%	3418405	4	4	0.0%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 22O852760

PROJECT: 2021 Surimeau DDH Batch 78

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Nb	3418365	< 1	<1	0.0%	3418379	< 1	<1	0.0%	3418390	< 1	<1	0.0%	3418405	2	2	0.0%
Nd	3418365	1.4	1.7	19.4%	3418379	2.7	2.8	3.6%	3418390	2.8	3.0	6.9%	3418405	3.6	3.88	7.5%
Ni	3418365	1300	1300	0.0%	3418379	1630	1580	3.1%	3418390	1300	1300	0.0%	3418405	2590	2630	1.5%
P	3418365	< 0.01	<0.01	0.0%	3418379	< 0.01	0.01		3418390	0.01	<0.01	0.0%	3418405	0.01	0.01	0.0%
Pb	3418365	< 5	<5	0.0%	3418379	< 5	<5	0.0%	3418390	< 5	<5	0.0%	3418405	11	12	8.7%
Pr	3418365	0.24	0.30	22.2%	3418379	0.51	0.54	5.7%	3418390	0.47	0.51	8.2%	3418405	0.78	0.689	12.4%
Rb	3418365	1.0	1.2	18.2%	3418379	0.3	0.3	0.0%	3418390	2.3	2.1	9.1%	3418405	1.0	1.0	0.0%
S	3418365	0.39	0.38	2.6%	3418379	0.34	0.33	3.0%	3418390	0.18	0.19	5.4%	3418405	1.62	1.66	2.4%
Sb	3418365	< 0.1	0.2		3418379	< 0.1	<0.1	0.0%	3418390	0.1	0.2	66.7%	3418405	< 0.1	< 0.1	0.0%
Sc	3418365	23	22	4.4%	3418379	37	35	5.6%	3418390	39	40	2.5%	3418405	42	42	0.0%
Si	3418365	21.8	21.5	1.4%	3418379	24.9	23.4	6.2%	3418390	23.0	23.3	1.3%	3418405	24.8	24.2	2.4%
Sm	3418365	0.6	0.6	0.0%	3418379	1.1	0.9	20.0%	3418390	1.0	1.0	0.0%	3418405	1.4	1.4	0.0%
Sn	3418365	< 1	<1	0.0%	3418379	< 1	<1	0.0%	3418390	< 1	<1	0.0%	3418405	2	2	0.0%
Sr	3418365	109	112	2.8%	3418379	186	176	5.5%	3418390	197	200	1.5%	3418405	316	307	2.9%
Ta	3418365	< 0.5	<0.5	0.0%	3418379	< 0.5	<0.5	0.0%	3418390	< 0.5	<0.5	0.0%	3418405	< 0.5	< 0.5	0.0%
Tb	3418365	0.15	0.20	28.4%	3418379	0.28	0.29	3.5%	3418390	0.31	0.32	3.2%	3418405	0.40	0.38	5.1%
Th	3418365	< 0.1	<0.1	0.0%	3418379	< 0.1	<0.1	0.0%	3418390	< 0.1	<0.1	0.0%	3418405	0.3	0.3	0.0%
Ti	3418365	0.18	0.17	3.7%	3418379	0.30	0.28	6.9%	3418390	0.33	0.34	3.0%	3418405	0.36	0.35	2.8%
Tl	3418365	< 0.5	<0.5	0.0%	3418379	< 0.5	<0.5	0.0%	3418390	< 0.5	<0.5	0.0%	3418405	< 0.5	< 0.5	0.0%
Tm	3418365	0.09	0.13	32.4%	3418379	0.22	0.21	4.7%	3418390	0.20	0.21	4.9%	3418405	0.24	0.26	8.0%
U	3418365	< 0.05	<0.05	0.0%	3418379	< 0.05	<0.05	0.0%	3418390	< 0.05	<0.05	0.0%	3418405	0.31	0.33	6.3%
V	3418365	114	113	0.9%	3418379	208	201	3.4%	3418390	224	228	1.8%	3418405	254	252	0.8%
W	3418365	< 1	<1	0.0%	3418379	< 1	<1	0.0%	3418390	< 1	<1	0.0%	3418405	< 1	< 1	0.0%
Y	3418365	6.4	7.0	9.3%	3418379	14.0	13.8	1.4%	3418390	12.5	12.8	2.4%	3418405	14.1	14.6	3.5%
Yb	3418365	0.7	0.8	8.4%	3418379	1.5	1.4	6.9%	3418390	1.3	1.4	7.4%	3418405	1.7	1.60	6.1%
Zn	3418365	43	36	17.5%	3418379	56	46	19.6%	3418390	65	62	4.7%	3418405	190	184	3.2%
Zr	3418365	15.9	11.9	29.2%	3418379	21.0	19.6	6.9%	3418390	24.0	23.9	0.4%	3418405	27.9	27.8	0.4%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.OREAS-47)				CRM #2 (ref.OREAS-72B)				CRM #3 (ref.OREAS-74B)				CRM #4 (ref.OREAS-47)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	6.32	6.55	104%	80% - 120%					3.54	3.78	107%	80% - 120%				
Ba	473.0	506	107%	80% - 120%					210.0	236	112%	80% - 120%				
Ca	2.33	2.42	104%	80% - 120%					3.09	3.28	106%	80% - 120%				
Ce	56.0	54	97%	80% - 120%	43.5	41	93%	80% - 120%	30.9	31	99%	80% - 120%	56.0	53	95%	80% - 120%
Co	56.0	53	94%	80% - 120%	138.0	129	94%	80% - 120%	499.0	482	97%	80% - 120%	56.0	51	90%	80% - 120%
Cr	112.86	102	90%	80% - 120%					978.0	1080	110%	80% - 120%				
Cs	2.01	2	106%	80% - 120%	3.16	3	93%	80% - 120%	2.73	3	95%	80% - 120%	2.01	2	96%	80% - 120%
Cu									1021.0	1110	109%	80% - 120%				
Dy	2.11	2.1	98%	80% - 120%	2.74	2.4	89%	80% - 120%	1.96	1.9	97%	80% - 120%	2.11	2.1	99%	80% - 120%
Er	1.16	1.2	99%	80% - 120%	1.69	1.7	99%	80% - 120%	1.18	1.2	104%	80% - 120%	1.16	1.1	99%	80% - 120%
Eu	1.01	1.1	111%	80% - 120%	0.74	0.6	80%	80% - 120%	0.53	0.5	92%	80% - 120%	1.01	1.0	99%	80% - 120%
Fe	2.78	2.96	106%	80% - 120%					12.6	13.2	105%	80% - 120%				
Ga	14.1	14	98%	80% - 120%	11.1	12	104%	80% - 120%	8.52	8	98%	80% - 120%	14.1	15	104%	80% - 120%
Gd	2.83	3.1	110%	80% - 120%	2.75	2.7	98%	80% - 120%	1.9	2.0	108%	80% - 120%	2.83	2.7	97%	80% - 120%
Ho	0.42	0.4	102%	80% - 120%	0.56	0.5	91%	80% - 120%	0.4	0.4	92%	80% - 120%	0.42	0.4	98%	80% - 120%
K	1.18	1.16	98%	80% - 120%					0.72	0.720	100%	80% - 120%				
La	30.9	29.2	94%	80% - 120%	24.2	22.4	92%	80% - 120%	17.4	16.7	96%	80% - 120%	30.9	29.0	94%	80% - 120%
Li									29.3	28.2	96%	80% - 120%				
Lu	0.16	0	107%	80% - 120%									0.16	0	114%	80% - 120%
Mg	1.0	1.04	104%	80% - 120%					9.38	9.99	107%	80% - 120%				
Mn	496.0	551	111%	80% - 120%					930.0	1030	111%	80% - 120%				
Mo	12.7	12	98%	80% - 120%									12.7	12	94%	80% - 120%
Nb	17.9	19	107%	80% - 120%	5.48	6	104%	80% - 120%	3.56	4	117%	80% - 120%	17.9	18	99%	80% - 120%
Nd	24.0	22.9	95%	80% - 120%	16.9	14.5	86%	80% - 120%	11.9	11.3	95%	80% - 120%	24.0	21.8	91%	80% - 120%
Ni	91.0	83.3	91%	80% - 120%					34286.0	36300	106%	80% - 120%				
P	0.056	0.049	88%	80% - 120%												
Pb	284.0	292	103%	80% - 120%	14.1	13	89%	80% - 120%	24.1	23	94%	80% - 120%	284.0	281	99%	80% - 120%
Pr	6.58	6.5	98%	80% - 120%	4.79	4.2	88%	80% - 120%	3.39	3.1	93%	80% - 120%	6.58	6.2	94%	80% - 120%
Rb	37.6	37	99%	80% - 120%	47.2	42	90%	80% - 120%	31.3	30	95%	80% - 120%	37.6	36	95%	80% - 120%
S									6.61	6.47	98%	80% - 120%				
Sc	9.27	10.0	108%	80% - 120%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Si	33.99	35.6	105%	80% - 120%					19.68	21.3	108%	80% - 120%				
Sm	4.01	3.7	93%	80% - 120%	2.99	2.9	97%	80% - 120%	2.23	2.1	95%	80% - 120%	4.01	3.8	95%	80% - 120%
Sn	6.14	6	97%	80% - 120%									6.14	5	80%	80% - 120%
Sr	402.0	420	104%	80% - 120%					54.0	57.9	107%	80% - 120%				
Tb	0.39	0.4	102%	80% - 120%	0.46	0.4	86%	80% - 120%	0.31	0.3	103%	80% - 120%	0.39	0.4	95%	80% - 120%
Th	3.84	4	104%	80% - 120%	10.3	10	96%	80% - 120%	7.6	7	96%	80% - 120%	3.84	4	97%	80% - 120%
Ti	0.23	0.244	106%	80% - 120%					0.15	0.172	115%	80% - 120%				
Tl									0.6	1	93%	80% - 120%				
Tm	0.17	0.2	117%	80% - 120%	0.26	0.2	83%	80% - 120%	0.19	0.2	90%	80% - 120%	0.17	0.1	83%	80% - 120%
U					4.76	4	88%	80% - 120%	2.4	2	91%	80% - 120%	0.79	1	99%	80% - 120%
V	61.0	64.2	105%	80% - 120%					62.0	66.7	108%	80% - 120%				
Y	11.6	11.4	98%	80% - 120%	15.3	13.8	90%	80% - 120%	11.3	10.5	93%	80% - 120%	11.6	10.5	91%	80% - 120%
Yb	1.08	1.1	101%	80% - 120%	1.64	1.4	86%	80% - 120%	1.23	1.1	87%	80% - 120%	1.08	1.0	93%	80% - 120%
Zn	217.0	216	99%	80% - 120%					133.0	121	91%	80% - 120%				
Zr	161.0	152	94%	80% - 120%	86.0	81.0	94%	80% - 120%	63.0	62.0	98%	80% - 120%	161.0	150	93%	80% - 120%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O852760

PROJECT: 2021 Surimeau DDH Batch 78

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O852760

PROJECT: 2021 Surimeau DDH Batch 78

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O852760

PROJECT: 2021 Surimeau DDH Batch 78

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Crush-Pass %			BALANCE
Pul-Pass %			BALANCE

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 79

AGAT WORK ORDER: 22O852762

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Mar 10, 2022

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

Disclaimer:

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project Manager if you require additional sample storage time.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
- The test results reported herewith relate only to the samples as received by the laboratory.
- Measurement Uncertainty is not taken into consideration when stating conformity with a specified requirement.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852762

PROJECT: 2021 Surimeau DDH Batch 79

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
66151 (3418571)	1.540
66152 (3418572)	1.700
66153 (3418573)	2.150
66154 (3418574)	3.230
66155 (3418575)	2.210
66156 (3418576)	1.810
66157 (3418577)	1.020
66158 (3418578)	1.930
66159 (3418579)	1.990
66160 (3418580)	1.600
66161 (3418581)	1.610
66162 c-dup (3418582)	<0.005
66163 (3418583)	2.050
66164 (3418584)	1.470
66165 (3418585)	0.700
66166 (3418586)	1.390
66167 (3418587)	1.620
66168 (3418588)	2.230
66169 (3418589)	2.990
66170 (3418590)	1.970
66171 (3418591)	2.170
66172 (3418592)	1.120
66173 (3418593)	3.290
66174 (3418594)	3.230
66175 (3418595)	2.130
66176 (3418596)	3.120
66177 (3418597)	3.080
66178 (3418598)	2.080
66179 (3418599)	3.170
66180 (3418600)	2.210
66181 (3418601)	3.080

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852762

PROJECT: 2021 Surimeau DDH Batch 79

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
66182 (3418602)	2.690
66183 (3418603)	3.250
66184 (3418604)	3.440
66185 (3418605)	3.150
66186 (3418606)	2.070
66187 (3418607)	3.150
66188 (3418608)	3.910
66189 (3418609)	2.490
66190 (3418610)	2.270
66191 (3418611)	2.880
66192 (3418612)	1.190
66193 (3418613)	3.510
66194 (3418614)	4.110
66195 c-dup (3418615)	<0.005
66196 (3418616)	3.930
66197 (3418617)	3.880
66198 (3418618)	2.980
66199 (3418619)	2.790
66200 (3418620)	2.210

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852762

PROJECT: 2021 Surimeau DDH Batch 79

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
66151 (3418571)	<1	5.86	<5	49	304	<5	1.0	7.81	0.5	6.3	204	0.441	6.2	453
66152 (3418572)	<1	0.12	<5	<20	32.5	<5	<0.1	35.1	<0.2	1.0	2.1	0.012	0.2	6
66153 (3418573)	<1	3.22	<5	20	16.3	<5	0.5	6.04	0.6	1.4	88.6	0.237	1.0	99
66154 (3418574)	<1	3.11	<5	<20	198	<5	0.4	5.69	<0.2	1.7	83.5	0.220	9.9	77
66155 (3418575)	<1	3.40	<5	25	435	<5	0.4	5.09	<0.2	1.8	84.0	0.233	17.4	74
66156 (3418576)	<1	4.18	<5	21	286	<5	0.3	8.20	<0.2	45.3	60.2	0.151	1.5	112
66157 (3418577)	<1	7.63	<5	27	642	<5	0.7	3.68	13.1	28.4	104	0.254	1.8	587
66158 (3418578)	<1	8.87	<5	<20	285	<5	0.6	2.89	0.3	52.4	48.7	0.040	0.6	572
66159 (3418579)	2	8.62	<5	<20	344	<5	0.6	2.48	3.1	55.3	35.7	0.039	0.6	912
66160 (3418580)	<1	9.19	<5	<20	600	<5	0.5	2.56	<0.2	58.6	27.5	0.040	1.1	216
66161 (3418581)	<1	8.33	<5	<20	221	<5	1.2	1.11	47.0	64.3	92.5	0.024	0.7	989
66162 c-dup (3418582)	2	8.41	<5	24	229	<5	1.0	1.09	44.1	64.2	92.0	0.020	0.6	994
66163 (3418583)	1	8.10	<5	25	378	<5	2.8	1.20	32.5	64.7	104	0.029	0.8	788
66164 (3418584)	<1	3.80	<5	26	1340	<5	0.4	6.65	0.3	6.0	76.1	0.272	8.4	89
66165 (3418585)	<1	3.61	<5	25	1200	<5	0.3	6.82	<0.2	4.5	77.3	0.257	7.4	34
66166 (3418586)	<1	10.4	<5	<20	657	<5	0.1	2.58	<0.2	103	8.8	0.028	0.7	242
66167 (3418587)	<1	4.38	<5	25	455	<5	0.3	6.67	<0.2	4.1	94.5	0.307	10.2	76
66168 (3418588)	<1	3.23	<5	27	18.2	<5	0.4	5.91	<0.2	1.6	86.2	0.234	0.7	78
66169 (3418589)	2	4.22	<5	32	2.5	<5	0.3	4.17	<0.2	1.4	77.2	0.259	0.4	71
66170 (3418590)	2	3.63	<5	25	3.3	<5	0.3	5.18	<0.2	1.4	86.9	0.242	0.3	76
66171 (3418591)	<1	3.75	<5	22	18.3	<5	0.3	5.81	<0.2	2.1	80.9	0.243	0.7	75
66172 (3418592)	<1	0.33	<5	<20	26.6	<5	<0.1	34.2	<0.2	1.3	0.7	0.016	<0.1	<5
66173 (3418593)	<1	4.05	<5	21	461	<5	0.3	5.82	<0.2	4.6	84.7	0.263	12.5	47
66174 (3418594)	<1	3.86	<5	28	213	<5	0.2	6.22	<0.2	2.3	84.2	0.251	6.0	53
66175 (3418595)	<1	5.49	<5	25	939	<5	0.2	6.04	<0.2	45.8	63.2	0.154	13.2	34
66176 (3418596)	1	2.60	<5	22	62.4	<5	0.5	4.58	<0.2	1.5	81.1	0.204	2.0	52
66177 (3418597)	<1	2.59	<5	25	1.6	<5	0.6	3.99	<0.2	1.7	82.2	0.209	0.4	11
66178 (3418598)	<1	2.87	<5	22	230	<5	0.4	4.38	<0.2	1.1	82.0	0.206	8.2	45
66179 (3418599)	<1	3.29	<5	<20	693	<5	0.2	5.42	<0.2	1.5	70.1	0.198	17.8	5
66180 (3418600)	<1	3.55	<5	21	599	<5	0.2	5.22	<0.2	2.0	74.0	0.223	18.4	46
66181 (3418601)	<1	2.81	<5	<20	5.3	<5	0.5	5.00	<0.2	1.1	84.8	0.246	0.5	71
66182 (3418602)	<1	3.02	<5	<20	19.9	<5	0.5	4.72	<0.2	1.3	89.2	0.244	1.0	85

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852762

PROJECT: 2021 Surimeau DDH Batch 79

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
66183 (3418603)	<1	4.70	<5	<20	775	<5	0.3	5.23	<0.2	23.8	66.9	0.176	17.2	41
66184 (3418604)	<1	2.76	<5	<20	110	<5	0.7	4.12	<0.2	2.1	84.2	0.194	3.5	48
66185 (3418605)	<1	2.35	<5	30	0.7	<5	0.9	3.62	<0.2	1.5	87.1	0.204	0.5	8
66186 (3418606)	<1	2.92	<5	<20	268	<5	0.8	3.38	<0.2	1.0	77.3	0.152	12.3	11
66187 (3418607)	<1	2.47	<5	<20	25.9	<5	0.9	3.96	0.2	1.2	83.6	0.198	1.5	46
66188 (3418608)	<1	2.11	<5	<20	1.7	<5	0.5	5.26	<0.2	1.2	83.9	0.191	0.4	95
66189 (3418609)	<1	3.30	<5	<20	219	<5	0.4	4.87	<0.2	1.1	80.7	0.276	7.9	90
66190 (3418610)	<1	4.98	<5	27	957	<5	0.4	5.50	<0.2	35.2	71.4	0.229	20.1	40
66191 (3418611)	<1	4.01	<5	22	48.8	<5	0.4	6.73	<0.2	2.7	83.5	0.259	2.4	43
66192 (3418612)	<1	3.98	<5	<20	43.8	<5	0.3	7.05	<0.2	2.8	82.7	0.254	2.1	43
66193 (3418613)	<1	3.11	<5	<20	153	<5	0.4	8.75	<0.2	1.5	81.2	0.216	7.8	47
66194 (3418614)	<1	4.56	<5	<20	507	<5	0.7	9.31	<0.2	2.5	95.6	0.321	3.0	32
66195 c-dup (3418615)	<1	4.40	<5	22	550	<5	0.8	9.54	<0.2	2.5	97.0	0.308	3.0	31
66196 (3418616)	<1	3.05	<5	<20	131	<5	0.4	9.75	<0.2	1.8	87.8	0.227	5.6	19
66197 (3418617)	<1	3.01	<5	21	216	<5	0.4	6.51	<0.2	1.7	76.8	0.203	14.6	52
66198 (3418618)	<1	3.24	<5	<20	84.0	<5	0.5	9.95	<0.2	1.2	77.7	0.227	4.2	23
66199 (3418619)	<1	3.36	<5	<20	85.3	<5	0.6	11.3	<0.2	1.6	86.5	0.230	3.1	44
66200 (3418620)	<1	5.50	<5	30	61.7	<5	0.7	15.2	<0.2	7.1	129	0.431	3.3	89

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852762

PROJECT: 2021 Surimeau DDH Batch 79

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
66151 (3418571)	2.80	1.76	0.51	13.6	14.1	2.14	2	<1	0.62	<0.2	1.07	3.1	53	0.32
66152 (3418572)	0.23	0.18	<0.05	0.25	0.16	0.24	2	<1	0.06	<0.2	<0.05	1.1	<10	<0.05
66153 (3418573)	1.15	0.78	0.19	7.08	7.32	0.89	4	<1	0.25	<0.2	0.13	0.5	11	0.12
66154 (3418574)	1.17	0.71	0.23	6.84	8.04	0.86	4	<1	0.27	<0.2	1.60	0.6	39	0.11
66155 (3418575)	1.12	0.78	0.20	6.88	11.9	1.06	4	<1	0.25	<0.2	2.96	0.5	71	0.09
66156 (3418576)	3.68	1.90	1.84	7.85	14.3	4.94	3	2	0.70	0.2	0.38	18.9	21	0.28
66157 (3418577)	2.77	1.50	1.17	7.88	17.7	2.98	2	2	0.54	1.4	0.43	13.2	26	0.24
66158 (3418578)	2.44	1.39	1.41	4.92	18.9	3.23	3	4	0.47	<0.2	0.24	24.9	13	0.20
66159 (3418579)	2.39	1.47	1.22	4.44	17.0	3.52	2	3	0.47	0.5	0.29	27.3	13	0.19
66160 (3418580)	2.94	1.65	1.50	4.50	19.2	3.86	2	3	0.57	<0.2	0.63	27.7	24	0.24
66161 (3418581)	4.77	2.87	2.09	7.74	26.0	5.36	2	4	1.01	7.9	0.18	30.5	<10	0.40
66162 c-dup (3418582)	4.80	2.82	2.10	7.67	26.4	5.30	2	4	1.01	7.6	0.19	30.7	<10	0.40
66163 (3418583)	4.29	2.77	2.02	8.36	22.9	5.29	3	4	0.88	8.0	0.24	29.9	12	0.43
66164 (3418584)	1.64	1.08	0.49	8.39	15.9	1.58	3	<1	0.37	<0.2	1.94	2.3	87	0.14
66165 (3418585)	1.52	0.86	0.33	7.58	14.3	1.40	3	<1	0.30	<0.2	1.74	1.8	81	0.13
66166 (3418586)	2.26	0.78	2.25	2.47	22.0	5.99	1	6	0.33	<0.2	0.23	47.6	12	0.08
66167 (3418587)	1.27	0.79	0.47	7.90	12.7	1.08	4	<1	0.27	<0.2	1.73	2.0	87	0.13
66168 (3418588)	1.24	0.80	0.22	7.19	7.48	0.95	5	<1	0.27	<0.2	0.09	0.6	<10	0.11
66169 (3418589)	1.14	0.75	0.12	7.62	9.62	0.98	3	<1	0.26	<0.2	<0.05	0.5	<10	0.11
66170 (3418590)	1.29	0.72	0.16	7.39	8.34	0.93	4	<1	0.28	<0.2	<0.05	0.6	<10	0.12
66171 (3418591)	1.40	0.87	0.23	7.72	7.95	1.03	3	<1	0.30	<0.2	0.11	0.8	<10	0.15
66172 (3418592)	0.26	0.17	<0.05	0.20	0.73	0.30	1	<1	0.06	<0.2	0.07	1.2	<10	<0.05
66173 (3418593)	1.64	1.02	0.37	8.31	9.48	1.38	3	<1	0.34	<0.2	2.03	1.9	60	0.12
66174 (3418594)	1.41	0.90	0.33	8.45	7.88	1.15	2	<1	0.33	<0.2	0.97	0.9	39	0.12
66175 (3418595)	2.68	1.50	1.28	7.78	13.5	3.71	2	2	0.53	<0.2	2.29	20.5	97	0.24
66176 (3418596)	1.00	0.70	0.17	6.78	6.51	0.83	3	<1	0.20	<0.2	0.30	0.5	<10	0.11
66177 (3418597)	0.97	0.62	0.16	6.66	6.62	0.85	2	<1	0.24	<0.2	<0.05	0.7	<10	0.11
66178 (3418598)	1.05	0.69	0.18	6.65	7.92	0.84	3	<1	0.25	<0.2	1.28	0.3	33	0.09
66179 (3418599)	1.37	0.87	0.42	6.69	11.6	1.05	3	<1	0.24	<0.2	2.78	0.4	98	0.11
66180 (3418600)	1.44	1.02	0.33	7.27	9.03	1.13	3	<1	0.36	<0.2	2.79	0.7	86	0.14
66181 (3418601)	0.98	0.62	0.17	6.59	7.92	0.76	3	<1	0.21	<0.2	<0.05	0.4	<10	0.09
66182 (3418602)	1.08	0.67	0.16	6.67	9.44	0.88	3	<1	0.23	<0.2	0.10	0.5	<10	0.09

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852762

PROJECT: 2021 Surimeau DDH Batch 79

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
66183 (3418603)	2.50	1.32	1.05	7.66	13.1	2.92	2	2	0.51	<0.2	2.66	9.8	98	0.22
66184 (3418604)	0.93	0.51	0.24	6.39	8.15	0.70	3	<1	0.22	<0.2	0.48	0.8	17	0.08
66185 (3418605)	0.79	0.55	0.20	6.23	7.10	0.79	3	<1	0.20	<0.2	<0.05	0.6	<10	0.07
66186 (3418606)	0.68	0.42	0.17	5.94	8.62	0.59	3	<1	0.17	<0.2	1.63	0.4	49	0.07
66187 (3418607)	0.81	0.61	0.18	5.95	7.53	0.62	3	<1	0.20	<0.2	0.16	0.4	<10	0.10
66188 (3418608)	0.89	0.48	0.18	5.83	6.72	0.61	2	<1	0.18	<0.2	<0.05	0.4	<10	0.10
66189 (3418609)	0.98	0.60	0.22	6.58	8.73	0.75	2	<1	0.20	<0.2	1.09	0.3	33	0.07
66190 (3418610)	2.48	1.34	1.05	7.47	11.5	3.27	2	2	0.49	<0.2	2.88	16.2	110	0.18
66191 (3418611)	1.65	1.03	0.36	7.68	8.33	1.22	2	<1	0.33	<0.2	0.33	1.1	20	0.15
66192 (3418612)	1.54	1.02	0.30	7.60	8.39	1.34	2	<1	0.36	<0.2	0.29	1.2	19	0.15
66193 (3418613)	1.15	0.77	0.26	6.60	7.70	1.01	2	<1	0.27	<0.2	1.13	0.6	42	0.12
66194 (3418614)	1.72	1.15	0.42	7.17	8.88	1.36	2	<1	0.40	<0.2	0.57	1.0	24	0.16
66195 c-dup (3418615)	1.76	1.15	0.36	7.26	8.79	1.48	2	<1	0.39	<0.2	0.59	1.0	24	0.17
66196 (3418616)	1.34	0.75	0.37	6.47	9.17	0.95	2	<1	0.29	<0.2	0.93	0.7	34	0.12
66197 (3418617)	1.21	0.84	0.18	6.59	8.56	0.91	3	<1	0.24	<0.2	2.06	0.5	61	0.12
66198 (3418618)	1.12	0.69	0.23	6.87	9.65	0.79	2	<1	0.25	<0.2	0.60	0.4	18	0.10
66199 (3418619)	1.21	0.78	0.29	6.93	7.53	0.95	2	<1	0.25	<0.2	0.44	0.7	16	0.12
66200 (3418620)	2.54	1.60	0.72	8.79	10.9	2.09	<1	<1	0.57	<0.2	0.51	3.6	29	0.21

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852762

PROJECT: 2021 Surimeau DDH Batch 79

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
66151 (3418571)	7.65	4010	<2	1	4.3	2920	0.01	5	0.87	39.8	2.95	<0.1	46	16.5
66152 (3418572)	1.76	129	<2	<1	0.8	23	0.01	<5	0.19	0.9	0.51	<0.1	<5	4.65
66153 (3418573)	14.0	2010	<2	<1	1.3	1450	<0.01	<5	0.28	5.4	1.16	0.2	23	23.0
66154 (3418574)	13.7	1470	<2	<1	1.5	1340	<0.01	<5	0.28	65.5	1.13	<0.1	24	23.8
66155 (3418575)	13.0	1290	<2	<1	1.7	1270	<0.01	<5	0.33	124	0.93	<0.1	24	23.8
66156 (3418576)	8.12	2520	<2	3	25.6	465	0.28	8	6.05	11.8	0.48	<0.1	40	24.6
66157 (3418577)	2.41	1140	44	3	13.8	689	0.04	18	3.37	16.6	3.45	0.2	35	25.0
66158 (3418578)	1.21	666	4	6	23.3	271	0.07	14	6.30	11.6	2.31	0.1	15	28.9
66159 (3418579)	1.05	504	26	6	23.7	209	0.07	15	6.30	12.6	2.22	0.2	16	29.4
66160 (3418580)	1.69	561	51	6	25.6	107	0.09	14	6.92	27.9	1.36	<0.1	19	29.2
66161 (3418581)	0.77	305	24	7	28.5	374	0.07	7	7.60	7.5	5.05	0.1	18	28.4
66162 c-dup (3418582)	0.76	303	23	7	29.9	371	0.06	7	7.44	8.9	4.93	<0.1	18	27.8
66163 (3418583)	0.72	239	123	6	29.1	433	0.06	47	7.63	11.0	5.27	0.1	18	27.0
66164 (3418584)	10.8	2120	<2	1	4.1	954	0.03	8	0.86	84.4	0.65	<0.1	29	24.5
66165 (3418585)	10.7	2100	<2	1	3.2	1080	0.03	6	0.63	75.3	0.30	<0.1	27	24.5
66166 (3418586)	1.00	388	<2	7	50.4	32	0.09	38	12.8	7.6	0.67	<0.1	<5	29.4
66167 (3418587)	11.7	1800	<2	<1	2.8	1390	0.01	<5	0.54	71.4	0.92	<0.1	30	21.3
66168 (3418588)	14.5	1300	<2	<1	1.3	1380	<0.01	<5	0.23	3.6	1.29	<0.1	24	22.9
66169 (3418589)	15.2	1100	<2	<1	1.3	955	0.02	<5	0.20	0.6	0.89	0.1	30	21.2
66170 (3418590)	15.3	1140	<2	<1	1.3	1310	0.01	<5	0.24	0.8	1.12	0.2	27	22.8
66171 (3418591)	14.3	1350	<2	<1	1.9	989	0.02	<5	0.35	3.8	0.83	0.4	27	21.7
66172 (3418592)	1.73	109	<2	<1	0.9	11	<0.01	<5	0.20	0.9	0.47	<0.1	<5	6.96
66173 (3418593)	12.6	1600	<2	<1	3.4	1110	0.03	7	0.70	84.0	0.61	<0.1	27	21.6
66174 (3418594)	13.0	1610	<2	<1	1.9	1040	0.01	<5	0.36	37.0	0.44	0.2	29	21.2
66175 (3418595)	9.99	1360	<2	3	23.3	737	0.13	14	5.83	90.1	0.20	<0.1	27	24.7
66176 (3418596)	15.1	1390	<2	<1	1.3	1360	0.01	<5	0.26	13.8	0.31	0.2	21	22.9
66177 (3418597)	16.4	1350	<2	<1	1.3	1550	<0.01	<5	0.26	0.8	0.15	<0.1	20	21.7
66178 (3418598)	14.6	1160	<2	<1	1.3	1350	<0.01	<5	0.18	55.8	0.35	<0.1	21	24.5
66179 (3418599)	12.3	1260	<2	1	1.6	902	<0.01	5	0.30	121	0.17	<0.1	22	24.4
66180 (3418600)	12.5	1330	<2	<1	1.8	834	0.02	7	0.35	124	0.75	0.4	26	21.7
66181 (3418601)	15.3	1220	<2	<1	1.1	1490	<0.01	<5	0.20	1.5	0.74	<0.1	20	23.6
66182 (3418602)	14.7	1070	<2	<1	1.3	1340	<0.01	<5	0.20	4.8	0.74	0.1	22	22.8

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852762

PROJECT: 2021 Surimeau DDH Batch 79

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
66183 (3418603)	11.6	1420	<2	2	13.3	818	0.09	7	3.22	110	0.47	0.2	32	21.9
66184 (3418604)	15.2	1300	<2	<1	1.7	1440	<0.01	<5	0.30	21.2	0.35	<0.1	19	22.9
66185 (3418605)	16.8	1120	<2	<1	1.1	1630	<0.01	<5	0.23	0.7	0.13	0.3	18	22.8
66186 (3418606)	14.3	1030	<2	<1	0.9	1300	<0.01	<5	0.17	76.2	0.11	<0.1	14	23.7
66187 (3418607)	15.6	1150	<2	<1	1.3	1610	<0.01	<5	0.20	7.4	0.27	<0.1	18	24.2
66188 (3418608)	14.4	949	<2	<1	1.1	1530	<0.01	<5	0.19	0.6	0.69	<0.1	17	23.5
66189 (3418609)	13.8	963	<2	<1	1.1	1270	<0.01	<5	0.19	48.8	0.84	<0.1	22	22.4
66190 (3418610)	10.8	1270	<2	2	17.2	902	0.09	14	4.42	129	0.56	0.1	28	20.8
66191 (3418611)	11.7	1640	<2	<1	2.1	940	<0.01	<5	0.40	13.5	0.51	<0.1	29	19.8
66192 (3418612)	11.9	1710	<2	<1	2.3	952	<0.01	<5	0.40	11.8	0.54	0.2	28	19.7
66193 (3418613)	10.9	1390	<2	<1	1.3	1100	0.01	<5	0.26	50.7	0.44	0.1	23	21.0
66194 (3418614)	7.45	1970	<2	<1	2.3	1310	0.01	9	0.43	21.3	0.27	0.1	33	21.2
66195 c-dup (3418615)	7.57	1990	<2	<1	2.3	1350	<0.01	9	0.39	21.6	0.27	0.2	33	21.6
66196 (3418616)	9.33	1950	<2	<1	1.4	1260	0.01	7	0.32	37.9	0.23	<0.1	23	21.5
66197 (3418617)	11.5	1290	<2	<1	1.5	1040	0.02	<5	0.26	90.3	0.35	0.1	22	22.9
66198 (3418618)	10.3	1770	<2	<1	1.2	1110	<0.01	5	0.22	27.5	0.28	0.1	23	21.8
66199 (3418619)	9.70	1990	<2	<1	1.6	1230	<0.01	7	0.23	20.5	0.38	<0.1	23	19.8
66200 (3418620)	7.09	3000	<2	<1	4.7	1840	0.03	10	0.97	19.6	0.48	<0.1	40	9.69

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852762

PROJECT: 2021 Surimeau DDH Batch 79

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
66151 (3418571)	1.6	2	162	<0.5	0.40	0.1	0.36	0.8	0.28	0.12	272	<1	17.0	1.9
66152 (3418572)	0.2	<1	82.9	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.11	<5	<1	2.2	0.1
66153 (3418573)	0.5	<1	27.6	<0.5	0.18	<0.1	0.18	<0.5	0.11	<0.05	128	<1	6.5	0.8
66154 (3418574)	0.5	<1	28.6	<0.5	0.16	<0.1	0.18	1.0	0.11	0.06	128	<1	6.7	0.7
66155 (3418575)	0.6	<1	32.7	<0.5	0.16	<0.1	0.19	2.2	0.09	0.34	130	<1	6.2	0.7
66156 (3418576)	5.7	7	339	<0.5	0.69	3.1	0.37	<0.5	0.27	0.97	280	<1	19.3	1.7
66157 (3418577)	3.1	8	595	<0.5	0.43	2.5	0.39	<0.5	0.22	0.85	170	<1	14.5	1.6
66158 (3418578)	3.9	5	267	0.9	0.43	7.3	0.37	<0.5	0.18	2.17	100	<1	12.0	1.2
66159 (3418579)	3.9	2	344	0.9	0.49	6.7	0.35	<0.5	0.19	2.02	86	<1	13.6	1.4
66160 (3418580)	4.8	5	482	0.9	0.54	6.4	0.44	0.6	0.22	1.96	117	<1	15.0	1.4
66161 (3418581)	5.9	6	414	1.3	0.80	6.1	0.33	<0.5	0.41	2.38	64	<1	25.2	2.8
66162 c-dup (3418582)	6.1	6	413	1.2	0.77	5.9	0.32	<0.5	0.40	2.39	65	<1	25.4	2.9
66163 (3418583)	6.0	5	434	1.1	0.80	8.0	0.34	<0.5	0.38	2.47	79	<1	23.5	2.6
66164 (3418584)	1.2	8	56.2	<0.5	0.27	0.4	0.26	1.6	0.13	0.32	183	<1	9.5	1.0
66165 (3418585)	1.0	8	50.0	<0.5	0.24	0.3	0.24	1.4	0.12	0.31	171	<1	8.6	0.9
66166 (3418586)	9.0	1	1830	0.7	0.63	8.7	0.33	<0.5	0.09	2.72	52	<1	9.5	0.5
66167 (3418587)	0.8	2	112	<0.5	0.21	0.2	0.24	0.9	0.11	0.12	173	<1	7.1	0.8
66168 (3418588)	0.6	<1	34.6	<0.5	0.18	<0.1	0.19	<0.5	0.10	0.06	131	<1	6.6	0.8
66169 (3418589)	0.6	<1	27.4	<0.5	0.20	<0.1	0.27	<0.5	0.11	0.07	168	<1	6.5	0.8
66170 (3418590)	0.6	<1	29.5	<0.5	0.17	<0.1	0.21	<0.5	0.13	<0.05	143	<1	6.7	0.8
66171 (3418591)	0.6	<1	48.5	<0.5	0.19	<0.1	0.22	<0.5	0.11	0.07	154	<1	7.8	0.9
66172 (3418592)	0.3	<1	82.4	<0.5	<0.05	0.1	<0.01	<0.5	<0.05	0.21	<5	<1	2.7	0.2
66173 (3418593)	1.1	<1	112	<0.5	0.22	0.2	0.24	1.1	0.13	0.08	167	<1	8.8	0.9
66174 (3418594)	0.8	<1	125	<0.5	0.21	<0.1	0.26	<0.5	0.13	<0.05	164	<1	7.8	0.8
66175 (3418595)	4.7	<1	797	<0.5	0.51	3.4	0.35	1.0	0.19	1.12	189	<1	13.5	1.3
66176 (3418596)	0.5	<1	96.6	<0.5	0.16	<0.1	0.15	<0.5	0.09	0.06	103	<1	6.0	0.7
66177 (3418597)	0.5	<1	158	<0.5	0.14	<0.1	0.14	<0.5	0.08	<0.05	107	<1	5.5	0.6
66178 (3418598)	0.5	<1	39.7	<0.5	0.16	<0.1	0.16	0.6	0.08	0.06	105	<1	5.7	0.6
66179 (3418599)	0.8	<1	67.5	<0.5	0.22	<0.1	0.19	1.4	0.12	0.18	131	<1	7.0	0.9
66180 (3418600)	0.8	<1	116	<0.5	0.20	<0.1	0.21	1.4	0.13	0.07	147	<1	8.0	0.9
66181 (3418601)	0.5	<1	38.3	<0.5	0.13	<0.1	0.15	<0.5	0.09	<0.05	112	<1	5.3	0.7
66182 (3418602)	0.5	<1	38.9	<0.5	0.16	<0.1	0.17	<0.5	0.11	0.08	119	<1	5.7	0.7

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852762

PROJECT: 2021 Surimeau DDH Batch 79

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
66183 (3418603)	3.2	2	98.3	<0.5	0.41	3.1	0.35	1.3	0.21	0.96	221	<1	13.3	1.3
66184 (3418604)	0.5	<1	78.0	<0.5	0.16	<0.1	0.15	<0.5	0.09	0.07	100	<1	5.5	0.6
66185 (3418605)	0.5	<1	85.0	<0.5	0.11	<0.1	0.14	<0.5	0.08	<0.05	89	<1	5.0	0.5
66186 (3418606)	0.4	<1	37.1	<0.5	0.11	<0.1	0.15	0.8	0.06	<0.05	77	<1	3.9	0.4
66187 (3418607)	0.4	<1	37.2	<0.5	0.11	<0.1	0.13	<0.5	0.07	0.06	86	<1	4.8	0.5
66188 (3418608)	0.4	<1	41.6	<0.5	0.15	<0.1	0.12	<0.5	0.08	0.06	88	<1	4.8	0.5
66189 (3418609)	0.5	<1	41.3	<0.5	0.15	<0.1	0.18	0.6	0.08	0.09	117	<1	5.3	0.7
66190 (3418610)	3.8	<1	174	<0.5	0.43	3.0	0.32	1.3	0.18	0.80	175	<1	13.3	1.3
66191 (3418611)	0.8	<1	114	<0.5	0.24	<0.1	0.23	<0.5	0.15	<0.05	166	<1	9.0	1.0
66192 (3418612)	0.9	<1	124	<0.5	0.23	<0.1	0.22	<0.5	0.13	<0.05	162	<1	9.2	1.0
66193 (3418613)	0.6	<1	202	<0.5	0.17	<0.1	0.18	0.5	0.10	0.08	127	<1	7.0	0.8
66194 (3418614)	0.8	<1	244	<0.5	0.29	<0.1	0.26	<0.5	0.18	0.05	184	<1	11.0	1.2
66195 c-dup (3418615)	0.8	<1	253	<0.5	0.27	<0.1	0.26	<0.5	0.17	0.06	186	<1	10.9	1.2
66196 (3418616)	0.7	<1	133	<0.5	0.17	<0.1	0.18	<0.5	0.13	0.09	142	<1	7.7	0.8
66197 (3418617)	0.5	<1	47.5	<0.5	0.18	<0.1	0.17	0.9	0.11	0.10	133	<1	7.0	0.7
66198 (3418618)	0.6	<1	107	<0.5	0.15	<0.1	0.18	<0.5	0.10	0.09	150	<1	6.2	0.6
66199 (3418619)	0.6	<1	145	<0.5	0.19	<0.1	0.19	<0.5	0.12	<0.05	129	<1	7.0	0.7
66200 (3418620)	1.5	<1	315	<0.5	0.38	<0.1	0.36	<0.5	0.21	<0.05	241	<1	14.1	1.7

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852762

PROJECT: 2021 Surimeau DDH Batch 79

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
66151 (3418571)	473	28.4
66152 (3418572)	<5	1.1
66153 (3418573)	176	12.4
66154 (3418574)	79	12.5
66155 (3418575)	120	12.2
66156 (3418576)	358	78.7
66157 (3418577)	4460	69.6
66158 (3418578)	142	131
66159 (3418579)	1470	124
66160 (3418580)	69	118
66161 (3418581)	20000	131
66162 c-dup (3418582)	18900	130
66163 (3418583)	17900	154
66164 (3418584)	539	22.9
66165 (3418585)	442	19.8
66166 (3418586)	59	208
66167 (3418587)	160	19.1
66168 (3418588)	55	14.2
66169 (3418589)	41	18.6
66170 (3418590)	36	15.5
66171 (3418591)	43	14.9
66172 (3418592)	<5	2.7
66173 (3418593)	52	18.4
66174 (3418594)	51	16.2
66175 (3418595)	78	64.0
66176 (3418596)	39	11.3
66177 (3418597)	38	8.6
66178 (3418598)	39	12.3
66179 (3418599)	103	13.0
66180 (3418600)	48	15.0
66181 (3418601)	35	11.8
66182 (3418602)	35	12.9

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852762

PROJECT: 2021 Surimeau DDH Batch 79

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
66183 (3418603)	122	60.4
66184 (3418604)	48	11.4
66185 (3418605)	37	9.7
66186 (3418606)	66	5.2
66187 (3418607)	58	10.4
66188 (3418608)	29	9.6
66189 (3418609)	35	13.3
66190 (3418610)	61	55.9
66191 (3418611)	44	19.3
66192 (3418612)	51	16.7
66193 (3418613)	37	13.3
66194 (3418614)	42	20.0
66195 c-dup (3418615)	42	20.7
66196 (3418616)	47	14.7
66197 (3418617)	39	13.8
66198 (3418618)	52	14.1
66199 (3418619)	41	14.8
66200 (3418620)	73	28.0

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852762

PROJECT: 2021 Surimeau DDH Batch 79

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Crush-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
66151 (3418571)	80.39
66170 (3418590)	76.71
66190 (3418610)	75.99

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852762

PROJECT: 2021 Surimeau DDH Batch 79

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Pul-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
66151 (3418571)	86.34
66170 (3418590)	88.27
66190 (3418610)	86.44

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	3418596	1	<1		3418611	< 1	<1	0.0%	3418596	1	< 1		3418611	< 1	< 1	0.0%
Al	3418571	5.86	6.02	2.7%	3418596	2.60	2.60	0.0%	3418585	3.61	3.47	4.0%	3418611	4.01	4.16	3.7%
As	3418596	< 5	<5	0.0%	3418611	< 5	<5	0.0%	3418596	< 5	< 5	0.0%	3418611	< 5	< 5	0.0%
B	3418571	49	43	12.8%	3418596	22	22	0.0%	3418585	25	22	12.8%	3418611	22	<20	12.3%
Ba	3418571	304	316	4.2%	3418596	62.4	61.3	1.8%	3418585	1200	1170	2.5%	3418611	48.8	48.0	1.7%
Be	3418596	< 5	<5	0.0%	3418611	< 5	<5	0.0%	3418585	< 5	<5	0.0%	3418611	< 5	<5	0.0%
Bi	3418596	0.5	0.4	7.2%	3418611	0.4	0.3	28.6%	3418596	0.5	0.44	12.8%	3418611	0.4	0.31	25.4%
Ca	3418571	7.81	7.90	1.2%	3418596	4.58	4.55	0.7%	3418585	6.82	6.70	1.8%	3418611	6.73	6.91	2.6%
Cd	3418596	< 0.2	<0.2	0.0%	3418611	< 0.2	<0.2	0.0%	3418596	< 0.2	< 0.2	0.0%	3418611	< 0.2	< 0.2	0.0%
Ce	3418596	1.5	1.5	4.0%	3418611	2.7	2.6	3.8%	3418596	1.5	1.5	0.0%	3418611	2.7	2.59	4.2%
Co	3418596	81.1	82.0	1.0%	3418611	83.5	81.8	2.1%	3418596	81.1	82.0	1.1%	3418611	83.5	81.8	2.1%
Cr	3418571	0.441	0.450	1.9%	3418596	0.204	0.202	1.0%	3418585	0.257	0.247	4.0%	3418611	0.259	0.255	1.6%
Cs	3418596	2.0	2.2	11.3%	3418611	2.4	2.4	0.0%	3418596	2.0	2.2	9.5%	3418611	2.4	2.4	0.0%
Cu	3418571	453	466	2.9%	3418596	52	50	3.9%	3418585	34	34	0.0%	3418611	43	43	0.0%
Dy	3418596	1.00	1.07	7.1%	3418611	1.65	1.65	0.0%	3418596	1.00	1.07	6.8%	3418611	1.65	1.65	0.0%
Er	3418596	0.70	0.70	0.2%	3418611	1.03	1.04	1.0%	3418596	0.70	0.70	0.0%	3418611	1.03	1.04	1.0%
Eu	3418596	0.17	0.18	7.2%	3418611	0.36	0.31	14.9%	3418596	0.17	0.18	5.7%	3418611	0.36	0.312	14.3%
Fe	3418571	13.6	13.7	0.1%	3418596	6.78	6.83	0.7%	3418585	7.58	7.45	1.7%	3418611	7.68	7.96	3.6%
Ga	3418596	6.51	6.62	1.8%	3418611	8.33	8.44	1.3%	3418596	6.51	6.62	1.7%	3418611	8.33	8.44	1.3%
Gd	3418596	0.83	0.91	9.3%	3418611	1.22	1.27	4.0%	3418596	0.83	0.91	9.2%	3418611	1.22	1.27	4.0%
Ge	3418596	3	2	20.3%	3418611	2	2	0.0%	3418596	3	2	40.0%	3418611	2	2	0.0%
Hf	3418596	< 1	<1	0.0%	3418611	< 1	<1	0.0%	3418596	< 1	< 1	0.0%	3418611	< 1	< 1	0.0%
Ho	3418596	0.20	0.22	9.9%	3418611	0.33	0.33	0.0%	3418596	0.20	0.22	9.5%	3418611	0.33	0.33	0.0%
In	3418596	< 0.2	<0.2	0.0%	3418611	< 0.2	<0.2	0.0%	3418596	< 0.2	< 0.2	0.0%	3418611	< 0.2	< 0.2	0.0%
K	3418571	1.07	1.10	2.9%	3418596	0.30	0.30	0.0%	3418585	1.74	1.71	1.7%	3418611	0.33	0.28	16.4%
La	3418596	0.5	0.5	7.4%	3418611	1.1	1.1	0.0%	3418596	0.5	0.5	0.0%	3418611	1.1	1.1	0.0%
Li	3418571	53	54	2.2%	3418596	< 10	<10	0.0%	3418585	81	78	3.8%	3418611	20	19	5.1%
Lu	3418596	0.11	0.11	0.8%	3418611	0.15	0.16	6.5%	3418596	0.11	0.11	0.0%	3418611	0.15	0.16	6.5%
Mg	3418571	7.65	7.76	1.4%	3418596	15.1	15.0	0.7%	3418585	10.7	10.5	1.9%	3418611	11.7	12.5	6.6%
Mn	3418571	4010	4010	0.0%	3418596	1390	1410	1.4%	3418585	2100	2050	2.4%	3418611	1640	1690	3.0%
Mo	3418596	< 2	<2	0.0%	3418611	< 2	<2	0.0%	3418596	< 2	< 2	0.0%	3418611	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Nb	3418596	< 1	<1	0.0%	3418611	< 1	<1	0.0%	3418596	< 1	< 1	0.0%	3418611	< 1	< 1	0.0%
Nd	3418596	1.3	1.4	6.3%	3418611	2.1	2.2	4.7%	3418596	1.3	1.40	7.4%	3418611	2.1	2.2	4.7%
Ni	3418571	2920	2910	0.5%	3418596	1360	1360	0.0%	3418585	1080	1040	3.8%	3418611	940	904	3.9%
P	3418571	0.01	0.02	66.9%	3418596	0.01	<0.01	0.0%	3418585	0.03	0.02	40.0%	3418611	< 0.01	<0.01	0.0%
Pb	3418596	< 5	<5	0.0%	3418611	< 5	<5	0.0%	3418596	< 5	< 5	0.0%	3418611	< 5	< 5	0.0%
Pr	3418596	0.26	0.26	1.1%	3418611	0.40	0.38	5.1%	3418596	0.26	0.26	0.0%	3418611	0.40	0.382	4.6%
Rb	3418596	13.8	13.0	6.5%	3418611	13.5	12.9	4.5%	3418596	13.8	13.0	6.0%	3418611	13.5	12.9	4.5%
S	3418571	2.95	2.89	2.1%	3418596	0.31	0.30	3.3%	3418585	0.30	0.29	3.4%	3418611	0.51	0.54	5.7%
Sb	3418596	0.2	<0.1		3418611	< 0.1	<0.1	0.0%	3418596	0.2	< 0.1		3418611	< 0.1	0.1	
Sc	3418571	46	46	0.4%	3418596	21	21	0.0%	3418585	27	27	0.0%	3418611	29	28	3.5%
Si	3418571	16.5	16.5	0.2%	3418596	22.9	23.3	1.7%	3418585	24.5	23.8	2.9%	3418611	19.8	19.9	0.5%
Sm	3418596	0.5	0.6	11.9%	3418611	0.8	0.9	11.8%	3418596	0.5	0.57	13.1%	3418611	0.8	0.87	8.4%
Sn	3418596	< 1	<1	0.0%	3418611	< 1	<1	0.0%	3418596	< 1	< 1	0.0%	3418611	< 1	< 1	0.0%
Sr	3418571	162	164	0.7%	3418596	96.6	91.2	5.8%	3418585	50.0	49.6	0.8%	3418611	114	112	1.8%
Ta	3418596	< 0.5	<0.5	0.0%	3418611	< 0.5	<0.5	0.0%	3418596	< 0.5	< 0.5	0.0%	3418611	< 0.5	< 0.5	0.0%
Tb	3418596	0.16	0.16	0.7%	3418611	0.24	0.23	4.3%	3418596	0.16	0.16	0.0%	3418611	0.24	0.229	4.7%
Th	3418596	< 0.1	<0.1	0.0%	3418611	< 0.1	<0.1	0.0%	3418596	< 0.1	< 0.1	0.0%	3418611	< 0.1	< 0.1	0.0%
Ti	3418571	0.36	0.36	0.3%	3418596	0.15	0.16	6.5%	3418585	0.24	0.23	4.3%	3418611	0.23	0.23	0.0%
Tl	3418596	< 0.5	<0.5	0.0%	3418611	< 0.5	<0.5	0.0%	3418596	< 0.5	< 0.5	0.0%	3418611	< 0.5	< 0.5	0.0%
Tm	3418596	0.09	0.09	3.6%	3418611	0.15	0.15	0.0%	3418596	0.09	0.09	0.0%	3418611	0.15	0.15	0.0%
U	3418596	0.06	0.06	3.8%	3418611	< 0.05	<0.05	0.0%	3418596	0.06	0.06	0.0%	3418611	< 0.05	< 0.05	0.0%
V	3418571	272	275	1.1%	3418596	103	101	2.0%	3418585	171	165	3.6%	3418611	166	165	0.6%
W	3418596	< 1	<1	0.0%	3418611	< 1	<1	0.0%	3418596	< 1	< 1	0.0%	3418611	< 1	< 1	0.0%
Y	3418596	6.0	6.0	1.2%	3418611	9.0	9.2	2.2%	3418596	6.0	6.0	0.0%	3418611	9.0	9.2	2.2%
Yb	3418596	0.7	0.7	1.1%	3418611	1.0	1.0	0.0%	3418596	0.7	0.7	0.0%	3418611	1.0	1.0	0.0%
Zn	3418571	473	457	3.4%	3418596	39	33	16.7%	3418585	442	421	4.9%	3418611	44	49	10.8%
Zr	3418596	11.3	11.3	0.6%	3418611	19.3	16.5	15.6%	3418596	11.3	11.3	0.0%	3418611	19.3	16.5	15.6%

AGAT Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 22O852762

PROJECT: 2021 Surimeau DDH Batch 79

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.OREAS-47)				CRM #2 (ref.OREAS-74B)				CRM #3 (ref.OREAS-72B)				CRM #4 (ref.OREAS-74B)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	6.32	6.52	103%	80% - 120%					4.72	4.99	106%	80% - 120%	3.54	3.28	93%	80% - 120%
Ba	473.0	545	115%	80% - 120%					335.0	380	113%	80% - 120%	210.0	224	106%	80% - 120%
Ca	2.33	2.49	107%	80% - 120%					2.82	2.95	104%	80% - 120%	3.09	3.00	97%	80% - 120%
Ce					30.9	31	99%	80% - 120%	43.5	45	104%	80% - 120%				
Co					499.0	480	96%	80% - 120%	138.0	135	98%	80% - 120%				
Cr	112.86	117	104%	80% - 120%					974.0	1110	114%	80% - 120%	978.0	999	102%	80% - 120%
Cs					2.73	3	98%	80% - 120%	3.16	3	91%	80% - 120%				
Cu									219.0	226	103%	80% - 120%	1021.0	1010	99%	80% - 120%
Dy					1.96	1.8	90%	80% - 120%	2.74	2.7	98%	80% - 120%				
Er					1.18	1.1	89%	80% - 120%	1.69	1.5	90%	80% - 120%				
Eu					0.53	0.4	82%	80% - 120%	0.74	0.7	93%	80% - 120%				
Fe	2.78	3.01	108%	80% - 120%					6.97	7.09	102%	80% - 120%	12.6	12.0	95%	80% - 120%
Ga					8.52	8	90%	80% - 120%	11.1	11	103%	80% - 120%				
Gd					1.9	2.0	105%	80% - 120%	2.75	2.8	103%	80% - 120%				
Ho					0.4	0.4	94%	80% - 120%	0.56	0.5	94%	80% - 120%				
K	1.18	1.23	104%	80% - 120%					1.13	1.14	101%	80% - 120%	0.72	0.679	94%	80% - 120%
La					17.4	17.0	98%	80% - 120%	24.2	24.9	103%	80% - 120%				
Li													29.3	27.2	93%	80% - 120%
Mg	1.0	1.04	104%	80% - 120%					9.66	10.2	106%	80% - 120%	9.38	8.78	94%	80% - 120%
Mn	496.0	559	113%	80% - 120%					1010.0	1080	107%	80% - 120%	930.0	943	101%	80% - 120%
Nb					3.56	4	108%	80% - 120%	5.48	5	100%	80% - 120%				
Nd					11.9	11.0	92%	80% - 120%	16.9	16.1	95%	80% - 120%				
Ni	91.0	103	113%	80% - 120%					7050.0	7900	112%	80% - 120%	34286.0	33900	99%	80% - 120%
P	0.056	0.062	111%	80% - 120%					0.029	0.029	101%	80% - 120%				
Pb					24.1	22	92%	80% - 120%	14.1	14	99%	80% - 120%				
Pr					3.39	3.1	92%	80% - 120%	4.79	4.8	99%	80% - 120%				
Rb					31.3	29	94%	80% - 120%	47.2	43	92%	80% - 120%				
S									1.48	1.51	102%	80% - 120%	6.61	5.80	88%	80% - 120%
Sc	9.27	10.7	115%	80% - 120%												
Si	33.99	35.5	105%	80% - 120%					24.02	26.1	109%	80% - 120%	19.68	19.8	101%	80% - 120%
Sm					2.23	2.3	102%	80% - 120%	2.99	3.1	105%	80% - 120%				

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sr	402.0	449	112%	80% - 120%					61.0	74.1	121%	80% - 120%	54.0	56.7	105%	80% - 120%
Tb					0.31	0.3	93%	80% - 120%	0.46	0.5	99%	80% - 120%				
Th					7.6	7	96%	80% - 120%	10.3	10	98%	80% - 120%				
Ti	0.23	0.251	109%	80% - 120%					0.208	0.228	110%	80% - 120%	0.15	0.157	105%	80% - 120%
Tl					0.6	1	103%	80% - 120%								
Tm					0.19	0.2	87%	80% - 120%	0.26	0.2	80%	80% - 120%				
U					2.4	2	95%	80% - 120%	4.76	4	93%	80% - 120%				
V	61.0	68.7	113%	80% - 120%					77.0	85.2	111%	80% - 120%	62.0	62.5	101%	80% - 120%
Y					11.3	10.1	89%	80% - 120%	15.3	13.8	90%	80% - 120%				
Yb					1.23	1.1	88%	80% - 120%	1.64	1.6	95%	80% - 120%				
Zn	217.0	218	101%	80% - 120%					90.0	81.6	91%	80% - 120%	133.0	119	90%	80% - 120%
Zr					63.0	61.1	97%	80% - 120%	86.0	86.0	100%	80% - 120%				

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED
AGAT WORK ORDER: 22O852762
PROJECT: 2021 Surimeau DDH Batch 79
ATTENTION TO: Francis Newton
SAMPLING SITE:
SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O852762

PROJECT: 2021 Surimeau DDH Batch 79

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O852762

PROJECT: 2021 Surimeau DDH Batch 79

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Crush-Pass %			BALANCE
Pul-Pass %			BALANCE

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 80

AGAT WORK ORDER: 22O852763

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Feb 17, 2022

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

Disclaimer:

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project Manager if you require additional sample storage time.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
- The test results reported herewith relate only to the samples as received by the laboratory.
- Measurement Uncertainty is not taken into consideration when stating conformity with a specified requirement.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852763

PROJECT: 2021 Surimeau DDH Batch 80

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Feb 17, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
66201 (3418690)	3.090
66202 (3418691)	1.090
66203 (3418692)	0.500
66204 (3418693)	1.830
66205 (3418694)	1.990
66206 (3418695)	3.040
66207 (3418696)	2.890
66208 (3418697)	3.990
66209 (3418698)	3.710
66210 (3418699)	2.590
66211 (3418700)	3.280
66212 (3418701)	<0.005
66213 (3418702)	2.950
66214 (3418703)	2.160
66215 (3418704)	1.130
66216 (3418705)	1.920
66217 (3418706)	2.030
66218 (3418707)	2.700
66219 (3418708)	2.560
66220 (3418709)	3.970
66221 (3418710)	3.610
66222 (3418711)	1.480
66223 (3418712)	3.310
66224 (3418713)	3.600
66225 (3418714)	3.940
66226 (3418715)	3.420
66227 (3418716)	3.340
66228 (3418717)	2.240
66229 (3418718)	2.200
66230 (3418719)	2.310
66231 (3418720)	3.450

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852763

PROJECT: 2021 Surimeau DDH Batch 80

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Feb 17, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
66232 (3418721)	1.190
66233 (3418722)	3.050
66234 (3418723)	3.260
66235 (3418724)	2.920
66236 (3418725)	2.970
66237 (3418726)	2.970
66238 (3418727)	2.330
66239 (3418728)	2.270
66240 (3418729)	2.930
66241 (3418730)	3.080
66242 (3418731)	1.560
66243 (3418732)	1.970
66244 (3418733)	1.840
66245 (3418734)	<0.005
66246 (3418735)	2.810
66247 (3418736)	3.140
66248 (3418737)	2.050
66249 (3418738)	3.010
66250 (3418739)	3.370

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852763

PROJECT: 2021 Surimeau DDH Batch 80

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Feb 17, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
66201 (3418690)	<1	3.89	<5	<20	51.4	<5	1.1	14.4	<0.2	5.7	133	0.340	4.3	81
66202 (3418691)	<1	0.24	<5	<20	26.2	<5	<0.1	34.3	<0.2	1.4	<0.5	0.008	<0.1	<5
66203 (3418692)	<1	0.20	<5	<20	5.7	<5	<0.1	37.0	<0.2	5.7	7.5	<0.005	<0.1	<5
66204 (3418693)	<1	3.03	<5	<20	246	<5	0.3	7.50	<0.2	1.5	86.6	0.196	14.0	16
66205 (3418694)	<1	4.22	<5	<20	245	<5	0.6	5.68	<0.2	2.9	96.6	0.285	16.4	92
66206 (3418695)	<1	3.35	<5	<20	287	<5	0.5	6.33	<0.2	8.8	88.2	0.214	14.7	36
66207 (3418696)	<1	3.28	<5	<20	5.7	<5	0.5	5.50	<0.2	2.6	94.5	0.233	0.5	55
66208 (3418697)	<1	3.03	<5	<20	1.0	<5	0.5	4.70	<0.2	1.6	92.3	0.238	0.4	42
66209 (3418698)	<1	2.99	<5	<20	<0.5	<5	0.5	5.04	<0.2	1.8	87.1	0.218	0.3	36
66210 (3418699)	<1	2.66	<5	<20	<0.5	<5	0.5	6.96	<0.2	3.4	84.1	0.197	0.2	70
66211 (3418700)	<1	3.71	<5	<20	10.9	<5	0.5	4.85	<0.2	4.5	93.7	0.236	1.1	75
66212 (3418701)	<1	3.73	<5	<20	10.9	<5	0.4	4.78	<0.2	4.1	90.0	0.235	1.0	75
66213 (3418702)	<1	3.19	<5	<20	274	<5	0.4	6.85	0.3	3.1	78.3	0.180	12.1	16
66214 (3418703)	<1	4.27	<5	<20	654	<5	0.2	6.22	<0.2	40.5	73.3	0.143	16.1	<5
66215 (3418704)	<1	4.08	<5	<20	629	<5	0.3	6.26	<0.2	30.5	72.8	0.150	16.1	<5
66216 (3418705)	1	4.96	<5	<20	1010	<5	0.6	5.11	<0.2	22.1	79.5	0.158	16.4	96
66217 (3418706)	<1	6.87	<5	<20	836	<5	0.4	6.51	<0.2	78.5	44.6	0.058	4.0	124
66218 (3418707)	<1	7.55	<5	<20	735	<5	1.3	4.21	7.3	68.6	67.3	0.032	2.3	384
66219 (3418708)	<1	7.00	<5	<20	1110	<5	1.7	6.12	4.0	59.0	105	0.064	0.6	477
66220 (3418709)	<1	6.59	<5	<20	1720	<5	0.5	5.50	<0.2	107	47.0	0.093	2.1	139
66221 (3418710)	<1	9.27	<5	<20	1160	<5	0.5	2.50	<0.2	85.9	33.8	0.043	4.0	63
66222 (3418711)	<1	0.07	<5	<20	16.5	<5	<0.1	35.9	<0.2	1.8	<0.5	0.007	<0.1	<5
66223 (3418712)	<1	9.74	<5	<20	609	<5	0.3	1.47	<0.2	75.6	29.6	0.038	6.6	70
66224 (3418713)	<1	8.77	<5	<20	491	<5	0.4	1.29	0.6	70.2	28.1	0.036	6.2	64
66225 (3418714)	<1	9.26	<5	<20	553	<5	0.3	1.11	0.5	67.3	28.9	0.039	5.1	59
66226 (3418715)	<1	9.14	<5	<20	558	<5	0.4	1.14	0.3	68.1	29.3	0.040	5.6	61
66227 (3418716)	<1	9.29	<5	<20	522	<5	0.2	1.09	<0.2	73.3	29.9	0.040	6.9	55
66228 (3418717)	<1	9.45	<5	<20	536	<5	0.5	1.28	<0.2	70.1	37.5	0.039	6.8	206
66229 (3418718)	1	9.13	<5	<20	551	<5	0.5	1.18	<0.2	69.2	32.5	0.046	6.4	81
66230 (3418719)	1	9.08	<5	<20	560	<5	0.8	1.37	0.7	71.6	30.6	0.046	6.1	78
66231 (3418720)	12	10.6	<5	<20	583	<5	0.4	1.43	0.3	75.1	31.8	0.049	7.1	58
66232 (3418721)	<1	4.05	<5	<20	184	<5	0.4	7.95	<0.2	6.0	85.6	0.231	5.8	29

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852763

PROJECT: 2021 Surimeau DDH Batch 80

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Feb 17, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
66233 (3418722)	1	2.73	<5	<20	8.0	<5	0.4	8.19	<0.2	2.2	89.0	0.198	0.7	60
66234 (3418723)	<1	3.35	<5	<20	1.2	<5	0.5	5.15	<0.2	1.9	91.1	0.217	0.6	40
66235 (3418724)	<1	3.07	<5	<20	2.8	<5	0.5	6.88	<0.2	3.4	84.0	0.206	0.8	44
66236 (3418725)	<1	3.60	<5	<20	1.9	<5	0.3	4.00	<0.2	2.5	97.4	0.213	0.7	88
66237 (3418726)	<1	3.41	<5	<20	1.9	<5	0.6	3.21	<0.2	1.7	97.0	0.231	0.6	58
66238 (3418727)	<1	3.73	<5	<20	12.5	<5	0.5	3.43	<0.2	1.8	99.4	0.240	1.3	71
66239 (3418728)	<1	3.17	<5	<20	506	<5	0.4	4.59	0.2	1.9	77.1	0.184	27.7	53
66240 (3418729)	<1	3.02	<5	<20	318	<5	0.4	5.14	<0.2	1.4	81.9	0.207	16.1	49
66241 (3418730)	<1	3.18	<5	<20	220	<5	0.5	5.75	<0.2	2.1	91.8	0.219	12.0	58
66242 (3418731)	<1	3.13	<5	<20	252	<5	0.7	5.74	<0.2	2.3	90.7	0.230	13.7	57
66243 (3418732)	<1	4.53	<5	<20	47.1	7	2.3	16.0	0.3	5.3	150	0.423	0.6	16
66244 (3418733)	<1	3.35	<5	<20	37.9	<5	0.7	16.4	<0.2	2.5	81.6	0.241	0.2	6
66245 (3418734)	<1	3.45	<5	<20	37.8	<5	0.6	16.3	<0.2	2.5	79.2	0.246	<0.1	6
66246 (3418735)	<1	4.96	<5	<20	30.2	<5	0.9	8.57	<0.2	3.1	113	0.343	<0.1	<5
66247 (3418736)	<1	4.03	<5	<20	73.1	<5	0.9	9.53	<0.2	2.4	114	0.303	3.0	13
66248 (3418737)	<1	3.71	<5	<20	17.2	<5	0.6	11.8	<0.2	2.7	103	0.266	1.1	9
66249 (3418738)	<1	3.10	<5	<20	<0.5	<5	0.6	6.29	<0.2	1.4	97.1	0.219	0.6	61
66250 (3418739)	<1	3.14	<5	<20	<0.5	<5	0.5	4.94	<0.2	1.5	91.3	0.227	0.4	59

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852763

PROJECT: 2021 Surimeau DDH Batch 80

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Feb 17, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
66201 (3418690)	2.17	1.39	0.76	8.26	11.4	1.92	2	<1	0.43	<0.2	0.65	2.8	22	0.19
66202 (3418691)	0.24	0.16	0.06	0.14	0.78	0.23	1	<1	<0.05	<0.2	0.16	1.3	<10	<0.05
66203 (3418692)	2.31	1.96	1.00	0.88	0.92	1.91	<1	<1	0.57	<0.2	<0.05	2.6	<10	0.30
66204 (3418693)	1.16	0.72	0.23	6.55	9.16	0.97	2	<1	0.22	<0.2	1.88	0.5	56	0.10
66205 (3418694)	1.61	1.04	0.23	7.82	11.4	1.26	3	<1	0.32	<0.2	2.04	1.1	59	0.13
66206 (3418695)	1.45	0.81	0.36	7.10	8.49	1.47	2	<1	0.28	<0.2	1.92	3.5	56	0.11
66207 (3418696)	1.49	0.91	0.24	7.25	7.32	1.13	2	<1	0.30	<0.2	0.07	0.8	<10	0.13
66208 (3418697)	1.30	0.86	0.10	7.70	6.87	1.00	2	<1	0.25	<0.2	<0.05	0.6	<10	0.11
66209 (3418698)	1.23	0.75	0.15	6.96	6.49	0.98	2	<1	0.25	<0.2	<0.05	0.7	<10	0.11
66210 (3418699)	1.40	0.87	0.22	6.83	5.78	1.17	3	<1	0.28	<0.2	<0.05	1.4	<10	0.12
66211 (3418700)	1.59	1.07	0.17	7.46	9.06	1.37	3	<1	0.33	<0.2	0.11	2.0	<10	0.15
66212 (3418701)	1.44	0.89	0.16	7.46	8.76	1.32	2	<1	0.31	<0.2	0.11	1.7	<10	0.14
66213 (3418702)	1.44	0.93	0.48	6.25	9.71	1.17	3	<1	0.27	<0.2	1.56	1.0	45	0.15
66214 (3418703)	2.27	1.12	0.93	6.86	15.0	3.10	2	2	0.40	<0.2	2.42	18.1	87	0.16
66215 (3418704)	2.02	1.00	0.81	6.75	14.2	2.59	3	2	0.37	<0.2	2.44	13.7	84	0.13
66216 (3418705)	2.25	1.32	0.83	7.62	14.5	2.73	2	1	0.42	<0.2	2.92	10.5	96	0.20
66217 (3418706)	4.28	2.35	2.01	7.48	18.2	6.38	3	3	0.80	<0.2	1.16	35.8	36	0.34
66218 (3418707)	4.14	2.42	2.07	8.43	18.8	5.48	2	4	0.78	1.0	1.03	31.6	23	0.35
66219 (3418708)	4.04	2.39	2.02	11.5	17.7	4.95	2	3	0.83	0.5	0.71	27.4	12	0.44
66220 (3418709)	4.21	2.03	2.40	6.67	19.1	6.98	3	4	0.71	<0.2	2.02	49.1	36	0.26
66221 (3418710)	4.06	2.25	1.61	5.59	24.7	5.57	2	4	0.77	<0.2	3.04	41.5	41	0.33
66222 (3418711)	0.28	0.15	0.07	0.13	0.26	0.28	1	<1	0.05	<0.2	<0.05	1.6	<10	<0.05
66223 (3418712)	3.79	2.24	1.47	5.35	25.5	4.94	2	4	0.73	<0.2	3.23	35.9	62	0.33
66224 (3418713)	3.05	1.68	1.44	4.63	22.3	4.51	2	3	0.54	<0.2	2.29	33.5	55	0.25
66225 (3418714)	3.28	1.93	1.31	4.74	23.2	4.22	2	4	0.62	<0.2	2.52	31.3	55	0.28
66226 (3418715)	3.26	1.76	1.50	4.94	23.0	4.17	2	4	0.57	<0.2	2.54	32.8	58	0.27
66227 (3418716)	3.69	2.06	1.52	4.99	24.7	4.80	2	4	0.66	<0.2	2.66	35.0	53	0.29
66228 (3418717)	3.23	1.75	1.48	6.08	24.9	4.71	2	4	0.60	<0.2	2.39	33.6	60	0.23
66229 (3418718)	3.54	1.96	1.54	5.17	23.9	4.61	2	4	0.63	<0.2	2.29	32.7	53	0.29
66230 (3418719)	3.09	1.70	1.56	4.98	23.1	4.55	2	4	0.57	<0.2	2.31	34.6	53	0.26
66231 (3418720)	3.90	2.30	1.51	5.52	26.0	4.94	2	4	0.78	<0.2	2.67	36.0	62	0.34
66232 (3418721)	1.66	1.01	0.41	7.34	9.02	1.48	2	<1	0.33	<0.2	0.65	3.1	25	0.14

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852763

PROJECT: 2021 Surimeau DDH Batch 80

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Feb 17, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
66233 (3418722)	1.37	0.93	0.37	6.79	6.17	1.06	1	<1	0.29	<0.2	0.06	0.9	<10	0.13
66234 (3418723)	1.30	0.84	0.26	6.99	7.96	1.08	2	<1	0.23	<0.2	<0.05	0.6	<10	0.13
66235 (3418724)	1.96	1.18	0.38	6.88	7.19	1.60	2	<1	0.40	<0.2	<0.05	1.2	<10	0.15
66236 (3418725)	1.58	0.98	0.21	7.62	9.39	1.19	2	<1	0.31	<0.2	<0.05	0.9	<10	0.12
66237 (3418726)	1.29	0.87	0.18	7.55	9.32	1.16	2	<1	0.31	<0.2	<0.05	0.6	<10	0.13
66238 (3418727)	1.33	0.79	0.13	7.59	11.0	1.07	3	<1	0.26	<0.2	0.08	0.6	<10	0.13
66239 (3418728)	1.49	0.89	0.35	6.55	9.65	1.11	2	<1	0.30	<0.2	2.54	0.5	53	0.13
66240 (3418729)	1.26	0.76	0.28	6.69	9.30	0.97	3	<1	0.24	<0.2	1.54	0.4	35	0.12
66241 (3418730)	1.42	0.94	0.26	6.83	8.59	1.14	3	<1	0.30	<0.2	1.12	0.7	34	0.13
66242 (3418731)	1.51	0.98	0.29	6.77	8.81	1.19	3	<1	0.28	<0.2	1.26	0.7	36	0.15
66243 (3418732)	3.35	2.17	0.87	8.41	13.5	2.59	2	1	0.68	<0.2	0.28	2.5	16	0.35
66244 (3418733)	1.65	1.11	0.44	6.27	8.28	1.28	1	<1	0.34	<0.2	0.14	1.1	<10	0.19
66245 (3418734)	1.67	1.06	0.45	6.38	8.11	1.19	2	<1	0.34	<0.2	0.14	1.0	<10	0.16
66246 (3418735)	2.40	1.65	0.57	8.59	13.7	1.92	3	<1	0.49	<0.2	0.22	1.1	14	0.24
66247 (3418736)	1.85	1.31	0.42	7.16	9.80	1.47	2	<1	0.40	<0.2	0.41	0.9	18	0.18
66248 (3418737)	1.76	1.11	0.51	5.95	7.63	1.33	2	<1	0.36	<0.2	0.15	1.2	14	0.17
66249 (3418738)	1.26	0.83	0.89	6.74	7.07	0.96	2	<1	0.25	<0.2	<0.05	0.4	<10	0.11
66250 (3418739)	1.33	0.87	0.19	7.08	7.24	0.98	2	<1	0.27	<0.2	<0.05	0.5	<10	0.14

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852763

PROJECT: 2021 Surimeau DDH Batch 80

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Feb 17, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
66201 (3418690)	7.54	2760	<2	<1	3.9	1890	0.02	11	0.74	26.0	0.69	<0.1	34	15.4
66202 (3418691)	1.80	105	<2	<1	1.1	<5	<0.01	<5	0.25	3.4	0.57	<0.1	<5	5.88
66203 (3418692)	1.17	2770	<2	<1	3.8	48	<0.01	16	0.78	0.2	0.65	<0.1	<5	1.94
66204 (3418693)	11.8	1680	<2	<1	1.4	1080	0.01	6	0.24	87.4	0.19	<0.1	19	23.2
66205 (3418694)	12.1	1580	<2	<1	2.5	1110	0.01	8	0.45	100	0.46	<0.1	28	21.3
66206 (3418695)	12.1	1370	<2	<1	5.3	1230	0.03	5	1.15	90.2	0.40	<0.1	22	22.7
66207 (3418696)	14.1	1050	<2	<1	2.3	1240	<0.01	<5	0.40	2.1	0.88	<0.1	22	21.4
66208 (3418697)	16.0	1160	<2	<1	1.6	1260	<0.01	<5	0.25	1.1	0.50	<0.1	23	21.9
66209 (3418698)	15.3	1150	<2	<1	1.6	1280	<0.01	<5	0.31	0.8	0.49	<0.1	21	20.7
66210 (3418699)	14.3	1210	<2	<1	2.8	1170	0.02	<5	0.50	0.5	1.02	<0.1	20	20.7
66211 (3418700)	15.4	1130	<2	<1	3.3	1130	0.02	<5	0.66	4.9	1.09	<0.1	25	21.5
66212 (3418701)	15.2	1120	<2	<1	2.9	1140	0.02	<5	0.55	5.3	1.06	<0.1	25	21.4
66213 (3418702)	11.9	1290	<2	<1	2.7	1060	<0.01	8	0.51	74.3	0.29	0.1	18	23.8
66214 (3418703)	11.5	1290	7	2	19.3	886	0.09	7	4.95	118	0.11	<0.1	21	23.1
66215 (3418704)	11.7	1270	9	1	15.3	915	0.07	5	3.77	110	0.10	<0.1	21	23.6
66216 (3418705)	11.0	1290	<2	2	12.3	922	0.06	11	2.83	141	0.86	<0.1	28	22.9
66217 (3418706)	5.61	1350	<2	6	39.3	151	0.18	21	9.54	62.8	1.59	<0.1	30	23.9
66218 (3418707)	3.17	1030	2	6	33.6	193	0.11	29	8.29	45.4	3.57	0.1	24	24.6
66219 (3418708)	2.12	1180	6	5	27.9	478	0.07	34	7.09	23.0	5.79	<0.1	23	25.7
66220 (3418709)	5.74	1110	<2	6	54.8	218	0.22	23	13.5	90.0	3.31	0.1	25	23.7
66221 (3418710)	2.60	664	<2	7	40.7	130	0.10	15	10.2	149	2.90	<0.1	24	25.7
66222 (3418711)	1.10	106	<2	<1	1.2	8	<0.01	<5	0.31	0.4	0.61	<0.1	<5	5.14
66223 (3418712)	2.48	646	5	7	34.1	122	0.07	18	8.68	149	1.22	<0.1	23	27.0
66224 (3418713)	1.96	509	10	7	31.2	104	0.07	18	8.11	109	0.45	<0.1	18	27.2
66225 (3418714)	2.03	465	<2	7	30.6	112	0.06	16	7.77	109	0.42	0.1	19	28.2
66226 (3418715)	2.15	514	<2	7	31.0	116	0.06	15	8.00	114	0.53	<0.1	20	27.2
66227 (3418716)	2.20	559	<2	8	33.1	115	0.06	19	8.72	118	0.56	<0.1	20	26.3
66228 (3418717)	2.17	514	5	7	32.2	136	0.06	21	8.20	111	1.07	<0.1	21	25.5
66229 (3418718)	2.10	503	3	7	31.3	130	0.06	22	8.01	107	0.77	<0.1	20	27.0
66230 (3418719)	2.29	569	7	7	32.6	118	0.08	23	8.36	111	0.77	<0.1	20	28.1
66231 (3418720)	2.37	641	<2	7	33.2	128	0.07	22	8.82	125	0.40	<0.1	22	33.2
66232 (3418721)	11.7	1440	<2	<1	3.4	1050	0.01	<5	0.77	33.6	0.27	0.1	24	18.5

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852763

PROJECT: 2021 Surimeau DDH Batch 80

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Feb 17, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
66233 (3418722)	12.6	1320	<2	<1	2.0	1220	<0.01	<5	0.34	2.0	0.44	<0.1	19	18.6
66234 (3418723)	14.6	1170	<2	<1	1.7	1190	0.01	<5	0.30	1.0	0.30	<0.1	21	18.8
66235 (3418724)	13.8	1420	<2	<1	3.1	1050	0.08	<5	0.54	1.2	0.32	<0.1	22	18.7
66236 (3418725)	14.5	1190	<2	<1	2.3	1060	0.01	<5	0.42	1.4	0.36	<0.1	22	18.2
66237 (3418726)	14.8	1100	<2	<1	1.7	1100	<0.01	<5	0.31	1.3	0.29	<0.1	24	20.2
66238 (3418727)	15.0	1090	<2	<1	1.7	1160	<0.01	<5	0.33	4.4	0.45	<0.1	24	20.6
66239 (3418728)	12.7	909	<2	<1	2.1	873	<0.01	7	0.37	131	0.37	<0.1	20	21.8
66240 (3418729)	13.1	1080	<2	<1	1.4	1060	<0.01	<5	0.29	76.3	0.45	<0.1	20	21.8
66241 (3418730)	12.5	1430	<2	<1	2.0	1130	0.01	<5	0.33	54.0	0.43	<0.1	22	21.4
66242 (3418731)	12.7	1430	<2	<1	2.0	1150	0.02	<5	0.39	62.6	0.41	<0.1	22	21.6
66243 (3418732)	4.81	3400	<2	1	4.4	1600	0.06	11	0.78	4.8	0.39	<0.1	43	14.6
66244 (3418733)	5.75	2390	<2	<1	2.2	943	<0.01	8	0.37	0.9	0.28	<0.1	23	16.1
66245 (3418734)	6.00	2370	<2	<1	2.2	955	<0.01	8	0.41	0.8	0.28	<0.1	24	16.5
66246 (3418735)	8.46	1970	<2	1	3.0	946	0.02	<5	0.51	1.1	0.15	0.1	39	21.0
66247 (3418736)	9.94	1930	<2	<1	2.3	1280	0.01	<5	0.41	13.9	0.23	<0.1	30	20.1
66248 (3418737)	11.1	1800	<2	<1	2.0	1160	<0.01	<5	0.39	5.1	0.31	<0.1	26	15.6
66249 (3418738)	13.3	1160	<2	<1	1.6	1340	<0.01	<5	0.27	0.6	0.52	<0.1	21	20.4
66250 (3418739)	14.3	1070	<2	<1	1.7	1230	<0.01	14	0.26	0.7	0.43	<0.1	23	20.5

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852763

PROJECT: 2021 Surimeau DDH Batch 80

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Feb 17, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
66201 (3418690)	1.2	2	221	<0.5	0.28	0.2	0.25	<0.5	0.20	0.06	208	<1	13.5	1.4
66202 (3418691)	0.2	<1	72.8	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.78	<5	<1	2.4	0.1
66203 (3418692)	1.1	<1	839	<0.5	0.28	<0.1	<0.01	<0.5	0.28	<0.05	18	<1	21.5	2.1
66204 (3418693)	0.5	2	73.1	<0.5	0.15	<0.1	0.15	1.0	0.10	0.12	130	<1	6.1	0.7
66205 (3418694)	0.9	1	43.6	<0.5	0.24	<0.1	0.22	1.1	0.13	0.08	177	<1	8.6	1.0
66206 (3418695)	1.3	2	49.4	<0.5	0.21	0.5	0.20	1.0	0.11	0.18	136	<1	7.3	0.8
66207 (3418696)	0.8	1	38.2	<0.5	0.20	<0.1	0.18	<0.5	0.13	<0.05	130	<1	7.8	0.9
66208 (3418697)	0.6	1	45.2	<0.5	0.18	<0.1	0.17	<0.5	0.11	<0.05	128	<1	7.1	0.8
66209 (3418698)	0.6	1	68.0	<0.5	0.16	<0.1	0.15	<0.5	0.10	<0.05	120	<1	7.0	0.7
66210 (3418699)	0.9	1	98.4	<0.5	0.20	<0.1	0.15	<0.5	0.12	<0.05	118	<1	7.7	0.8
66211 (3418700)	1.0	1	30.9	<0.5	0.23	0.2	0.21	<0.5	0.14	0.08	146	<1	8.5	1.0
66212 (3418701)	0.9	1	30.7	<0.5	0.23	0.2	0.20	<0.5	0.13	0.08	145	<1	8.3	0.9
66213 (3418702)	0.9	4	59.4	<0.5	0.21	<0.1	0.15	1.0	0.14	0.07	128	<1	8.2	0.9
66214 (3418703)	4.0	4	72.2	<0.5	0.37	2.7	0.24	1.5	0.14	0.76	183	<1	11.0	1.1
66215 (3418704)	3.1	3	67.0	<0.5	0.33	2.0	0.22	1.5	0.14	0.72	166	<1	9.5	1.0
66216 (3418705)	2.8	3	281	<0.5	0.37	1.8	0.28	2.3	0.19	0.51	191	<1	12.1	1.3
66217 (3418706)	8.0	5	782	<0.5	0.74	5.7	0.47	1.2	0.31	1.82	224	<1	21.2	2.2
66218 (3418707)	6.7	6	648	<0.5	0.74	7.1	0.38	0.9	0.34	2.20	154	<1	21.4	2.4
66219 (3418708)	5.9	7	499	<0.5	0.63	6.6	0.33	<0.5	0.36	2.06	134	<1	22.4	2.8
66220 (3418709)	9.9	5	814	<0.5	0.79	8.8	0.47	1.8	0.27	2.36	194	<1	19.2	1.8
66221 (3418710)	7.2	3	317	<0.5	0.72	8.5	0.41	2.5	0.30	2.43	175	<1	20.7	2.2
66222 (3418711)	0.3	<1	76.7	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.13	<5	<1	2.6	0.1
66223 (3418712)	6.4	3	261	<0.5	0.64	8.3	0.40	2.3	0.30	2.38	165	<1	21.1	2.2
66224 (3418713)	5.5	2	172	<0.5	0.52	7.4	0.34	1.3	0.23	2.23	128	<1	15.5	1.6
66225 (3418714)	5.7	3	127	<0.5	0.58	8.3	0.36	1.2	0.24	2.44	133	5	16.6	1.7
66226 (3418715)	5.6	3	169	<0.5	0.54	7.6	0.36	1.4	0.24	2.22	140	<1	16.0	1.8
66227 (3418716)	5.7	2	188	<0.5	0.61	7.8	0.38	1.3	0.29	2.21	145	<1	19.3	1.9
66228 (3418717)	5.7	3	257	<0.5	0.58	8.0	0.37	1.2	0.24	2.37	145	<1	15.9	1.7
66229 (3418718)	5.5	3	202	<0.5	0.56	7.5	0.36	1.0	0.26	2.29	142	<1	18.1	1.8
66230 (3418719)	5.8	3	209	<0.5	0.56	7.7	0.37	0.9	0.23	2.37	142	<1	16.0	1.7
66231 (3418720)	5.9	2	242	<0.5	0.66	8.7	0.42	0.9	0.31	2.73	155	<1	22.2	2.3
66232 (3418721)	1.1	1	178	<0.5	0.24	0.3	0.20	<0.5	0.15	0.09	141	<1	8.9	1.0

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852763

PROJECT: 2021 Surimeau DDH Batch 80

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Feb 17, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
66233 (3418722)	0.8	<1	183	<0.5	0.20	<0.1	0.15	<0.5	0.13	<0.05	113	<1	7.7	0.9
66234 (3418723)	0.6	1	133	<0.5	0.18	<0.1	0.18	<0.5	0.11	<0.05	128	<1	7.0	0.8
66235 (3418724)	1.2	1	219	<0.5	0.27	<0.1	0.18	<0.5	0.16	<0.05	122	<1	10.2	1.0
66236 (3418725)	0.8	<1	120	<0.5	0.20	0.1	0.19	<0.5	0.13	<0.05	137	<1	7.6	0.9
66237 (3418726)	0.7	1	31.8	<0.5	0.21	<0.1	0.20	<0.5	0.12	<0.05	135	<1	7.6	0.9
66238 (3418727)	0.6	1	23.5	<0.5	0.19	<0.1	0.21	<0.5	0.12	0.06	137	<1	7.1	0.9
66239 (3418728)	0.8	1	27.7	<0.5	0.21	<0.1	0.16	1.6	0.13	0.05	129	4	7.7	0.9
66240 (3418729)	0.6	1	26.7	<0.5	0.16	<0.1	0.16	1.0	0.10	0.06	123	<1	6.8	0.7
66241 (3418730)	0.7	1	39.2	<0.5	0.19	<0.1	0.17	0.6	0.13	0.07	127	<1	8.1	0.9
66242 (3418731)	0.7	2	37.9	<0.5	0.22	<0.1	0.17	0.7	0.14	0.06	128	<1	8.7	0.9
66243 (3418732)	1.5	5	375	<0.5	0.43	<0.1	0.31	<0.5	0.29	0.24	261	<1	20.8	2.2
66244 (3418733)	0.8	2	316	<0.5	0.24	<0.1	0.18	<0.5	0.15	<0.05	140	<1	10.7	1.1
66245 (3418734)	0.7	2	309	<0.5	0.22	<0.1	0.19	<0.5	0.14	<0.05	142	<1	11.1	1.1
66246 (3418735)	1.5	5	60.6	<0.5	0.36	<0.1	0.31	<0.5	0.23	0.23	237	<1	13.9	1.5
66247 (3418736)	0.9	3	128	<0.5	0.23	<0.1	0.23	<0.5	0.15	0.08	168	<1	11.0	1.2
66248 (3418737)	0.8	1	251	<0.5	0.23	<0.1	0.19	<0.5	0.14	<0.05	143	<1	9.7	1.1
66249 (3418738)	0.6	1	52.3	<0.5	0.16	<0.1	0.17	<0.5	0.11	<0.05	121	<1	6.6	0.8
66250 (3418739)	0.7	<1	38.6	<0.5	0.17	<0.1	0.16	<0.5	0.12	<0.05	127	<1	7.1	0.8

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852763

PROJECT: 2021 Surimeau DDH Batch 80

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Feb 17, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
66201 (3418690)	85	23.5
66202 (3418691)	6	2.5
66203 (3418692)	10	1.2
66204 (3418693)	73	14.3
66205 (3418694)	91	21.9
66206 (3418695)	67	25.4
66207 (3418696)	51	16.5
66208 (3418697)	60	15.3
66209 (3418698)	56	14.7
66210 (3418699)	50	14.2
66211 (3418700)	68	23.7
66212 (3418701)	69	19.1
66213 (3418702)	199	12.1
66214 (3418703)	257	80.0
66215 (3418704)	239	57.1
66216 (3418705)	180	43.7
66217 (3418706)	248	125
66218 (3418707)	3260	134
66219 (3418708)	1970	122
66220 (3418709)	149	134
66221 (3418710)	88	139
66222 (3418711)	<5	2.7
66223 (3418712)	127	134
66224 (3418713)	255	127
66225 (3418714)	166	144
66226 (3418715)	178	129
66227 (3418716)	125	131
66228 (3418717)	154	134
66229 (3418718)	239	140
66230 (3418719)	250	139
66231 (3418720)	157	154
66232 (3418721)	59	27.2

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852763

PROJECT: 2021 Surimeau DDH Batch 80

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Feb 17, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
66233 (3418722)	49	14.9
66234 (3418723)	48	15.8
66235 (3418724)	44	15.8
66236 (3418725)	59	19.5
66237 (3418726)	63	15.3
66238 (3418727)	75	18.2
66239 (3418728)	80	12.7
66240 (3418729)	80	13.4
66241 (3418730)	69	14.7
66242 (3418731)	70	17.1
66243 (3418732)	92	34.9
66244 (3418733)	56	18.9
66245 (3418734)	54	19.2
66246 (3418735)	91	29.6
66247 (3418736)	69	21.8
66248 (3418737)	51	19.1
66249 (3418738)	53	17.4
66250 (3418739)	54	20.1

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852763

PROJECT: 2021 Surimeau DDH Batch 80

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Feb 17, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Crush-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
66201 (3418690)	78.18
66220 (3418709)	81.56
66240 (3418729)	82.28

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852763

PROJECT: 2021 Surimeau DDH Batch 80

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Feb 17, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Pul-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
66201 (3418690)	87.62
66220 (3418709)	86.27
66240 (3418729)	87.85

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	3418690	< 1	< 1	0.0%	3418704	< 1	< 1	0.0%	3418715	< 1	< 1	0.0%	3418730	< 1	< 1	0.0%
Al	3418690	3.89	3.82	1.8%	3418704	4.08	3.98	2.5%	3418715	9.14	9.04	1.1%	3418730	3.18	3.12	1.9%
As	3418690	< 5	< 5	0.0%	3418704	< 5	< 5	0.0%	3418715	< 5	< 5	0.0%	3418730	< 5	< 5	0.0%
B	3418690	<20	<20	0%	3418704	<20	<20	0%	3418715	<20	<20	0%	3418730	<20	<20	0%
Ba	3418690	51.4	45.0	13.4%	3418704	629	622	1.1%	3418715	558	551	1.1%	3418730	220	222	1.2%
Be	3418690	<5	<5	0%	3418704	<5	<5	0%	3418715	<5	<5	0%	3418730	<5	<5	0%
Bi	3418690	1.1	1.2	8.7%	3418704	0.29	0.24	18.9%	3418715	0.4	0.4	0.0%	3418730	0.54	0.67	21.5%
Ca	3418690	14.4	14.5	1%	3418704	6.26	6.15	1.8%	3418715	1.14	1.15	0.7%	3418730	5.75	5.69	1.1%
Cd	3418690	< 0.2	< 0.2	0.0%	3418704	< 0.2	< 0.2	0.0%	3418715	0.3	0.3	0.0%	3418730	< 0.2	< 0.2	0.0%
Ce	3418690	5.71	5.78	1.2%	3418704	30.5	29.7	2.7%	3418715	68.1	65.5	3.9%	3418730	2.1	2.1	0.0%
Co	3418690	133	131	1.5%	3418704	72.8	76.4	4.8%	3418715	29.3	30.0	2.4%	3418730	91.8	92.3	0.5%
Cr	3418690	0.340	0.338	0.6%	3418704	0.150	0.146	2.7%	3418715	0.040	0.039	4%	3418730	0.219	0.223	2%
Cs	3418690	4.26	3.80	11.4%	3418704	16.1	15.9	1.3%	3418715	5.6	5.6	0.0%	3418730	12.0	12.2	1.7%
Cu	3418690	81	79	2.5%	3418704	<5	<5	0%	3418715	61	57	6.8%	3418730	58	60	3.7%
Dy	3418690	2.17	2.12	2.3%	3418704	2.02	1.98	2.0%	3418715	3.26	3.39	3.9%	3418730	1.42	1.49	4.8%
Er	3418690	1.39	1.46	4.9%	3418704	1.00	1.06	5.8%	3418715	1.76	1.78	1.1%	3418730	0.94	0.98	4.2%
Eu	3418690	0.76	0.76	0.0%	3418704	0.81	0.81	0.0%	3418715	1.50	1.43	4.8%	3418730	0.26	0.29	10.9%
Fe	3418690	8.26	8.12	1.8%	3418704	6.75	6.62	2%	3418715	4.94	4.90	0.7%	3418730	6.83	6.72	1.5%
Ga	3418690	11.4	10.8	5.4%	3418704	14.2	15.1	6.1%	3418715	23.0	22.6	1.8%	3418730	8.59	8.75	1.8%
Gd	3418690	1.92	1.90	1.0%	3418704	2.59	2.65	2.3%	3418715	4.17	4.26	2.1%	3418730	1.14	1.16	1.7%
Ge	3418690	2	2	0.0%	3418704	3	3	0.0%	3418715	2	2	0.0%	3418730	3	2	
Hf	3418690	< 1	< 1	0.0%	3418704	2	2	0.0%	3418715	4	4	0.0%	3418730	< 1	< 1	0.0%
Ho	3418690	0.432	0.467	7.8%	3418704	0.37	0.35	5.6%	3418715	0.569	0.587	3.1%	3418730	0.30	0.29	3.4%
In	3418690	< 0.2	< 0.2	0.0%	3418704	< 0.2	0.3		3418715	< 0.2	< 0.2	0.0%	3418730	< 0.2	< 0.2	0.0%
K	3418690	0.65	0.57	11.8%	3418704	2.44	2.38	2.1%	3418715	2.54	2.54	0.3%	3418730	1.12	1.13	0.7%
La	3418690	2.84	2.99	5.1%	3418704	13.7	13.3	3.0%	3418715	32.8	31.6	3.7%	3418730	0.7	0.7	0.0%
Li	3418690	22	20	10.5%	3418704	84	85	1.6%	3418715	58	57	1.8%	3418730	34	34	0.5%
Lu	3418690	0.19	0.20	5.1%	3418704	0.13	0.15	14.3%	3418715	0.265	0.262	1.1%	3418730	0.129	0.120	7.2%
Mg	3418690	7.54	7.67	1.8%	3418704	11.7	11.6	1.1%	3418715	2.15	2.14	0.2%	3418730	12.5	12.7	2%
Mn	3418690	2760	2760	0.1%	3418704	1270	1240	2.7%	3418715	514	509	1.1%	3418730	1430	1420	1.2%
Mo	3418690	< 2	< 2	0.0%	3418704	9	8	11.8%	3418715	< 2	< 2	0.0%	3418730	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Nb	3418690	< 1	< 1	0.0%	3418704	1	1	0.0%	3418715	7	7	0.0%	3418730	< 1	< 1	0.0%
Nd	3418690	3.87	4.16	7.2%	3418704	15.3	14.9	2.6%	3418715	31.0	29.4	5.3%	3418730	2.0	2.0	0.0%
Ni	3418690	1890	1900	0.6%	3418704	915	910	0.6%	3418715	116	116	0.4%	3418730	1130	1160	2.6%
P	3418690	0.02	0.02	9.2%	3418704	0.07	0.07	2.1%	3418715	0.06	0.05	6.6%	3418730	0.01	<0.01	0%
Pb	3418690	11	10	9.5%	3418704	5	6	18.2%	3418715	15	16	6.5%	3418730	< 5	< 5	0.0%
Pr	3418690	0.74	0.80	7.8%	3418704	3.77	3.71	1.6%	3418715	8.00	7.65	4.5%	3418730	0.331	0.338	2.1%
Rb	3418690	26.0	25.0	3.9%	3418704	110	115	4.4%	3418715	114	115	0.9%	3418730	54.0	54.2	0.4%
S	3418690	0.69	0.68	2%	3418704	0.10	0.10	3%	3418715	0.53	0.51	3.6%	3418730	0.43	0.44	2.9%
Sb	3418690	< 0.1	< 0.1	0.0%	3418704	< 0.1	< 0.1	0.0%	3418715	< 0.1	< 0.1	0.0%	3418730	< 0.1	< 0.1	0.0%
Sc	3418690	34	33	1.3%	3418704	21	20	0.7%	3418715	20	20	0.2%	3418730	22	22	0.8%
Si	3418690	15.4	15.3	0.4%	3418704	23.6	23.1	2.1%	3418715	27.2	26.6	2.3%	3418730	21.4	21.2	1%
Sm	3418690	1.2	1.4	15.4%	3418704	3.1	3.1	0.0%	3418715	5.6	5.6	0.0%	3418730	0.7	0.7	0.0%
Sn	3418690	2	2	0.0%	3418704	3	4	28.6%	3418715	3	2		3418730	1	2	
Sr	3418690	221	223	1%	3418704	67.0	66.1	1.4%	3418715	169	170	0.7%	3418730	39.2	39.6	1%
Ta	3418690	< 0.5	< 0.5	0.0%	3418704	< 0.5	< 0.5	0.0%	3418715	< 0.5	< 0.5	0.0%	3418730	< 0.5	< 0.5	0.0%
Tb	3418690	0.284	0.312	9.4%	3418704	0.33	0.32	3.1%	3418715	0.54	0.54	0.0%	3418730	0.193	0.196	1.5%
Th	3418690	0.2	0.1		3418704	2.01	2.07	2.9%	3418715	7.6	7.3	4.0%	3418730	< 0.1	< 0.1	0.0%
Ti	3418690	0.25	0.24	1.4%	3418704	0.22	0.22	2.1%	3418715	0.36	0.36	1.2%	3418730	0.17	0.17	0.2%
Tl	3418690	< 0.5	< 0.5	0.0%	3418704	1.5	1.5	0.0%	3418715	1.43	1.49	4.1%	3418730	0.65	0.68	4.5%
Tm	3418690	0.20	0.19	5.1%	3418704	0.14	0.13	7.4%	3418715	0.243	0.247	1.6%	3418730	0.13	0.13	0.0%
U	3418690	0.063	0.073	14.7%	3418704	0.715	0.604	16.8%	3418715	2.22	2.16	2.7%	3418730	0.07	< 0.05	
V	3418690	208	207	0.3%	3418704	166	164	1.1%	3418715	140	140	0.3%	3418730	127	127	0.1%
W	3418690	< 1	< 1	0.0%	3418704	< 1	< 1	0.0%	3418715	< 1	< 1	0.0%	3418730	< 1	< 1	0.0%
Y	3418690	13.5	13.7	1.5%	3418704	9.53	9.96	4.4%	3418715	16.0	16.7	4.3%	3418730	8.1	8.0	1.2%
Yb	3418690	1.41	1.46	3.5%	3418704	1.0	1.0	0.0%	3418715	1.8	1.8	0.0%	3418730	0.9	0.9	0.0%
Zn	3418690	85	81	4.9%	3418704	239	241	0.8%	3418715	178	174	2.6%	3418730	69	68	1.6%
Zr	3418690	23.5	23.2	1.3%	3418704	57.1	59.0	3.3%	3418715	129	130	0.8%	3418730	14.7	15.3	4.0%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 22O852763

PROJECT: 2021 Surimeau DDH Batch 80

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.Till-2)				CRM #2 (ref.CGL-015)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.CGL-015)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	8.47	8.01	95%	80% - 120%					6.94	7.00	101%	80% - 120%	13.0	12.0	92%	80% - 120%
As	26	24	94%	80% - 120%												
Ba	540.0	516	96%	80% - 120%									1310.0	1290	99%	80% - 120%
Be	4.0	3.86	97%	80% - 120%												
Ca	0.907	0.875	97%	80% - 120%					4.01	4.05	101%	80% - 120%	1.42	1.31	93%	80% - 120%
Ce	98	108	110%	80% - 120%	58.2	67.3	116%	80% - 120%								
Co	15	14	95%	80% - 120%												
Cr	74.0	73.2	99%	80% - 120%									25.6	24.9	97%	80% - 120%
Cu	150.0	147	98%	80% - 120%					88.6	86.6	98%	80% - 120%				
Er	3.7	4.1	110%	80% - 120%												
Fe	3.77	3.75	99%	80% - 120%					7.56	7.95	105%	80% - 120%	3.27	3.09	94%	80% - 120%
Ga					22.6	22.9	101%	80% - 120%								
Hf	11	10	92%	80% - 120%												
K	2.55	2.39	94%	80% - 120%					2.02	2.03	100%	80% - 120%	3.68	3.47	94%	80% - 120%
La	44	47	108%	80% - 120%	27.5	31.7	115%	80% - 120%								
Li	47.0	45.8	97%	80% - 120%									65.0	64.0	99%	80% - 120%
Lu	0.6	0.6	97%	80% - 120%												
Mg	1.1	1.05	95%	80% - 120%					2.41	2.47	103%	80% - 120%				
Mn	780.0	800	103%	80% - 120%					1510.0	1450	96%	80% - 120%				
Mo	14	12	86%	80% - 120%												
Nb	20	19	93%	80% - 120%	22.6	23.6	104%	80% - 120%								
Nd					27.3	30.1	110%	80% - 120%								
Ni	32.0	37.7	118%	80% - 120%												
P													0.061	0.060	98%	80% - 120%
Pb	31	33	107%	80% - 120%												
Rb	144	142	99%	80% - 120%	85.4	91.6	107%	80% - 120%								
Sb	0.8	0.9	109%	80% - 120%												
Sc	12.0	11.8	99%	80% - 120%												
Si									23.65	24.8	105%	80% - 120%	24.4	23.6	97%	80% - 120%
Sm	7.4	8.2	111%	80% - 120%												
Sr	144.0	158	109%	80% - 120%									310.0	292	94%	80% - 120%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Ta	1.9	2	104%	80% - 120%												
Tb	1.2	1.2	97%	80% - 120%												
Th	18.4	18.1	98%	80% - 120%												
Ti	0.527	0.478	91%	80% - 120%									0.222	0.190	85%	80% - 120%
U	5.7	5.2	91%	80% - 120%												
V	77.0	77.7	101%	80% - 120%												
W	5	4	87%	80% - 120%												
Y	40	36	91%	80% - 120%	25.3	26.1	103%	80% - 120%								
Yb					2.66	3.19	120%	80% - 120%								
Zn	130.0	125	96%	80% - 120%									75.42	82.3	109%	80% - 120%
Zr	390	378	97%	80% - 120%	157	173	110%	80% - 120%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O852763

PROJECT: 2021 Surimeau DDH Batch 80

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O852763

PROJECT: 2021 Surimeau DDH Batch 80

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O852763

PROJECT: 2021 Surimeau DDH Batch 80

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Crush-Pass %			BALANCE
Pul-Pass %			BALANCE

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 81

AGAT WORK ORDER: 22O852764

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Mar 15, 2022

PAGES (INCLUDING COVER): 23

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

Disclaimer:

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project Manager if you require additional sample storage time.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
- The test results reported herewith relate only to the samples as received by the laboratory.
- Measurement Uncertainty is not taken into consideration when stating conformity with a specified requirement.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852764

PROJECT: 2021 Surimeau DDH Batch 81

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
66251 (3418793)	3.190
66252 (3418794)	1.200
66253 (3418795)	3.050
66254 (3418796)	3.320
66255 (3418797)	0.040
66256 (3418798)	3.130
66257 (3418799)	3.220
66258 (3418800)	3.060
66259 (3418801)	2.940
66260 (3418802)	3.250
66261c-dup (3418803)	-
66262 (3418804)	2.270
66263 (3418805)	1.800
66264 (3418806)	1.750
66265 (3418807)	1.190
66266 (3418808)	2.200
66267 (3418809)	3.130
66268 (3418810)	2.900
66269 (3418811)	2.280
66270 (3418812)	3.100
66271 (3418813)	2.810
66272 (3418814)	1.230
66273 (3418815)	2.950
66274 (3418816)	3.000
66275 (3418817)	3.010
66276 (3418818)	2.510
66277 (3418819)	2.390
66278 (3418820)	2.990
66279 (3418821)	2.410
66280 (3418822)	2.260
66281 (3418823)	2.270

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852764

PROJECT: 2021 Surimeau DDH Batch 81

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
66282 (3418824)	2.630
66283 (3418825)	3.000
66284 (3418826)	3.390
66285 (3418827)	2.180
66286 (3418828)	1.710
66287 (3418829)	0.700
66288 (3418830)	2.210
66289 (3418831)	2.460
66290 (3418832)	2.290
66291 (3418833)	2.790
66292 (3418834)	1.400
66293 (3418835)	3.560
66294 c-dup (3418836)	-
66295 (3418837)	1.520
66296 (3418838)	1.970
66297 (3418839)	1.060
66298 (3418840)	2.040
66299 (3418841)	2.830
66300 (3418842)	1.990

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852764

PROJECT: 2021 Surimeau DDH Batch 81

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
66251 (3418793)	<1	3.27	<5	<20	1.7	<5	0.4	5.75	<0.2	1.9	92.2	0.208	0.2	50
66252 (3418794)	<1	0.05	<5	<20	12.0	<5	<0.1	32.7	<0.2	0.8	<0.5	<0.005	<0.1	<5
66253 (3418795)	<1	3.07	<5	<20	8.2	<5	0.3	8.43	<0.2	1.8	83.9	0.189	0.5	49
66254 (3418796)	<1	2.92	<5	<20	2.1	<5	0.6	4.98	<0.2	1.6	93.1	0.200	0.2	34
66255 (3418797)	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS
66256 (3418798)	<1	3.14	<5	<20	1.4	<5	0.5	5.68	<0.2	1.5	97.0	0.217	0.3	63
66257 (3418799)	<1	4.42	<5	<20	130	<5	1.8	10.5	<0.2	3.9	125	0.302	0.3	51
66258 (3418800)	<1	5.85	<5	<20	64.2	<5	0.6	6.97	<0.2	4.4	157	0.402	<0.1	246
66259 (3418801)	<1	6.51	<5	<20	83.0	<5	0.6	6.87	<0.2	3.8	170	0.391	0.4	74
66260 (3418802)	<1	4.33	<5	<20	91.1	<5	0.6	7.58	<0.2	2.6	122	0.380	4.4	<5
66261c-dup (3418803)	<1	6.11	<5	<20	107	<5	0.3	8.25	0.2	3.0	125	0.380	0.9	<5
66262 (3418804)	<1	6.01	<5	<20	102	<5	0.3	8.08	<0.2	3.1	117	0.372	0.8	<5
66263 (3418805)	<1	6.60	<5	<20	348	<5	0.4	5.73	<0.2	3.6	131	0.424	5.5	7
66264 (3418806)	<1	6.53	<5	<20	119	<5	0.4	4.82	0.2	3.7	119	0.355	1.6	59
66265 (3418807)	<1	6.73	<5	<20	150	<5	0.4	5.02	<0.2	3.5	125	0.388	2.1	73
66266 (3418808)	<1	5.83	<5	<20	58.9	<5	0.1	7.09	<0.2	4.0	116	0.369	<0.1	<5
66267 (3418809)	<1	5.61	<5	<20	52.1	<5	0.2	7.35	<0.2	3.6	124	0.330	0.2	5
66268 (3418810)	<1	3.69	<5	<20	204	<5	0.3	5.51	<0.2	1.5	87.7	0.231	16.3	114
66269 (3418811)	<1	5.24	<5	<20	96.5	<5	0.5	7.74	<0.2	3.0	114	0.305	4.2	51
66270 (3418812)	<1	5.47	<5	<20	32.0	<5	0.5	8.07	0.2	3.7	181	0.341	<0.1	114
66271 (3418813)	<1	6.30	<5	<20	56.3	<5	0.4	7.78	<0.2	4.9	177	0.359	<0.1	77
66272 (3418814)	<1	0.27	<5	<20	30.2	<5	<0.1	33.1	<0.2	1.1	<0.5	<0.005	<0.1	<5
66273 (3418815)	<1	5.56	<5	<20	70.9	<5	0.4	8.84	<0.2	4.4	148	0.349	<0.1	89
66274 (3418816)	<1	5.90	<5	<20	94.7	<5	0.4	7.67	<0.2	4.4	134	0.356	<0.1	108
66275 (3418817)	<1	6.35	<5	<20	243	<5	0.2	6.90	<0.2	15.0	166	0.320	<0.1	108
66276 (3418818)	1	5.78	<5	<20	126	<5	0.9	8.08	<0.2	4.9	192	0.461	<0.1	134
66277 (3418819)	<1	6.04	<5	<20	121	<5	0.2	7.87	<0.2	5.1	216	0.344	<0.1	68
66278 (3418820)	2	5.33	<5	<20	187	<5	0.7	9.24	<0.2	5.8	173	0.404	<0.1	77
66279 (3418821)	<1	5.55	<5	<20	113	<5	1.7	9.11	0.3	4.8	195	0.365	<0.1	137
66280 (3418822)	1	5.81	<5	<20	116	<5	1.8	8.25	0.2	5.7	188	0.385	<0.1	199
66281 (3418823)	<1	6.15	<5	<20	356	<5	1.5	8.47	<0.2	35.4	145	0.247	0.6	57
66282 (3418824)	2	5.64	<5	<20	95.0	<5	1.8	6.86	0.3	7.5	165	0.373	0.2	96

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852764

PROJECT: 2021 Surimeau DDH Batch 81

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
66283 (3418825)	2	5.27	<5	<20	180	<5	1.1	6.82	0.2	4.4	157	0.370	2.0	77
66284 (3418826)	<1	5.48	<5	<20	117	<5	1.1	7.33	<0.2	3.8	178	0.405	0.4	88
66285 (3418827)	<1	6.15	<5	<20	89.5	<5	1.0	7.33	0.2	5.8	206	0.433	<0.1	82
66286 (3418828)	<1	5.86	<5	<20	67.7	<5	1.0	7.12	<0.2	5.5	174	0.459	0.2	139
66287 (3418829)	<1	4.79	<5	<20	410	<5	0.7	4.47	0.6	4.2	144	0.297	16.4	129
66288 (3418830)	<1	2.73	<5	<20	142	<5	0.4	5.72	0.4	1.7	85.6	0.176	9.2	64
66289 (3418831)	1	3.04	<5	<20	71.5	<5	0.3	5.62	<0.2	1.4	84.3	0.205	5.3	66
66290 (3418832)	<1	2.74	<5	<20	219	<5	0.2	7.60	<0.2	1.9	86.3	0.177	11.5	11
66291 (3418833)	<1	4.91	<5	<20	280	<5	0.5	7.52	<0.2	3.1	130	0.399	3.9	43
66292 (3418834)	<1	5.22	<5	<20	307	<5	0.6	7.05	<0.2	3.3	140	0.453	4.2	69
66293 (3418835)	<1	5.96	<5	<20	224	<5	0.5	6.87	<0.2	3.6	164	0.436	2.2	153
66294 c-dup (3418836)	<1	6.33	<5	<20	167	<5	0.6	6.41	<0.2	5.2	173	0.424	0.1	232
66295 (3418837)	<1	6.24	<5	<20	513	<5	0.5	5.83	<0.2	3.6	146	0.405	2.4	214
66296 (3418838)	<1	6.22	<5	<20	334	<5	0.7	7.52	<0.2	6.2	158	0.433	0.1	706
66297 (3418839)	3	7.44	<5	<20	94.5	<5	1.4	1.45	52.2	50.6	180	0.021	<0.1	989
66298 (3418840)	2	8.31	<5	<20	125	<5	0.6	2.10	6.4	55.3	61.6	0.029	<0.1	478
66299 (3418841)	<1	8.51	<5	<20	161	<5	0.2	2.67	<0.2	59.1	25.3	0.031	<0.1	281
66300 (3418842)	<1	8.15	<5	<20	191	<5	0.6	2.25	4.0	48.6	39.1	0.030	0.1	259

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852764

PROJECT: 2021 Surimeau DDH Batch 81

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
66251 (3418793)	1.44	0.97	0.17	7.37	7.40	1.22	1	<1	0.32	<0.2	<0.05	0.7	<10	0.13
66252 (3418794)	0.20	0.18	0.05	0.10	0.18	0.13	1	<1	0.06	<0.2	<0.05	1.0	<10	<0.05
66253 (3418795)	1.21	0.84	0.29	6.81	7.00	0.93	1	<1	0.29	<0.2	<0.05	0.8	<10	0.11
66254 (3418796)	1.41	0.80	0.18	7.18	6.79	0.93	2	<1	0.28	<0.2	<0.05	0.4	<10	0.11
66255 (3418797)	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS
66256 (3418798)	1.22	0.81	0.17	7.19	7.06	0.85	2	<1	0.25	<0.2	<0.05	0.5	<10	0.12
66257 (3418799)	2.24	1.38	0.61	7.57	10.6	1.72	2	<1	0.48	<0.2	0.16	1.7	16	0.21
66258 (3418800)	2.80	1.74	0.58	9.18	14.9	2.13	2	<1	0.56	<0.2	0.10	1.9	10	0.28
66259 (3418801)	2.72	1.71	0.51	7.13	16.4	2.03	2	<1	0.55	<0.2	0.14	1.6	11	0.23
66260 (3418802)	2.03	1.21	0.52	7.83	12.3	1.47	2	<1	0.42	<0.2	0.66	1.0	45	0.18
66261c-dup (3418803)	2.87	1.98	0.61	9.58	15.3	2.15	2	1	0.61	<0.2	0.31	1.1	31	0.27
66262 (3418804)	2.91	1.76	0.60	9.38	15.4	2.18	2	<1	0.61	<0.2	0.31	1.1	31	0.26
66263 (3418805)	2.90	2.06	0.57	8.88	16.2	2.32	2	<1	0.65	<0.2	0.85	1.4	72	0.29
66264 (3418806)	2.50	1.75	0.51	6.76	13.7	2.14	1	1	0.53	<0.2	0.26	1.3	26	0.23
66265 (3418807)	2.89	1.82	0.51	7.20	14.6	2.14	2	1	0.57	<0.2	0.36	1.3	30	0.25
66266 (3418808)	2.86	2.03	0.71	8.74	14.7	2.42	1	1	0.67	<0.2	0.07	1.4	<10	0.21
66267 (3418809)	2.68	1.63	0.60	8.26	16.0	1.87	2	<1	0.53	<0.2	0.14	1.4	13	0.23
66268 (3418810)	1.50	0.96	0.16	7.50	9.10	1.07	2	<1	0.31	<0.2	2.22	0.4	104	0.10
66269 (3418811)	2.11	1.26	0.62	8.28	11.9	1.58	2	<1	0.49	<0.2	0.59	1.1	46	0.20
66270 (3418812)	2.58	1.79	0.56	9.33	13.5	1.62	<1	<1	0.54	<0.2	<0.05	1.7	12	0.23
66271 (3418813)	2.71	1.64	0.71	6.74	11.9	2.31	1	<1	0.60	<0.2	<0.05	1.9	15	0.24
66272 (3418814)	0.32	0.36	0.05	0.08	0.82	0.38	1	<1	0.09	<0.2	<0.05	1.2	<10	<0.05
66273 (3418815)	2.61	1.66	0.55	8.57	13.8	2.08	1	<1	0.55	<0.2	<0.05	1.9	19	0.24
66274 (3418816)	2.83	1.69	0.66	7.88	12.9	2.08	1	<1	0.57	<0.2	<0.05	1.8	<10	0.27
66275 (3418817)	2.87	1.71	0.84	8.26	15.8	2.27	<1	1	0.53	<0.2	0.09	6.7	<10	0.23
66276 (3418818)	2.72	1.84	0.65	11.2	13.3	2.07	2	<1	0.57	<0.2	0.14	2.3	11	0.21
66277 (3418819)	2.40	1.54	0.67	8.96	12.3	2.00	1	<1	0.54	<0.2	0.08	2.2	<10	0.25
66278 (3418820)	2.58	1.77	0.71	10.6	11.9	2.36	1	<1	0.61	<0.2	0.10	2.7	12	0.24
66279 (3418821)	2.74	1.89	0.68	10.1	11.2	1.97	2	<1	0.59	<0.2	0.10	2.2	17	0.31
66280 (3418822)	2.77	1.93	0.76	11.0	15.6	2.15	1	<1	0.65	<0.2	0.29	2.5	15	0.28
66281 (3418823)	3.84	2.12	1.40	7.17	14.0	4.55	<1	2	0.71	<0.2	0.30	15.2	18	0.27
66282 (3418824)	2.76	1.69	0.62	9.49	12.5	2.37	1	<1	0.65	<0.2	0.20	3.4	14	0.30

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852764

PROJECT: 2021 Surimeau DDH Batch 81

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
66283 (3418825)	2.64	1.76	0.61	10.5	11.9	2.06	2	<1	0.54	<0.2	0.46	2.0	29	0.35
66284 (3418826)	2.67	1.66	0.62	10.5	12.4	2.03	2	<1	0.53	<0.2	0.24	1.5	13	0.28
66285 (3418827)	2.61	1.82	0.65	10.4	14.0	2.26	2	<1	0.66	<0.2	0.22	2.7	10	0.25
66286 (3418828)	2.68	1.97	0.89	12.2	14.2	2.33	<1	<1	0.75	<0.2	0.22	2.3	15	0.29
66287 (3418829)	1.96	1.55	0.43	10.0	14.0	1.63	2	<1	0.49	<0.2	2.31	1.6	97	0.21
66288 (3418830)	1.12	0.75	0.20	6.73	7.68	1.17	3	<1	0.24	<0.2	1.28	0.5	38	0.12
66289 (3418831)	1.04	0.81	0.13	6.56	7.61	0.87	3	<1	0.23	<0.2	0.70	0.5	22	0.13
66290 (3418832)	1.19	0.82	0.30	6.14	8.92	0.98	4	<1	0.24	<0.2	1.68	0.9	47	0.12
66291 (3418833)	2.58	1.66	0.87	8.71	14.5	1.98	2	<1	0.53	<0.2	0.84	1.4	53	0.24
66292 (3418834)	2.59	1.75	0.92	9.25	14.3	1.96	3	<1	0.55	<0.2	0.85	1.2	53	0.21
66293 (3418835)	2.72	1.83	0.56	11.0	15.7	1.95	3	<1	0.57	<0.2	0.56	1.7	39	0.29
66294 c-dup (3418836)	3.02	2.07	0.80	7.82	13.6	2.33	3	<1	0.70	<0.2	0.16	2.6	13	0.30
66295 (3418837)	2.61	1.70	0.58	8.28	14.8	1.74	3	<1	0.53	<0.2	0.63	1.7	39	0.26
66296 (3418838)	3.13	2.05	0.76	8.81	13.0	2.51	3	<1	0.65	<0.2	0.11	2.9	12	0.32
66297 (3418839)	4.77	2.90	1.97	10.5	21.3	5.08	3	4	1.00	7.9	0.06	22.4	<10	0.44
66298 (3418840)	2.55	1.21	1.55	5.33	18.7	3.21	2	4	0.46	1.1	0.09	25.1	<10	0.22
66299 (3418841)	2.33	1.65	1.19	3.84	20.2	3.30	1	4	0.43	<0.2	0.13	28.8	<10	0.24
66300 (3418842)	2.43	1.43	1.12	3.83	17.9	2.98	2	3	0.44	0.7	0.20	21.8	<10	0.20

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852764

PROJECT: 2021 Surimeau DDH Batch 81

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
66251 (3418793)	13.2	1260	<2	<1	1.8	913	0.01	<5	0.34	<0.2	0.44	<0.1	23	19.9
66252 (3418794)	1.42	90	<2	<1	0.8	<5	<0.01	<5	0.19	<0.2	0.53	<0.1	<5	5.78
66253 (3418795)	12.8	1390	<2	<1	1.5	928	0.01	<5	0.31	1.9	0.47	<0.1	20	19.0
66254 (3418796)	15.0	1180	<2	<1	1.3	1190	<0.01	<5	0.25	0.3	0.32	<0.1	20	22.9
66255 (3418797)	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS
66256 (3418798)	13.9	1210	<2	<1	1.2	1210	<0.01	<5	0.25	<0.2	0.44	<0.1	21	22.8
66257 (3418799)	7.55	2610	<2	3	3.3	1570	0.06	7	0.62	3.5	0.23	<0.1	31	21.1
66258 (3418800)	4.30	2970	<2	2	3.6	1950	0.04	6	0.71	1.0	0.64	0.1	40	25.8
66259 (3418801)	4.02	2270	<2	2	3.5	1550	0.02	10	0.60	3.6	0.32	0.2	43	25.0
66260 (3418802)	9.87	2100	<2	<1	2.6	1470	0.02	<5	0.46	26.7	0.12	0.1	32	23.2
66261c-dup (3418803)	8.04	2460	<2	1	3.3	984	0.02	<5	0.57	6.7	0.11	<0.1	46	22.9
66262 (3418804)	7.78	2410	<2	1	3.1	973	0.02	<5	0.59	6.3	0.11	0.2	45	22.4
66263 (3418805)	6.56	2340	<2	<1	3.7	1200	<0.01	7	0.63	36.9	0.09	0.1	50	23.7
66264 (3418806)	4.74	1900	<2	<1	3.7	1130	<0.01	11	0.57	9.6	0.16	<0.1	45	26.0
66265 (3418807)	5.02	1970	<2	<1	3.4	1200	0.01	11	0.65	14.3	0.16	0.4	48	26.4
66266 (3418808)	5.57	2790	<2	2	3.9	929	<0.01	9	0.72	0.7	0.12	<0.1	42	25.0
66267 (3418809)	6.72	2240	<2	1	3.1	1030	<0.01	8	0.61	1.4	0.13	0.3	42	24.5
66268 (3418810)	11.5	1600	<2	<1	1.8	858	<0.01	8	0.28	101	0.58	0.2	24	22.8
66269 (3418811)	7.57	2360	<2	<1	2.8	1070	0.01	8	0.47	26.0	0.27	<0.1	32	22.5
66270 (3418812)	3.57	3960	<2	<1	3.0	1690	<0.01	6	0.58	0.4	0.46	<0.1	35	24.1
66271 (3418813)	2.97	3320	<2	1	4.2	1190	0.02	7	0.76	<0.2	0.33	<0.1	41	25.5
66272 (3418814)	1.35	101	<2	<1	0.8	<5	<0.01	<5	0.25	1.9	0.56	<0.1	<5	5.70
66273 (3418815)	3.36	4230	<2	1	3.8	1400	0.02	8	0.74	0.3	0.44	<0.1	36	23.9
66274 (3418816)	3.19	3320	<2	2	3.4	1290	0.02	6	0.75	0.3	0.38	<0.1	37	25.3
66275 (3418817)	3.37	3290	<2	3	8.8	1280	0.04	6	1.78	0.7	0.42	<0.1	37	24.8
66276 (3418818)	3.47	5620	<2	<1	3.7	2250	0.02	5	0.72	1.8	0.62	<0.1	34	23.3
66277 (3418819)	3.03	4640	<2	1	4.2	1400	0.02	<5	0.73	0.9	0.31	<0.1	36	24.6
66278 (3418820)	2.83	5830	<2	<1	4.5	1360	0.02	<5	0.83	2.1	0.35	<0.1	32	23.3
66279 (3418821)	2.64	5510	<2	1	3.7	2420	0.01	22	0.65	1.9	1.13	<0.1	35	24.0
66280 (3418822)	3.57	4600	<2	2	4.2	2650	0.04	9	0.88	3.3	1.09	<0.1	37	22.4
66281 (3418823)	3.06	3260	<2	3	19.2	1700	0.09	13	4.47	9.9	0.51	<0.1	32	25.1
66282 (3418824)	3.87	3790	<2	1	5.4	2500	0.02	9	1.07	2.7	0.78	<0.1	37	25.1

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852764

PROJECT: 2021 Surimeau DDH Batch 81

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
66283 (3418825)	4.82	4610	<2	<1	3.3	2170	0.02	9	0.69	19.4	0.73	<0.1	36	23.7
66284 (3418826)	4.96	5070	<2	<1	3.2	2360	0.01	10	0.62	4.3	0.78	<0.1	38	23.6
66285 (3418827)	4.29	5770	<2	1	4.3	2820	0.03	12	0.83	1.0	0.71	<0.1	40	23.8
66286 (3418828)	4.77	5900	<2	1	4.3	2730	<0.01	9	0.82	1.7	1.03	<0.1	41	22.3
66287 (3418829)	10.9	2460	<2	2	3.1	1890	0.01	<5	0.68	110	1.05	<0.1	30	21.1
66288 (3418830)	12.1	1560	<2	<1	1.4	1020	0.01	6	0.29	66.1	0.95	<0.1	20	23.2
66289 (3418831)	12.6	1330	<2	<1	1.3	1010	<0.01	<5	0.23	36.6	1.04	<0.1	20	22.7
66290 (3418832)	11.7	1590	<2	<1	1.7	1020	0.03	<5	0.31	74.8	0.31	0.1	18	24.0
66291 (3418833)	7.67	3690	4	<1	3.0	1630	<0.01	7	0.53	37.9	0.42	0.3	41	21.7
66292 (3418834)	8.37	3840	4	<1	3.2	1840	<0.01	6	0.59	38.4	0.51	0.2	41	22.4
66293 (3418835)	5.94	4410	6	<1	3.4	2280	0.02	10	0.57	21.5	1.84	0.2	43	22.5
66294 c-dup (3418836)	4.79	3310	27	<1	4.5	2300	0.02	18	0.79	3.5	2.10	0.1	38	24.4
66295 (3418837)	5.11	3340	7	<1	3.2	1930	0.01	18	0.59	32.3	1.52	0.3	38	23.7
66296 (3418838)	3.47	2700	7	<1	4.9	1620	0.01	23	0.95	3.8	3.76	<0.1	46	22.8
66297 (3418839)	0.59	508	54	6	25.7	890	0.05	19	6.36	0.6	6.67	<0.1	18	24.5
66298 (3418840)	1.27	707	22	6	24.9	259	0.05	21	6.23	0.4	2.51	<0.1	14	28.7
66299 (3418841)	1.28	730	3	6	24.7	51	0.05	17	6.86	1.2	1.67	<0.1	14	29.0
66300 (3418842)	1.03	481	5	6	21.6	154	0.06	14	5.76	3.3	1.99	<0.1	13	30.5

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852764

PROJECT: 2021 Surimeau DDH Batch 81

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
66251 (3418793)	0.8	<1	60.1	<0.5	0.20	<0.1	0.18	<0.5	0.16	<0.05	116	<1	8.7	0.9
66252 (3418794)	0.1	<1	64.9	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.16	<5	<1	2.1	0.1
66253 (3418795)	0.6	<1	125	<0.5	0.20	<0.1	0.17	<0.5	0.12	<0.05	104	<1	6.8	0.8
66254 (3418796)	0.6	<1	18.2	<0.5	0.19	<0.1	0.17	<0.5	0.15	<0.05	101	<1	6.8	0.9
66255 (3418797)	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS
66256 (3418798)	0.6	<1	17.6	<0.5	0.17	<0.1	0.16	<0.5	0.11	<0.05	104	<1	6.1	0.7
66257 (3418799)	1.0	<1	262	<0.5	0.30	<0.1	0.26	<0.5	0.18	0.18	186	<1	12.3	1.4
66258 (3418800)	1.3	<1	216	<0.5	0.40	0.1	0.32	<0.5	0.26	0.15	219	<1	15.6	1.8
66259 (3418801)	1.3	<1	390	<0.5	0.35	0.1	0.35	<0.5	0.25	0.22	223	<1	15.6	1.6
66260 (3418802)	1.0	<1	43.1	<0.5	0.29	<0.1	0.25	<0.5	0.19	0.11	203	<1	10.9	1.3
66261c-dup (3418803)	1.5	<1	145	<0.5	0.38	<0.1	0.36	<0.5	0.26	0.10	292	<1	15.3	1.7
66262 (3418804)	1.5	<1	140	<0.5	0.40	<0.1	0.35	<0.5	0.26	0.10	287	<1	15.5	1.7
66263 (3418805)	1.4	<1	278	<0.5	0.42	<0.1	0.37	<0.5	0.25	0.10	302	<1	16.7	1.9
66264 (3418806)	1.3	<1	161	<0.5	0.38	<0.1	0.37	<0.5	0.24	0.06	255	<1	13.8	1.6
66265 (3418807)	1.4	<1	156	<0.5	0.41	<0.1	0.38	<0.5	0.25	<0.05	282	<1	15.5	1.6
66266 (3418808)	1.5	<1	251	<0.5	0.47	0.1	0.34	<0.5	0.28	0.41	256	<1	16.6	1.9
66267 (3418809)	1.2	<1	187	<0.5	0.38	<0.1	0.34	<0.5	0.23	0.19	245	<1	14.6	1.5
66268 (3418810)	0.6	<1	22.3	<0.5	0.20	<0.1	0.20	1.2	0.14	<0.05	123	<1	7.4	0.9
66269 (3418811)	1.0	<1	153	<0.5	0.31	0.1	0.28	<0.5	0.20	0.05	188	<1	12.1	1.3
66270 (3418812)	1.1	<1	87.0	<0.5	0.32	0.1	0.31	<0.5	0.25	<0.05	207	<1	13.8	1.6
66271 (3418813)	1.4	<1	92.7	<0.5	0.43	<0.1	0.34	<0.5	0.26	0.07	237	<1	14.5	1.6
66272 (3418814)	0.2	<1	67.9	<0.5	0.09	0.1	<0.01	<0.5	<0.05	0.27	<5	<1	3.7	0.3
66273 (3418815)	1.4	<1	158	<0.5	0.34	0.2	0.32	<0.5	0.28	0.27	225	<1	14.6	1.7
66274 (3418816)	1.3	1	107	<0.5	0.37	0.1	0.33	<0.5	0.28	0.22	213	<1	15.3	1.7
66275 (3418817)	2.1	<1	350	<0.5	0.38	0.9	0.35	<0.5	0.24	0.50	217	<1	14.2	1.6
66276 (3418818)	1.2	<1	109	<0.5	0.35	<0.1	0.30	<0.5	0.27	0.07	209	<1	15.4	1.8
66277 (3418819)	1.3	<1	95.5	<0.5	0.38	0.2	0.33	<0.5	0.26	0.07	214	<1	14.4	1.6
66278 (3418820)	1.4	<1	95.4	<0.5	0.38	0.1	0.29	<0.5	0.24	<0.05	197	<1	15.3	1.8
66279 (3418821)	1.3	1	181	<0.5	0.35	<0.1	0.31	<0.5	0.25	0.21	196	<1	15.8	1.9
66280 (3418822)	1.5	2	343	<0.5	0.41	0.2	0.31	<0.5	0.26	0.48	247	<1	15.7	1.7
66281 (3418823)	4.4	<1	488	<0.5	0.60	2.8	0.40	<0.5	0.30	0.93	197	<1	18.7	1.9
66282 (3418824)	1.6	<1	162	<0.5	0.41	0.3	0.31	<0.5	0.24	0.22	212	<1	14.6	1.8

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852764

PROJECT: 2021 Surimeau DDH Batch 81

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
66283 (3418825)	1.5	<1	132	<0.5	0.40	0.1	0.29	<0.5	0.25	0.25	198	<1	14.5	1.8
66284 (3418826)	1.3	1	165	<0.5	0.37	<0.1	0.30	<0.5	0.29	0.24	220	<1	15.2	1.6
66285 (3418827)	1.3	<1	217	<0.5	0.38	0.1	0.34	<0.5	0.27	0.18	243	<1	15.4	1.7
66286 (3418828)	1.6	2	161	<0.5	0.43	0.1	0.32	<0.5	0.31	0.24	254	<1	16.9	2.2
66287 (3418829)	1.1	3	31.0	<0.5	0.35	0.1	0.26	1.7	0.21	0.39	198	<1	12.2	1.3
66288 (3418830)	0.6	<1	19.6	<0.5	0.19	<0.1	0.14	0.9	0.12	0.11	99	<1	7.0	0.7
66289 (3418831)	0.5	<1	16.0	<0.5	0.17	<0.1	0.16	0.5	0.12	<0.05	99	<1	5.9	0.6
66290 (3418832)	0.6	<1	49.4	<0.5	0.16	<0.1	0.15	1.1	0.11	0.08	120	<1	6.8	0.7
66291 (3418833)	1.2	3	127	<0.5	0.37	<0.1	0.30	1.1	0.24	0.08	244	<1	13.0	1.5
66292 (3418834)	1.3	4	99.0	<0.5	0.34	<0.1	0.32	1.0	0.25	0.06	256	<1	13.5	1.7
66293 (3418835)	1.5	3	154	<0.5	0.39	<0.1	0.34	0.7	0.26	0.10	267	<1	15.1	1.8
66294 c-dup (3418836)	1.6	4	334	<0.5	0.41	<0.1	0.32	<0.5	0.30	0.17	232	<1	17.7	2.0
66295 (3418837)	1.3	4	344	<0.5	0.32	<0.1	0.31	0.9	0.25	0.15	229	<1	14.0	1.7
66296 (3418838)	1.8	4	339	<0.5	0.48	0.1	0.37	<0.5	0.30	0.15	240	<1	17.4	2.1
66297 (3418839)	5.8	7	373	0.8	0.82	4.7	0.37	<0.5	0.43	1.98	80	<1	24.5	2.8
66298 (3418840)	4.5	4	420	0.7	0.43	9.1	0.32	<0.5	0.17	2.83	98	<1	12.5	1.3
66299 (3418841)	4.7	2	214	0.7	0.44	9.5	0.33	<0.5	0.18	2.99	94	<1	12.4	1.3
66300 (3418842)	3.8	4	140	0.6	0.44	7.8	0.34	<0.5	0.19	2.70	84	<1	11.9	1.5

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852764

PROJECT: 2021 Surimeau DDH Batch 81

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
66251 (3418793)	48	15.9
66252 (3418794)	<5	0.8
66253 (3418795)	42	13.0
66254 (3418796)	44	15.1
66255 (3418797)	IS	IS
66256 (3418798)	46	13.5
66257 (3418799)	63	22.3
66258 (3418800)	66	26.6
66259 (3418801)	87	31.1
66260 (3418802)	88	21.2
66261c-dup (3418803)	90	31.9
66262 (3418804)	89	32.4
66263 (3418805)	95	33.1
66264 (3418806)	87	32.1
66265 (3418807)	72	33.9
66266 (3418808)	128	32.4
66267 (3418809)	98	29.5
66268 (3418810)	65	17.0
66269 (3418811)	76	23.4
66270 (3418812)	101	25.5
66271 (3418813)	72	28.8
66272 (3418814)	<5	3.2
66273 (3418815)	89	27.3
66274 (3418816)	84	27.9
66275 (3418817)	95	39.3
66276 (3418818)	101	24.9
66277 (3418819)	77	28.9
66278 (3418820)	90	25.7
66279 (3418821)	117	25.7
66280 (3418822)	245	27.3
66281 (3418823)	99	69.9
66282 (3418824)	142	29.0

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852764

PROJECT: 2021 Surimeau DDH Batch 81

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
66283 (3418825)	147	24.6
66284 (3418826)	150	25.5
66285 (3418827)	179	28.5
66286 (3418828)	247	28.7
66287 (3418829)	250	21.7
66288 (3418830)	99	12.0
66289 (3418831)	60	13.6
66290 (3418832)	71	10.9
66291 (3418833)	141	26.7
66292 (3418834)	143	28.4
66293 (3418835)	211	29.0
66294 c-dup (3418836)	201	26.6
66295 (3418837)	197	24.3
66296 (3418838)	388	30.9
66297 (3418839)	22100	152
66298 (3418840)	3020	141
66299 (3418841)	150	138
66300 (3418842)	1940	135

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852764

PROJECT: 2021 Surimeau DDH Batch 81

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Crush-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
66251 (3418793)	81.83
66270 (3418812)	81.70
66290 (3418832)	79.28

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852764

PROJECT: 2021 Surimeau DDH Batch 81

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Pul-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
66251 (3418793)	87.10
66270 (3418812)	89.66
66290 (3418832)	87.25

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 22O852764

PROJECT: 2021 Surimeau DDH Batch 81

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	3418807	<1	<1	0.0%	3418833	<1	<1	0.0%	3418818	1	5	127.0%	3418833	<1	<1	0.0%
Al	3418806	6.53	6.59	0.9%	3418833	4.91	5.28	7.3%	3418818	5.78	5.63	2.6%	3418833	5.19	5.20	0.0%
As	3418807	<5	<5	0.0%	3418833	<5	<5	0.0%	3418818	<5	<5	0.0%	3418833	<5	<5	0.0%
B	3418806	< 20	< 20	0.0%	3418833	< 20	< 20	0.0%	3418818	<20	<20	0.0%	3418833	<20	25	0.0%
Ba	3418806	119	119	0.0%	3418833	280	293	4.5%	3418818	126	124	1.3%	3418833	278	282	1.5%
Be	3418806	< 5	< 5	0.0%	3418833	< 5	< 5	0.0%	3418818	<5	<5	0.0%	3418833	<5	<5	0.0%
Bi	3418807	0.4	0.4	2.7%	3418833	0.5	0.5	6.9%	3418818	0.9	0.7	17.5%	3418833	0.6	0.6	2.8%
Ca	3418806	4.82	4.77	1.0%	3418833	7.52	7.75	3.0%	3418818	8.08	7.82	3.3%	3418833	7.75	7.79	0.5%
Cd	3418807	<0.2	<0.2	0.0%	3418833	<0.2	<0.2	0.0%	3418818	<0.2	<0.2	0.0%	3418833	<0.2	<0.2	0.0%
Ce	3418807	3.5	3.6	3.3%	3418833	3.1	3.3	5.5%	3418818	4.9	4.8	1.4%	3418833	3.3	3.2	3.1%
Co	3418807	125	124	1.1%	3418833	130	136	4.7%	3418818	192	189	1.7%	3418833	127	130	2.4%
Cr	3418806	0.355	0.367	3.3%	3418833	0.399	0.422	5.6%	3418818	0.461	0.455	1.2%	3418833	0.407	0.405	0.6%
Cs	3418807	2.1	2.0	6.4%	3418833	3.9	4.1	3.2%	3418818	<0.1	<0.1	0.0%	3418833	3.4	3.6	4.9%
Cu	3418806	59	59	0.0%	3418833	43	45	4.5%	3418818	134	130	3.4%	3418833	49	49	0.1%
Dy	3418807	2.89	2.85	1.2%	3418833	2.58	2.67	3.5%	3418818	2.72	2.41	12.1%	3418833	2.34	2.18	6.9%
Er	3418807	1.82	1.87	2.9%	3418833	1.66	1.73	4.5%	3418818	1.84	1.77	3.5%	3418833	1.41	1.55	9.2%
Eu	3418807	0.51	0.49	4.6%	3418833	0.87	0.83	4.9%	3418818	0.65	0.61	7.8%	3418833	0.76	0.76	1.0%
Fe	3418806	6.76	6.73	0.4%	3418833	8.71	8.95	2.7%	3418818	11.2	10.9	2.9%	3418833	8.87	8.88	0.1%
Ga	3418807	14.6	14.8	1.5%	3418833	14.5	15.0	3.6%	3418818	13.3	13.7	3.4%	3418833	14.4	12.8	11.7%
Gd	3418807	2.14	2.32	8.1%	3418833	1.98	1.86	6.3%	3418818	2.07	1.99	3.8%	3418833	1.85	1.72	7.2%
Ge	3418807	2	1	22.4%	3418833	2	3	41.4%	3418818	2	1	14.7%	3418833	2	2	11.3%
Hf	3418807	1	1	2.1%	3418833	<1	<1	0.0%	3418818	<1	<1	0.0%	3418833	<1	<1	0.0%
Ho	3418807	0.57	0.58	2.6%	3418833	0.53	0.52	2.8%	3418818	0.57	0.60	5.7%	3418833	0.50	0.49	2.3%
In	3418807	<0.2	<0.2	0.0%	3418833	<0.2	<0.2	0.0%	3418818	<0.2	<0.2	0.0%	3418833	<0.2	<0.2	0.0%
K	3418806	0.263	0.255	3.1%	3418833	0.84	0.85	1.2%	3418818	0.14	0.14	4.2%	3418833	0.82	0.83	1.0%
La	3418807	1.3	1.3	1.7%	3418833	1.4	1.4	1.6%	3418818	2.3	2.2	3.6%	3418833	1.4	1.4	1.2%
Li	3418806	26	26	0.0%	3418833	53	54	1.9%	3418818	11	11	3.8%	3418833	53	54	2.7%
Lu	3418807	0.25	0.25	0.2%	3418833	0.24	0.25	3.8%	3418818	0.21	0.29	34.4%	3418833	0.17	0.26	38.2%
Mg	3418806	4.74	4.88	2.9%	3418833	7.67	7.91	3.1%	3418818	3.47	3.38	2.7%	3418833	7.78	7.88	1.2%
Mn	3418806	1900	1900	0.0%	3418833	3690	3800	2.9%	3418818	5620	5410	3.8%	3418833	3790	3800	0.3%
Mo	3418807	<2	<2	0.0%	3418833	4	4	1.0%	3418818	<2	<2	0.0%	3418833	3	<2	52.9%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Nb	3418807	<1	<1	0.0%	3418833	<1	<1	0.0%	3418818	<1	<1	0.0%	3418833	<1	<1	0.0%
Nd	3418807	3.4	3.6	6.7%	3418833	3.0	3.1	2.9%	3418818	3.7	3.7	0.1%	3418833	3.0	3.0	1.7%
Ni	3418806	1130	1130	0.0%	3418833	1630	1700	4.2%	3418818	2250	2180	2.8%	3418833	1560	1570	0.7%
P	3418806	< 0.01	0.01		3418833	< 0.01	0.01		3418818	0.02	0.02	4.5%	3418833	<0.01	<0.01	0.0%
Pb	3418807	11	11	1.5%	3418833	7	7	0.4%	3418818	5	5	0.1%	3418833	8	8	7.9%
Pr	3418807	0.65	0.65	0.6%	3418833	0.53	0.61	14.4%	3418818	0.72	0.78	8.0%	3418833	0.50	0.58	13.8%
Rb	3418807	14.3	13.9	2.7%	3418833	37.9	38.4	1.3%	3418818	1.8	1.1	42.2%	3418833	33.6	34.8	3.5%
S	3418806	0.158	0.154	2.6%	3418833	0.423	0.450	6.2%	3418818	0.62	0.61	1.9%	3418833	0.45	0.46	1.5%
Sb	3418793	<0.1	<0.1	0.0%	3418807	0.6	0.4	39.7%	3418818	<0.1	<0.1	0.0%	3418833	<0.1	<0.1	0.0%
Sc	3418806	45	45	0.0%	3418833	41	43	4.8%	3418818	34	34	1.0%	3418833	40	40	1.1%
Si	3418806	26.0	25.8	0.8%	3418833	21.7	22.4	3.2%	3418818	23.3	22.8	2.1%	3418833	21.8	21.6	0.5%
Sm	3418807	1.4	1.5	6.4%	3418833	1.2	1.3	5.9%	3418818	1.2	1.1	4.9%	3418833	1.2	1.1	12.3%
Sn	3418793	<1	<1	0.0%	3418807	<1	<1	0.0%	3418818	<1	<1	0.0%	3418833	4	4	7.5%
Sr	3418806	161	160	0.6%	3418833	127	132	3.9%	3418818	109	106	2.5%	3418833	122	124	1.5%
Ta	3418793	<0.5	<0.5	0.0%	3418833	<0.5	<0.5	0.0%	3418818	<0.5	<0.5	0.0%	3418833	<0.5	<0.5	0.0%
Tb	3418807	0.41	0.40	0.4%	3418833	0.37	0.36	1.8%	3418818	0.35	0.40	12.8%	3418833	0.33	0.34	2.2%
Th	3418807	<0.1	<0.1	0.0%	3418833	<0.1	<0.1	0.0%	3418818	<0.1	<0.1	0.0%	3418833	0.1	<0.1	9.7%
Ti	3418806	0.37	0.37	0.0%	3418833	0.302	0.311	2.9%	3418818	0.30	0.29	3.2%	3418833	0.30	0.31	0.7%
Tl	3418807	<0.5	<0.5	0.0%	3418833	1.1	1.1	6.3%	3418818	<0.5	<0.5	0.0%	3418833	1.1	1.1	0.6%
Tm	3418807	0.25	0.26	6.4%	3418833	0.24	0.23	4.7%	3418818	0.27	0.23	19.4%	3418833	0.24	0.20	17.1%
U	3418807	<0.05	0.05	0.0%	3418833	0.08	0.09	13.3%	3418818	0.07	0.06	24.2%	3418833	0.10	0.11	13.0%
V	3418806	255	258	1.2%	3418833	244	253	3.6%	3418818	209	203	3.0%	3418833	226	227	0.2%
W	3418807	<1	<1	0.0%	3418833	<1	<1	0.0%	3418818	<1	<1	0.0%	3418833	<1	<1	0.0%
Y	3418807	15.5	15.0	2.9%	3418833	13.0	13.5	4.0%	3418818	15.4	14.7	4.6%	3418833	12.0	12.4	2.9%
Yb	3418807	1.6	1.7	5.4%	3418833	1.5	1.6	6.9%	3418818	1.8	1.8	3.6%	3418833	1.3	1.3	3.5%
Zn	3418806	87	80	8.4%	3418833	141	143	1.4%	3418818	101	96	4.5%	3418833	147	161	8.9%
Zr	3418807	33.9	33.9	0.1%	3418833	26.7	27.6	3.2%	3418818	24.9	24.6	1.3%	3418833	25.1	27.2	8.2%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 22O852764

PROJECT: 2021 Surimeau DDH Batch 81

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.OREAS-47)				CRM #2 (ref.OREAS-72B)				CRM #3 (ref.OREAS-74b)				CRM #4 (ref.oreas-74B)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	6.34	6.22	98%	80% - 120%	4.72	4.79	101%	80% - 120%					3.54	3.35	95%	80% - 120%
Ba	473	481	102%	80% - 120%	335	354	106%	80% - 120%					210.0	218	104%	80% - 120%
Ca	2.33	2.32	99%	80% - 120%	2.82	2.88	102%	80% - 120%					3.09	3.13	101%	80% - 120%
Ce	56.0	56	101%	80% - 120%	43.5	48	111%	80% - 120%	30.9	36	116%	80% - 120%				
Co	56.0	53	95%	80% - 120%	138.0	143	104%	80% - 120%	499.0	540	108%	80% - 120%				
Cr	112.86	96.9	85%	80% - 120%	974.0	944	97%	80% - 120%					978.0	946	97%	80% - 120%
Cs	2.01	2	98%	80% - 120%	3.16	3	104%	80% - 120%	2.73	2	82%	80% - 120%				
Cu					219	212	97%	80% - 120%					1021.0	1030	101%	80% - 120%
Dy	2.11	2.2	106%	80% - 120%	2.74	2.8	104%	80% - 120%	1.96	2.0	101%	80% - 120%				
Er	1.16	1.2	100%	80% - 120%	1.69	1.8	104%	80% - 120%	1.18	1.1	96%	80% - 120%				
Eu	1.01	1.0	97%	80% - 120%	0.74	0.8	105%	80% - 120%	0.53	0.6	114%	80% - 120%				
Fe	2.78	2.84	102%	80% - 120%	6.97	6.99	100%	80% - 120%					12.6	12.4	98%	80% - 120%
Ga	14.1	16	112%	80% - 120%	11.1	13	113%	80% - 120%	8.52	9	109%	80% - 120%				
Gd	2.83	3.1	108%	80% - 120%	2.75	3.2	116%	80% - 120%	1.9	2.2	115%	80% - 120%				
Ho	0.42	0.4	101%	80% - 120%	0.56	0.6	103%	80% - 120%	0.4	0.4	100%	80% - 120%				
K	1.18	1.14	97%	80% - 120%	1.13	1.1	97%	80% - 120%					0.72	0.640	89%	80% - 120%
La	30.9	31.3	101%	80% - 120%	24.2	27.4	113%	80% - 120%	17.4	19.4	112%	80% - 120%				
Li													29.3	25.9	88%	80% - 120%
Lu	0.16	0	98%	80% - 120%												
Mg	1	1	100%	80% - 120%	9.66	9.95	103%	80% - 120%					9.38	9.06	97%	80% - 120%
Mn	496	517	104%	80% - 120%	1010	1034	102%	80% - 120%					930.0	941	101%	80% - 120%
Mo	12.7	12	96%	80% - 120%												
Nb	17.9	17	95%	80% - 120%	5.48	5	100%	80% - 120%	3.56	4	123%	80% - 120%				
Nd	24.0	24.7	103%	80% - 120%	16.9	17.5	104%	80% - 120%	11.9	13.3	111%	80% - 120%				
Ni	91	79	87%	80% - 120%	7050	7331	104%	80% - 120%					34286.0	32300	94%	80% - 120%
P	0.056	0.057	102%	80% - 120%	0.029	0.025	88%	80% - 120%								
Pb	284.0	290	102%	80% - 120%	14.1	15	105%	80% - 120%	24.1	26	107%	80% - 120%				
Pr	6.58	6.7	103%	80% - 120%	4.79	5.1	107%	80% - 120%	3.39	3.7	110%	80% - 120%				
Rb	37.6	38	101%	80% - 120%	47.2	47	101%	80% - 120%	31.3	29	93%	80% - 120%				
S					1.48	1.46	99%	80% - 120%					6.61	6.06	92%	80% - 120%
Sc	9.27	9.56	103%	80% - 120%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Si	33.99	33.42	98%	80% - 120%	24.02	25.34	106%	80% - 120%					19.68	19.9	101%	80% - 120%
Sm	4.01	4.0	100%	80% - 120%	2.99	3.4	113%	80% - 120%	2.23	2.2	98%	80% - 120%				
Sn	6.14	6	99%	80% - 120%												
Sr	402	422	105%	80% - 120%	61	65	107%	80% - 120%					54.0	48.5	90%	80% - 120%
Tb	0.39	0.4	105%	80% - 120%	0.46	0.5	100%	80% - 120%	0.31	0.3	101%	80% - 120%				
Th	3.84	4	99%	80% - 120%	10.3	11	106%	80% - 120%	7.6	8	105%	80% - 120%				
Ti	0.23	0.23	101%	80% - 120%	0.208	0.217	104%	80% - 120%					0.15	0.152	101%	80% - 120%
Tl									0.6	1	119%	80% - 120%				
Tm	0.17	0.2	104%	80% - 120%	0.26	0.2	93%	80% - 120%	0.19	0.2	82%	80% - 120%				
U	0.79	1	107%	80% - 120%	4.76	5	101%	80% - 120%	2.4	3	127%	80% - 120%				
V	61	57	94%	80% - 120%	77	77	100%	80% - 120%					62.0	63.9	103%	80% - 120%
Y	11.6	11.5	99%	80% - 120%	15.3	15.3	100%	80% - 120%	11.3	10.2	90%	80% - 120%				
Yb	1.08	1.2	110%	80% - 120%	1.64	1.8	110%	80% - 120%	1.23	1.3	108%	80% - 120%				
Zn	217	219	101%	80% - 120%	98	81	82%	80% - 120%					133.0	130	98%	80% - 120%
Zr	161.0	155	96%	80% - 120%	86.0	88.9	103%	80% - 120%	63.0	66.8	106%	80% - 120%				
	CRM #5 (ref.OREAS-47)															
Parameter	Expect	Actual	Recovery	Limits												
Ce	56.0	59	106%	80% - 120%												
Co	56.0	53	95%	80% - 120%												
Cs	2.01	2	92%	80% - 120%												
Dy	2.11	1.9	90%	80% - 120%												
Er	1.16	1.1	93%	80% - 120%												
Eu	1.01	1.1	110%	80% - 120%												
Ga	14.1	13	93%	80% - 120%												
Gd	2.83	2.9	103%	80% - 120%												
Ho	0.42	0.4	92%	80% - 120%												
La	30.9	32.1	104%	80% - 120%												
Lu	0.16	0	94%	80% - 120%												
Mo	12.7	12	93%	80% - 120%												
Nb	17.9	18	99%	80% - 120%												
Nd	24.0	24.9	104%	80% - 120%												
Pb	284.0	294	103%	80% - 120%												
Pr	6.58	7.1	108%	80% - 120%												
Rb	37.6	36	95%	80% - 120%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sm	4.01	4.1	102%	80% - 120%												
Sn	6.14	6	99%	80% - 120%												
Tb	0.39	0.4	91%	80% - 120%												
Th	3.84	4	104%	80% - 120%												
Tm	0.17	0.2	97%	80% - 120%												
U	0.79	1	124%	80% - 120%												
Y	11.6	10.4	90%	80% - 120%												
Yb	1.08	1.1	106%	80% - 120%												
Zr	161.0	151	94%	80% - 120%												

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O852764

PROJECT: 2021 Surimeau DDH Batch 81

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O852764

PROJECT: 2021 Surimeau DDH Batch 81

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O852764

PROJECT: 2021 Surimeau DDH Batch 81

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Crush-Pass %			BALANCE
Pul-Pass %			BALANCE

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 82

AGAT WORK ORDER: 22O852765

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Mar 11, 2022

PAGES (INCLUDING COVER): 21

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

Disclaimer:

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project Manager if you require additional sample storage time.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
- The test results reported herewith relate only to the samples as received by the laboratory.
- Measurement Uncertainty is not taken into consideration when stating conformity with a specified requirement.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852765

PROJECT: 2021 Surimeau DDH Batch 82

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 11, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
66301 (3418880)	2.890
66302 (3418881)	1.280
66303 (3418882)	1.670
66304 (3418883)	0.960
66305 (3418884)	1.880
66306 (3418885)	1.540
66307 (3418886)	1.530
66308 (3418887)	2.310
66309 (3418888)	2.340
66310 (3418889)	3.280
66311 (3418890)	2.900
66312 (3418891)	-
66313 (3418892)	3.150
66314 (3418893)	2.430
66315 (3418894)	0.990
66316 (3418895)	3.500
66317 (3418896)	4.120
66318 (3418897)	3.770
66319 (3418898)	3.810
66320 (3418899)	3.880
66321 (3418900)	3.660
66322 (3418901)	1.130
66323 (3418902)	3.250
66324 (3418903)	1.970
66325 (3418904)	1.700
66326 (3418905)	1.810
66327 (3418906)	2.180
66328 (3418907)	1.610
66329 (3418908)	3.770
66330 (3418909)	2.660
66331 (3418910)	3.060

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852765

PROJECT: 2021 Surimeau DDH Batch 82

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 11, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
66332 (3418911)	3.030
66333 (3418912)	3.540
66334 (3418913)	3.940
66335 (3418914)	2.570
66336 (3418915)	2.290
66337 (3418916)	3.790
66338 (3418917)	2.610
66339 (3418918)	3.150
66340 (3418919)	3.350
66341 (3418920)	0.930
66342 (3418921)	2.590
66343 (3418922)	2.840
66344 (3418923)	-
66345 (3418924)	3.660
66346 (3418925)	3.700
66347 (3418926)	4.000
66348 (3418927)	2.510
66349 (3418928)	4.120
66350 (3418929)	2.540

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852765

PROJECT: 2021 Surimeau DDH Batch 82

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 11, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
66301 (3418880)	<1	8.20	<5	<20	350	<5	0.8	3.88	0.8	52.4	34.0	0.027	0.3	358
66302 (3418881)	<1	0.16	7	<20	20.5	<5	<0.1	35.6	<0.2	1.3	<0.5	<0.005	<0.1	<5
66303 (3418882)	<1	8.12	<5	<20	221	<5	0.6	2.28	0.3	61.7	28.4	0.033	0.5	252
66304 (3418883)	<1	7.85	<5	<20	2120	<5	0.5	0.94	38.6	72.0	58.5	0.035	16.4	156
66305 (3418884)	<1	9.92	<5	<20	611	<5	0.1	2.54	<0.2	123	8.0	0.017	0.2	75
66306 (3418885)	<1	6.87	<5	<20	1420	<5	0.2	6.98	<0.2	107	48.3	0.054	2.9	86
66307 (3418886)	<1	3.41	<5	<20	370	<5	0.2	5.87	<0.2	3.3	86.5	0.190	11.7	17
66308 (3418887)	<1	3.27	<5	<20	48.2	<5	0.5	4.12	<0.2	1.8	104	0.240	2.0	69
66309 (3418888)	<1	3.11	<5	<20	2.4	<5	0.4	5.34	<0.2	2.2	100	0.229	0.3	87
66310 (3418889)	<1	3.86	<5	<20	2.4	<5	0.3	5.37	<0.2	2.3	102	0.243	0.2	57
66311 (3418890)	<1	4.31	<5	<20	2.2	<5	0.2	5.27	<0.2	2.5	101	0.249	0.3	47
66312 (3418891)	<1	4.36	<5	<20	2.2	<5	0.2	5.36	<0.2	2.4	109	0.249	0.3	48
66313 (3418892)	<1	3.13	<5	<20	2.1	<5	0.2	6.07	<0.2	1.9	95.4	0.209	0.3	56
66314 (3418893)	<1	3.16	<5	<20	1.6	<5	0.4	4.41	<0.2	1.3	103	0.225	0.4	25
66315 (3418894)	<1	3.05	<5	<20	1.7	<5	0.4	4.34	<0.2	1.4	99.4	0.218	0.3	26
66316 (3418895)	<1	2.80	<5	<20	1.6	<5	0.5	4.72	<0.2	1.7	100	0.221	0.3	8
66317 (3418896)	<1	3.10	<5	<20	1.7	<5	0.5	4.29	<0.2	1.5	108	0.228	0.4	7
66318 (3418897)	<1	3.12	<5	<20	2.3	<5	0.3	5.88	<0.2	1.8	93.3	0.220	0.3	48
66319 (3418898)	<1	4.37	<5	<20	2.8	<5	0.3	5.77	<0.2	2.4	96.2	0.258	0.2	23
66320 (3418899)	<1	4.06	<5	<20	2.5	<5	0.2	5.45	<0.2	1.9	96.1	0.261	0.2	60
66321 (3418900)	<1	2.82	<5	<20	1.8	<5	0.8	4.43	<0.2	1.6	103	0.222	0.4	19
66322 (3418901)	<1	0.28	6	<20	22.9	<5	<0.1	32.9	<0.2	0.9	1.0	0.007	<0.1	<5
66323 (3418902)	<1	3.17	<5	<20	8.2	<5	0.7	5.08	<0.2	7.7	101	0.195	0.4	44
66324 (3418903)	<1	4.43	<5	<20	147	<5	0.2	5.65	<0.2	16.1	98.0	0.204	4.2	49
66325 (3418904)	<1	3.17	<5	<20	106	<5	0.2	9.29	<0.2	2.5	91.5	0.225	1.8	29
66326 (3418905)	<1	3.91	<5	<20	721	<5	0.6	14.1	<0.2	3.2	123	0.269	15.5	42
66327 (3418906)	2	3.14	<5	<20	4.0	<5	0.3	6.03	<0.2	1.6	87.8	0.185	0.3	78
66328 (3418907)	<1	3.06	<5	<20	2.0	<5	0.8	4.66	<0.2	1.5	98.9	0.210	0.2	33
66329 (3418908)	<1	2.94	<5	<20	1.9	<5	0.5	4.39	<0.2	1.8	99.4	0.232	0.2	18
66330 (3418909)	<1	2.91	<5	<20	2.5	<5	0.6	5.21	<0.2	2.7	90.5	0.194	0.3	39
66331 (3418910)	1	3.99	<5	<20	632	<5	0.4	10.3	<0.2	15.9	99.4	0.203	13.3	66
66332 (3418911)	<1	3.71	<5	<20	433	<5	0.4	5.86	<0.2	11.6	91.4	0.182	5.5	52

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852765

PROJECT: 2021 Surimeau DDH Batch 82

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 11, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
66333 (3418912)	<1	3.00	<5	<20	1.3	<5	1.2	3.10	<0.2	1.5	109	0.217	0.4	30
66334 (3418913)	1	2.59	<5	<20	2.0	<5	1.0	5.08	<0.2	1.4	102	0.196	0.3	44
66335 (3418914)	1	2.75	<5	<20	1.5	<5	0.6	5.85	<0.2	1.2	96.1	0.238	0.1	81
66336 (3418915)	<1	4.51	<5	<20	7.9	<5	0.3	5.50	<0.2	1.9	97.8	0.247	0.3	60
66337 (3418916)	<1	3.74	<5	<20	28.0	<5	0.5	9.22	<0.2	2.0	90.5	0.232	0.9	33
66338 (3418917)	6	3.13	<5	<20	88.6	<5	0.5	13.8	<0.2	2.8	88.5	0.212	2.5	50
66339 (3418918)	7	3.31	<5	<20	269	<5	0.5	6.20	<0.2	1.6	93.6	0.218	12.3	28
66340 (3418919)	2	4.03	<5	<20	27.4	<5	1.2	10.7	<0.2	2.3	130	0.294	1.1	60
66341 (3418920)	3	3.36	<5	<20	158	<5	0.5	12.9	<0.2	2.7	88.1	0.224	6.7	82
66342 (3418921)	<1	3.52	<5	<20	171	<5	0.5	11.6	<0.2	2.7	97.2	0.243	7.8	103
66343 (3418922)	1	3.30	<5	<20	14.4	<5	0.5	7.57	<0.2	2.4	108	0.254	0.7	81
66344 (3418923)	2	3.37	<5	<20	14.5	<5	0.6	7.86	<0.2	2.6	110	0.254	0.7	83
66345 (3418924)	2	2.78	<5	<20	1.7	<5	0.4	6.41	<0.2	1.5	86.3	0.192	0.3	44
66346 (3418925)	<1	3.02	<5	<20	2.7	<5	0.4	6.26	<0.2	1.5	95.7	0.204	0.4	45
66347 (3418926)	<1	3.73	<5	<20	124	<5	0.4	5.37	<0.2	5.8	90.9	0.224	6.4	59
66348 (3418927)	9	2.39	<5	<20	171	<5	0.3	12.4	<0.2	4.3	63.6	0.135	7.8	13
66349 (3418928)	1	3.24	<5	<20	377	<5	0.5	5.16	<0.2	1.2	95.2	0.196	20.8	34
66350 (3418929)	2	2.99	<5	<20	350	<5	0.4	5.50	<0.2	1.0	91.4	0.208	18.4	59

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852765

PROJECT: 2021 Surimeau DDH Batch 82

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 11, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
66301 (3418880)	2.53	1.31	1.24	3.97	19.7	3.37	2	3	0.47	0.2	0.32	26.0	<10	0.19
66302 (3418881)	0.31	0.22	0.07	0.12	0.57	0.27	1	<1	0.07	<0.2	<0.05	1.5	<10	<0.05
66303 (3418882)	2.71	1.48	1.45	3.30	19.5	3.81	2	4	0.54	<0.2	0.14	30.5	<10	0.23
66304 (3418883)	5.19	2.98	2.00	6.61	29.0	5.86	2	6	1.02	4.8	3.44	35.9	116	0.50
66305 (3418884)	2.63	0.71	2.73	2.42	26.0	6.25	1	6	0.36	<0.2	0.12	56.9	<10	0.08
66306 (3418885)	4.91	2.28	2.57	7.85	21.8	8.31	2	4	0.83	<0.2	0.70	47.0	45	0.35
66307 (3418886)	1.31	0.89	0.48	6.87	13.4	1.35	4	<1	0.28	<0.2	1.64	1.0	70	0.11
66308 (3418887)	1.09	0.73	0.20	7.58	8.54	1.01	3	<1	0.21	<0.2	0.20	0.5	<10	0.12
66309 (3418888)	1.38	0.87	0.22	7.59	8.04	1.28	4	<1	0.28	<0.2	<0.05	0.7	<10	0.14
66310 (3418889)	1.56	0.99	0.25	8.36	7.65	1.20	3	<1	0.30	<0.2	<0.05	0.8	<10	0.14
66311 (3418890)	1.87	1.19	0.30	8.98	9.84	1.20	2	<1	0.35	<0.2	<0.05	0.9	<10	0.17
66312 (3418891)	1.66	1.21	0.28	9.15	8.38	1.26	2	<1	0.36	<0.2	<0.05	0.7	<10	0.17
66313 (3418892)	1.37	0.93	0.26	7.12	6.74	1.08	2	<1	0.30	<0.2	<0.05	0.6	<10	0.14
66314 (3418893)	1.20	0.79	0.16	7.35	6.25	0.97	2	<1	0.24	<0.2	<0.05	0.4	<10	0.12
66315 (3418894)	1.26	0.70	0.23	7.17	6.87	1.01	2	<1	0.26	<0.2	<0.05	0.5	<10	0.14
66316 (3418895)	1.08	0.81	0.27	6.94	5.62	0.84	2	<1	0.26	<0.2	<0.05	0.6	<10	0.10
66317 (3418896)	1.24	0.70	0.17	7.70	7.48	0.77	2	<1	0.23	<0.2	<0.05	0.6	<10	0.11
66318 (3418897)	1.30	0.88	0.28	7.25	6.82	1.08	2	<1	0.29	<0.2	<0.05	0.6	<10	0.12
66319 (3418898)	1.83	1.23	0.50	8.76	8.85	1.42	2	<1	0.37	<0.2	<0.05	0.8	<10	0.18
66320 (3418899)	1.55	1.27	0.39	8.17	7.94	1.20	2	<1	0.30	<0.2	<0.05	0.7	<10	0.15
66321 (3418900)	1.10	0.58	0.25	6.93	6.67	0.77	2	<1	0.22	<0.2	<0.05	0.5	<10	0.08
66322 (3418901)	0.29	0.20	<0.05	0.19	0.97	0.21	2	<1	0.07	<0.2	0.14	1.0	<10	<0.05
66323 (3418902)	1.22	0.75	0.39	6.70	7.97	1.25	2	<1	0.26	<0.2	<0.05	3.2	<10	0.12
66324 (3418903)	2.12	1.28	0.62	8.45	10.6	2.20	1	1	0.41	<0.2	0.39	7.2	22	0.15
66325 (3418904)	1.40	0.84	0.69	7.29	6.78	1.11	2	<1	0.29	<0.2	0.28	1.1	16	0.15
66326 (3418905)	1.75	1.01	0.79	7.11	6.64	1.39	<1	<1	0.38	<0.2	2.15	1.2	94	0.15
66327 (3418906)	1.26	0.79	0.36	6.90	6.43	0.94	2	<1	0.33	<0.2	<0.05	0.5	<10	0.14
66328 (3418907)	1.11	0.72	0.20	7.18	6.46	0.81	2	<1	0.21	<0.2	<0.05	0.5	<10	0.08
66329 (3418908)	1.31	0.68	0.19	7.56	6.43	0.95	1	<1	0.25	<0.2	<0.05	0.7	<10	0.11
66330 (3418909)	1.20	0.83	0.25	6.79	6.65	1.20	2	<1	0.27	<0.2	<0.05	1.0	<10	0.11
66331 (3418910)	2.33	1.40	0.77	7.72	9.16	2.65	2	1	0.52	<0.2	1.73	6.8	67	0.16
66332 (3418911)	1.84	1.09	0.91	7.12	9.52	1.69	1	1	0.33	<0.2	0.72	4.9	33	0.12

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852765

PROJECT: 2021 Surimeau DDH Batch 82

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 11, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
66333 (3418912)	0.67	0.42	0.14	7.13	7.32	0.62	2	<1	0.17	<0.2	<0.05	0.5	<10	0.06
66334 (3418913)	0.90	0.51	0.15	6.53	6.97	0.57	2	<1	0.18	<0.2	<0.05	0.6	<10	0.07
66335 (3418914)	1.16	0.72	0.13	6.73	6.12	0.83	2	<1	0.24	<0.2	<0.05	0.4	<10	0.08
66336 (3418915)	1.85	1.21	0.24	8.86	9.55	1.25	2	<1	0.36	<0.2	<0.05	0.6	<10	0.17
66337 (3418916)	1.45	0.85	0.40	7.93	8.87	1.15	2	<1	0.34	<0.2	0.10	0.7	10	0.15
66338 (3418917)	1.56	0.98	0.48	6.91	6.63	1.22	2	<1	0.34	<0.2	0.39	1.1	17	0.15
66339 (3418918)	1.16	0.89	0.18	7.04	9.16	0.93	2	<1	0.27	<0.2	1.56	0.5	49	0.10
66340 (3418919)	1.80	1.06	0.57	8.34	8.61	1.36	2	<1	0.36	<0.2	0.23	0.8	13	0.20
66341 (3418920)	1.54	1.10	0.36	7.09	7.58	1.35	2	<1	0.35	<0.2	0.98	1.2	34	0.16
66342 (3418921)	1.54	1.01	0.37	7.44	7.78	1.25	2	<1	0.36	<0.2	1.06	1.2	38	0.15
66343 (3418922)	1.21	1.08	0.30	7.74	6.81	1.28	2	<1	0.27	<0.2	0.07	1.1	<10	0.12
66344 (3418923)	1.23	1.02	0.29	7.73	7.42	1.13	2	<1	0.29	<0.2	0.08	1.1	<10	0.15
66345 (3418924)	1.06	0.71	0.17	6.59	6.34	0.96	2	<1	0.22	<0.2	<0.05	0.5	<10	0.12
66346 (3418925)	1.27	0.77	0.19	6.76	7.20	0.98	2	<1	0.23	<0.2	<0.05	0.6	<10	0.10
66347 (3418926)	1.96	1.19	0.30	7.76	8.65	1.62	2	<1	0.39	<0.2	0.89	2.1	30	0.14
66348 (3418927)	1.41	0.90	0.86	5.65	6.53	1.13	3	<1	0.32	<0.2	1.13	2.2	37	0.14
66349 (3418928)	0.92	0.66	0.21	6.16	11.7	0.86	3	<1	0.19	<0.2	2.89	0.4	90	0.09
66350 (3418929)	1.22	0.74	0.13	6.42	9.81	0.84	3	<1	0.25	<0.2	2.52	0.3	89	0.12

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852765

PROJECT: 2021 Surimeau DDH Batch 82

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 11, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
66301 (3418880)	1.21	682	5	5	23.6	153	0.06	28	6.16	12.3	2.06	1.0	16	30.4
66302 (3418881)	1.95	108	<2	<1	1.2	<5	0.01	<5	0.27	0.4	0.49	1.0	<5	4.56
66303 (3418882)	0.98	431	16	6	27.7	131	0.07	19	6.96	5.6	1.60	1.1	15	30.7
66304 (3418883)	5.99	938	513	7	33.3	229	0.09	25	8.41	196	1.72	1.1	29	22.6
66305 (3418884)	0.79	281	3	7	57.0	<5	0.10	30	14.7	3.1	0.90	<0.1	<5	30.3
66306 (3418885)	6.43	1610	3	4	55.0	82	0.32	22	13.2	28.5	0.36	<0.1	34	23.3
66307 (3418886)	13.0	1450	<2	1	3.0	1020	<0.01	<5	0.55	72.7	0.30	<0.1	18	23.7
66308 (3418887)	15.4	1410	<2	<1	1.6	1320	<0.01	<5	0.32	10.4	0.93	<0.1	21	22.2
66309 (3418888)	14.4	1190	<2	<1	2.0	1160	0.01	<5	0.33	0.6	1.36	<0.1	22	21.9
66310 (3418889)	14.4	1420	<2	<1	2.1	1020	0.02	<5	0.37	0.3	1.37	<0.1	24	20.5
66311 (3418890)	14.1	1570	<2	<1	2.4	951	0.01	<5	0.45	0.3	0.68	<0.1	28	19.4
66312 (3418891)	14.5	1590	<2	<1	2.1	994	0.01	<5	0.43	0.3	0.73	<0.1	28	19.6
66313 (3418892)	14.6	1290	<2	<1	1.7	1110	<0.01	<5	0.32	0.3	0.40	<0.1	21	20.7
66314 (3418893)	15.7	1260	<2	<1	1.4	1340	<0.01	<5	0.22	0.6	0.19	<0.1	22	21.4
66315 (3418894)	15.1	1200	<2	<1	1.3	1350	<0.01	<5	0.23	0.4	0.20	<0.1	21	20.4
66316 (3418895)	15.9	1240	<2	<1	1.4	1460	<0.01	<5	0.30	0.4	0.14	<0.1	19	20.0
66317 (3418896)	17.4	1330	<2	<1	1.4	1540	<0.01	<5	0.25	0.6	0.12	<0.1	21	22.3
66318 (3418897)	14.9	1300	<2	<1	1.7	1170	<0.01	<5	0.29	0.6	0.32	<0.1	22	21.0
66319 (3418898)	14.1	1600	<2	<1	2.1	847	<0.01	<5	0.38	0.4	0.29	<0.1	28	20.1
66320 (3418899)	14.7	1330	<2	<1	2.0	943	0.01	<5	0.33	0.4	0.38	<0.1	27	19.9
66321 (3418900)	16.0	1270	<2	<1	1.2	1580	<0.01	<5	0.23	0.5	0.20	<0.1	19	21.2
66322 (3418901)	2.79	120	<2	<1	0.8	<5	<0.01	<5	0.18	2.9	0.52	<0.1	<5	6.67
66323 (3418902)	15.1	1190	<2	<1	5.3	1400	0.02	<5	1.05	1.1	0.37	<0.1	19	21.4
66324 (3418903)	13.4	1400	<2	1	8.4	956	0.05	<5	2.20	20.6	0.36	<0.1	27	20.3
66325 (3418904)	12.0	1830	<2	<1	2.2	972	<0.01	<5	0.42	11.8	0.35	<0.1	22	19.5
66326 (3418905)	9.14	2420	<2	<1	2.8	1330	0.01	18	0.47	102	0.60	<0.1	27	12.2
66327 (3418906)	13.7	1020	<2	<1	1.7	940	0.01	<5	0.27	0.8	0.61	<0.1	20	20.2
66328 (3418907)	15.0	1320	<2	<1	1.4	1460	<0.01	<5	0.22	0.3	0.28	<0.1	19	20.7
66329 (3418908)	15.5	1310	<2	<1	1.6	1210	0.01	<5	0.28	0.5	0.18	<0.1	20	20.2
66330 (3418909)	15.9	1220	<2	<1	2.2	1320	<0.01	<5	0.44	0.3	0.32	<0.1	20	22.5
66331 (3418910)	10.4	1970	<2	1	9.7	1000	0.08	12	2.12	83.2	0.68	<0.1	27	16.3
66332 (3418911)	13.5	1170	<2	1	6.7	1100	0.04	6	1.44	33.7	0.46	<0.1	21	22.6

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852765

PROJECT: 2021 Surimeau DDH Batch 82

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 11, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
66333 (3418912)	16.4	1070	<2	<1	1.1	1680	<0.01	<5	0.23	0.5	0.25	<0.1	18	22.6
66334 (3418913)	15.8	1040	<2	<1	1.2	1550	<0.01	<5	0.20	0.7	0.34	<0.1	17	21.3
66335 (3418914)	13.8	985	<2	<1	1.5	1350	<0.01	<5	0.20	0.4	0.83	<0.1	19	23.1
66336 (3418915)	13.9	1440	<2	<1	2.0	875	0.01	<5	0.34	0.9	0.79	<0.1	31	21.0
66337 (3418916)	11.7	1700	<2	<1	1.7	970	<0.01	<5	0.34	5.0	0.40	<0.1	25	21.3
66338 (3418917)	9.10	1890	<2	<1	2.1	980	<0.01	10	0.40	18.1	0.51	<0.1	22	17.9
66339 (3418918)	12.1	1230	<2	<1	1.6	1120	<0.01	<5	0.24	74.8	0.27	<0.1	21	23.2
66340 (3418919)	8.37	2340	<2	<1	2.4	1480	<0.01	7	0.40	8.3	0.38	<0.1	29	20.7
66341 (3418920)	9.43	2450	<2	<1	2.1	908	<0.01	10	0.40	44.7	0.56	0.1	23	19.1
66342 (3418921)	9.26	2350	<2	<1	1.8	1010	<0.01	11	0.36	48.7	0.63	<0.1	24	19.1
66343 (3418922)	11.9	1680	<2	<1	2.2	1400	0.01	<5	0.39	3.6	0.66	<0.1	24	21.4
66344 (3418923)	12.3	1690	<2	<1	2.0	1460	<0.01	<5	0.37	4.1	0.71	<0.1	25	21.0
66345 (3418924)	13.4	1060	<2	<1	1.4	1150	0.01	<5	0.24	0.7	0.47	<0.1	19	23.0
66346 (3418925)	14.0	1120	<2	<1	1.3	1150	<0.01	<5	0.27	1.2	0.51	0.1	20	23.2
66347 (3418926)	13.0	1220	<2	<1	4.6	877	0.03	<5	0.92	41.3	0.63	<0.1	25	21.4
66348 (3418927)	9.74	1710	<2	<1	2.7	591	0.05	8	0.54	51.4	0.29	<0.1	14	20.1
66349 (3418928)	12.3	992	<2	<1	1.3	1210	<0.01	7	0.21	140	0.27	<0.1	18	23.5
66350 (3418929)	12.2	1010	<2	<1	1.3	1130	<0.01	6	0.17	118	0.32	<0.1	19	24.2

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852765

PROJECT: 2021 Surimeau DDH Batch 82

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 11, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
66301 (3418880)	4.4	3	193	<0.5	0.45	6.1	0.33	<0.5	0.18	1.93	101	<1	13.4	1.3
66302 (3418881)	0.2	<1	77.9	<0.5	<0.05	<0.1	0.02	<0.5	<0.05	0.13	<5	<1	2.6	0.2
66303 (3418882)	4.5	4	165	0.5	0.49	7.0	0.35	<0.5	0.18	2.24	101	<1	14.3	1.5
66304 (3418883)	6.6	6	357	0.8	0.91	11.4	0.49	3.9	0.41	3.95	273	<1	28.3	2.9
66305 (3418884)	9.5	1	2080	0.5	0.72	9.7	0.31	<0.5	0.08	2.62	38	<1	9.2	0.6
66306 (3418885)	10.6	7	1110	<0.5	0.96	7.8	0.54	<0.5	0.31	1.89	214	<1	21.2	2.1
66307 (3418886)	1.1	1	54.4	<0.5	0.21	0.4	0.17	0.9	0.13	0.28	109	<1	7.6	0.8
66308 (3418887)	0.8	<1	23.4	<0.5	0.15	<0.1	0.17	<0.5	0.12	0.07	111	<1	5.6	0.8
66309 (3418888)	0.7	<1	28.8	<0.5	0.21	<0.1	0.19	<0.5	0.13	0.06	104	<1	7.2	0.9
66310 (3418889)	0.9	<1	43.6	<0.5	0.22	<0.1	0.22	<0.5	0.11	<0.05	141	<1	8.2	0.9
66311 (3418890)	0.9	<1	62.7	<0.5	0.24	<0.1	0.24	<0.5	0.18	<0.05	156	<1	9.2	1.1
66312 (3418891)	1.0	<1	66.7	<0.5	0.26	<0.1	0.24	<0.5	0.15	<0.05	161	<1	8.7	0.9
66313 (3418892)	0.8	<1	90.1	<0.5	0.21	<0.1	0.18	<0.5	0.13	<0.05	106	<1	7.7	0.7
66314 (3418893)	0.6	<1	73.5	<0.5	0.19	<0.1	0.18	<0.5	0.12	<0.05	105	<1	6.7	0.7
66315 (3418894)	0.6	<1	76.3	<0.5	0.19	<0.1	0.17	<0.5	0.10	<0.05	100	<1	6.6	0.8
66316 (3418895)	0.7	<1	150	<0.5	0.21	<0.1	0.15	<0.5	0.10	<0.05	92	<1	6.6	0.7
66317 (3418896)	0.5	<1	107	<0.5	0.17	<0.1	0.16	<0.5	0.12	<0.05	102	<1	6.2	0.7
66318 (3418897)	0.7	<1	92.5	<0.5	0.21	<0.1	0.18	<0.5	0.14	<0.05	109	<1	7.4	0.9
66319 (3418898)	0.8	<1	77.8	<0.5	0.24	<0.1	0.24	<0.5	0.19	<0.05	154	<1	9.7	1.1
66320 (3418899)	0.7	<1	101	<0.5	0.21	<0.1	0.23	<0.5	0.16	<0.05	146	<1	8.5	0.9
66321 (3418900)	0.6	<1	110	<0.5	0.15	<0.1	0.15	<0.5	0.10	<0.05	88	<1	5.2	0.7
66322 (3418901)	0.2	<1	67.1	<0.5	<0.05	0.1	<0.01	<0.5	<0.05	0.22	<5	<1	2.3	0.2
66323 (3418902)	1.3	<1	94.1	<0.5	0.25	0.5	0.17	<0.5	0.13	0.13	93	<1	7.2	0.7
66324 (3418903)	2.1	<1	84.5	<0.5	0.34	1.5	0.30	<0.5	0.19	0.43	149	<1	11.0	1.1
66325 (3418904)	0.7	<1	190	<0.5	0.21	<0.1	0.19	<0.5	0.13	0.07	116	<1	7.7	0.9
66326 (3418905)	1.0	<1	573	<0.5	0.28	<0.1	0.24	1.4	0.16	<0.05	138	<1	10.6	1.1
66327 (3418906)	0.7	<1	104	<0.5	0.18	<0.1	0.16	<0.5	0.11	<0.05	111	<1	7.6	0.9
66328 (3418907)	0.6	<1	112	<0.5	0.15	<0.1	0.16	<0.5	0.10	<0.05	100	<1	6.0	0.7
66329 (3418908)	0.6	<1	114	<0.5	0.17	<0.1	0.17	<0.5	0.10	<0.05	101	<1	6.2	1.0
66330 (3418909)	0.8	<1	56.8	<0.5	0.19	0.1	0.15	<0.5	0.11	0.07	96	<1	6.4	0.7
66331 (3418910)	2.3	<1	409	<0.5	0.37	1.5	0.28	1.1	0.20	0.55	142	<1	12.0	1.2
66332 (3418911)	1.7	<1	63.4	<0.5	0.28	1.7	0.22	<0.5	0.15	0.48	112	<1	8.9	1.0

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852765

PROJECT: 2021 Surimeau DDH Batch 82

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 11, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
66333 (3418912)	0.4	<1	29.9	<0.5	0.10	<0.1	0.15	<0.5	0.05	0.06	91	<1	4.1	0.5
66334 (3418913)	0.3	<1	108	<0.5	0.13	<0.1	0.14	<0.5	0.08	<0.05	80	<1	4.5	0.5
66335 (3418914)	0.6	<1	29.6	<0.5	0.20	<0.1	0.16	<0.5	0.10	<0.05	86	<1	5.6	0.7
66336 (3418915)	0.9	<1	41.4	<0.5	0.28	<0.1	0.27	<0.5	0.15	<0.05	157	<1	9.2	1.1
66337 (3418916)	0.8	<1	187	<0.5	0.19	<0.1	0.22	<0.5	0.12	0.07	123	<1	8.0	1.0
66338 (3418917)	0.8	<1	325	<0.5	0.22	<0.1	0.18	<0.5	0.15	<0.05	121	<1	8.8	1.0
66339 (3418918)	0.5	<1	27.4	<0.5	0.17	<0.1	0.18	0.9	0.14	0.06	116	<1	6.6	0.7
66340 (3418919)	0.8	<1	140	<0.5	0.22	<0.1	0.24	<0.5	0.18	<0.05	157	<1	9.4	1.2
66341 (3418920)	0.8	<1	321	<0.5	0.27	<0.1	0.19	0.5	0.17	0.06	119	<1	9.3	1.0
66342 (3418921)	0.8	<1	280	<0.5	0.23	<0.1	0.21	0.6	0.14	0.06	123	<1	8.6	1.2
66343 (3418922)	0.8	<1	98.8	<0.5	0.21	<0.1	0.20	<0.5	0.13	<0.05	127	<1	7.5	0.9
66344 (3418923)	0.8	<1	109	<0.5	0.21	<0.1	0.20	<0.5	0.13	<0.05	129	<1	7.3	0.9
66345 (3418924)	0.5	<1	30.9	<0.5	0.15	<0.1	0.15	<0.5	0.10	<0.05	93	<1	6.0	0.7
66346 (3418925)	0.6	<1	33.5	<0.5	0.16	<0.1	0.16	<0.5	0.11	0.08	99	<1	6.1	0.7
66347 (3418926)	1.4	<1	32.4	<0.5	0.30	0.6	0.24	0.5	0.17	0.25	132	<1	9.3	0.9
66348 (3418927)	0.9	<1	254	<0.5	0.20	<0.1	0.12	0.6	0.16	0.21	109	<1	9.8	1.1
66349 (3418928)	0.5	<1	35.1	<0.5	0.13	<0.1	0.15	1.7	0.09	0.10	89	<1	4.8	0.6
66350 (3418929)	0.6	<1	36.5	<0.5	0.16	<0.1	0.15	1.4	0.10	0.14	85	<1	5.3	0.8

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852765

PROJECT: 2021 Surimeau DDH Batch 82

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 11, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
66301 (3418880)	479	129
66302 (3418881)	<5	2.7
66303 (3418882)	169	145
66304 (3418883)	11800	239
66305 (3418884)	62	223
66306 (3418885)	184	132
66307 (3418886)	196	19.5
66308 (3418887)	71	14.5
66309 (3418888)	54	16.1
66310 (3418889)	63	16.9
66311 (3418890)	75	18.9
66312 (3418891)	73	20.0
66313 (3418892)	55	11.8
66314 (3418893)	55	14.9
66315 (3418894)	50	14.9
66316 (3418895)	49	13.9
66317 (3418896)	54	12.9
66318 (3418897)	50	16.7
66319 (3418898)	73	19.2
66320 (3418899)	60	16.4
66321 (3418900)	55	14.2
66322 (3418901)	<5	1.9
66323 (3418902)	58	23.6
66324 (3418903)	177	37.1
66325 (3418904)	56	15.2
66326 (3418905)	65	17.7
66327 (3418906)	49	13.0
66328 (3418907)	56	13.2
66329 (3418908)	55	14.5
66330 (3418909)	58	12.6
66331 (3418910)	73	45.7
66332 (3418911)	62	34.5

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852765

PROJECT: 2021 Surimeau DDH Batch 82

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 11, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
66333 (3418912)	51	12.8
66334 (3418913)	41	11.9
66335 (3418914)	44	14.4
66336 (3418915)	65	23.2
66337 (3418916)	62	17.0
66338 (3418917)	54	14.8
66339 (3418918)	56	15.3
66340 (3418919)	69	19.3
66341 (3418920)	63	16.2
66342 (3418921)	66	17.3
66343 (3418922)	58	16.6
66344 (3418923)	57	18.1
66345 (3418924)	45	12.1
66346 (3418925)	48	15.7
66347 (3418926)	60	26.7
66348 (3418927)	75	10.1
66349 (3418928)	70	11.6
66350 (3418929)	60	12.4

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852765

PROJECT: 2021 Surimeau DDH Batch 82

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 11, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Crush-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
66301 (3418880)	81.84
66320 (3418899)	84.18
66340 (3418919)	77.91

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852765

PROJECT: 2021 Surimeau DDH Batch 82

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jan 11, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 11, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Pul-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
66301 (3418880)	88.40
66320 (3418899)	85.37
66340 (3418919)	88.20

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 22O852765

PROJECT: 2021 Surimeau DDH Batch 82

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag					3418894	< 1	<1	0.0%								
Al	3418880	8.20	7.63	7.2%	3418894	3.05	3.19	4.5%	3418905	3.91	3.94	0.9%	3418920	3.36	3.30	1.8%
As					3418894	< 5	<5	0.0%					3418920	< 5	<5	0.0%
B	3418880	< 20	< 20	0.0%	3418894	< 20	<20	0.0%	3418905	<20	<20	0.0%	3418920	< 20	<20	0.0%
Ba	3418880	350	340	2.9%	3418894	1.7	1.9	11.1%	3418905	721	722	0.0%	3418920	158	154	2.6%
Be					3418894	< 5	<5	0.0%	3418905	<5	<5	0.0%	3418920	< 5	<5	0.0%
Bi					3418894	0.4	0.5	22.2%					3418920	0.5	0.5	0.0%
Ca	3418880	3.88	4.06	4.5%	3418894	4.34	4.48	3.2%	3418905	14.1	14.5	2.7%	3418920	12.9	12.6	2.4%
Cd					3418894	< 0.2	<0.2	0.0%					3418920	< 0.2	<0.2	0.0%
Ce					3418894	1.4	1.5	6.9%					3418920	2.7	2.7	0.0%
Co					3418894	99.4	99.4	0.0%					3418920	88.1	87.2	1.0%
Cr	3418880	0.027	0.028	3.6%	3418894	0.218	0.227	4.0%	3418905	0.269	0.271	0.7%	3418920	0.224	0.220	1.8%
Cs					3418894	0.3	0.3	0.0%					3418920	6.7	6.5	3.0%
Cu	3418880	358	332	7.5%	3418894	26	27	3.8%	3418905	42	45	7.0%	3418920	82	81	1.2%
Dy					3418894	1.26	1.31	3.9%					3418920	1.54	1.63	5.7%
Er					3418894	0.70	0.73	4.2%					3418920	1.10	1.01	8.5%
Eu					3418894	0.23	0.21	9.1%					3418920	0.36	0.33	8.7%
Fe	3418880	3.97	3.85	3.1%	3418894	7.17	7.43	3.6%	3418905	7.11	7.18	0.9%	3418920	7.09	6.98	1.6%
Ga					3418894	6.87	7.36	6.9%					3418920	7.58	7.45	1.7%
Gd					3418894	1.01	0.98	3.0%					3418920	1.35	1.12	18.6%
Ge					3418894	2	2	0.0%					3418920	2	2	0.0%
Hf					3418894	< 1	<1	0.0%					3418920	< 1	<1	0.0%
Ho					3418894	0.26	0.28	7.4%					3418920	0.35	0.38	8.2%
In					3418894	< 0.2	<0.2	0.0%					3418920	< 0.2	<0.2	0.0%
K	3418880	0.316	0.307	2.9%	3418894	< 0.05	<0.05	0.0%	3418905	2.15	2.15	0.4%	3418920	0.98	0.94	4.2%
La					3418894	0.5	0.5	0.0%					3418920	1.2	1.1	8.7%
Li	3418880	< 10	< 10	0.0%	3418894	< 10	<10	0.0%	3418905	94	94	0.1%	3418920	34	34	0.0%
Lu					3418894	0.14	0.12	15.4%					3418920	0.16	0.17	6.1%
Mg	3418880	1.21	1.22	0.8%	3418894	15.1	15.8	4.5%	3418905	9.14	9.15	0.1%	3418920	9.43	9.14	3.1%
Mn	3418880	682	700	2.6%	3418894	1200	1270	5.7%	3418905	2420	2470	2.1%	3418920	2450	2430	0.8%
Mo					3418894	< 2	<2	0.0%					3418920	< 2	<2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Nb					3418894	< 1	<1	0.0%					3418920	< 1	<1	0.0%
Nd					3418894	1.3	1.5	14.3%					3418920	2.1	2.3	9.1%
Ni	3418880	153	145	5.4%	3418894	1350	1390	2.9%	3418905	1330	1390	4.0%	3418920	908	890	2.0%
P	3418880	0.06	0.06	0.0%	3418894	< 0.01	<0.01	0.0%	3418905	0.01	0.01	8.4%	3418920	< 0.01	<0.01	0.0%
Pb					3418894	< 5	<5	0.0%					3418920	10	9	10.5%
Pr					3418894	0.23	0.20	14.0%					3418920	0.40	0.36	10.5%
Rb					3418894	0.4	0.4	0.0%					3418920	44.7	45.2	1.1%
S	3418880	2.06	1.90	8.1%	3418894	0.20	0.21	4.9%	3418905	0.60	0.64	6.8%	3418920	0.56	0.54	3.6%
Sb					3418894	< 0.1	<0.1	0.0%					3418920	0.1	<0.1	0.0%
Sc	3418880	16	16	0.0%	3418894	21	22	4.7%	3418905	27	27	1.5%	3418920	23	23	0.0%
Si	3418880	30.4	28.4	6.8%	3418894	20.4	21.0	2.9%	3418905	12.2	12.3	1.2%	3418920	19.1	18.9	1.1%
Sm					3418894	0.6	0.7	15.4%					3418920	0.8	0.8	0.0%
Sn					3418894	< 1	<1	0.0%					3418920	< 1	<1	0.0%
Sr	3418880	193	200	3.6%	3418894	76.3	79.1	3.6%	3418905	573	586	2.1%	3418920	321	317	1.3%
Ta					3418894	< 0.5	<0.5	0.0%					3418920	< 0.5	<0.5	0.0%
Tb					3418894	0.19	0.20	5.1%					3418920	0.27	0.26	3.8%
Th					3418894	< 0.1	<0.1	0.0%					3418920	< 0.1	<0.1	0.0%
Ti	3418880	0.328	0.321	2.2%	3418894	0.17	0.18	5.7%	3418905	0.24	0.23	1.4%	3418920	0.19	0.19	0.0%
Tl					3418894	< 0.5	<0.5	0.0%					3418920	0.5	0.5	0.0%
Tm					3418894	0.10	0.12	18.2%					3418920	0.17	0.13	26.7%
U					3418894	< 0.05	<0.05	0.0%					3418920	0.06	0.06	0.0%
V	3418880	101	99	2.0%	3418894	100	105	4.9%	3418905	138	142	2.5%	3418920	119	117	1.7%
W					3418894	< 1	<1	0.0%					3418920	< 1	<1	0.0%
Y					3418894	6.6	6.5	1.5%					3418920	9.3	9.1	2.2%
Yb					3418894	0.8	0.8	0.0%					3418920	1.0	0.9	10.5%
Zn	3418880	479	690		3418894	50	51	2.0%	3418905	65	64	1.5%	3418920	63	57	10.0%
Zr					3418894	14.9	16.7	11.4%					3418920	16.2	16.0	1.2%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 22O852765

PROJECT: 2021 Surimeau DDH Batch 82

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.OREAS-72B)				CRM #2 (ref.OREAS-74B)				CRM #3 (ref.OREAS-47)				CRM #4 (ref.OREAS-72B)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	4.72	4.62	98%	80% - 120%	3.54	3.51	99%	80% - 120%	6.32	6.23	99%	80% - 120%	4.72	4.53	96%	80% - 120%
Ba	335	340	102%	80% - 120%	210.0	224	107%	80% - 120%	473.0	487	103%	80% - 120%	335.0	326	97%	80% - 120%
Ca	2.82	2.78	99%	80% - 120%	3.09	3.21	104%	80% - 120%	2.33	2.43	104%	80% - 120%	2.82	2.85	101%	80% - 120%
Cr					978.0	1070	110%	80% - 120%					974.0	975	100%	80% - 120%
Cu	219	205	94%	80% - 120%	1021.0	1040	102%	80% - 120%					219.0	213	97%	80% - 120%
Fe	6.97	6.82	98%	80% - 120%	12.6	12.7	101%	80% - 120%	2.78	2.95	106%	80% - 120%	6.97	6.98	100%	80% - 120%
K	1.13	1.01	90%	80% - 120%	0.72	0.639	89%	80% - 120%	1.18	1.09	93%	80% - 120%	1.13	1.02	91%	80% - 120%
Li					29.3	27.1	92%	80% - 120%								
Mg	9.66	9.71	101%	80% - 120%	9.38	9.40	100%	80% - 120%	1.0	1.04	104%	80% - 120%	9.66	9.46	98%	80% - 120%
Mn	1010	983	97%	80% - 120%	930.0	977	105%	80% - 120%	496.0	544	110%	80% - 120%	1010.0	1000	99%	80% - 120%
Ni	7050	7219	102%	80% - 120%	34286.0	33700	98%	80% - 120%					7050.0	6750	96%	80% - 120%
P	0.029	0.028	95%	80% - 120%					0.056	0.056	99%	80% - 120%	0.029	0.024	83%	80% - 120%
S	1.48	1.41	95%	80% - 120%	6.61	6.38	96%	80% - 120%					1.48	1.38	93%	80% - 120%
Sc									9.27	9.27	100%	80% - 120%				
Si	24.02	25.25	105%	80% - 120%	19.68	20.2	102%	80% - 120%	33.99	35.4	104%	80% - 120%	24.02	24.8	103%	80% - 120%
Sr	61	60	98%	80% - 120%	54.0	52.0	96%	80% - 120%	402.0	388	97%	80% - 120%	61.0	56.1	92%	80% - 120%
Ti	0.208	0.207	100%	80% - 120%	0.15	0.155	103%	80% - 120%	0.23	0.231	101%	80% - 120%	0.208	0.211	101%	80% - 120%
V	77	71	92%	80% - 120%	62.0	65.5	106%	80% - 120%	61.0	62.5	102%	80% - 120%	77.0	74.6	97%	80% - 120%
Zn	98	84	86%	80% - 120%	133.0	141	106%	80% - 120%	217.0	231	106%	80% - 120%	90.0	90.9	101%	80% - 120%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O852765

PROJECT: 2021 Surimeau DDH Batch 82

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O852765

PROJECT: 2021 Surimeau DDH Batch 82

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O852765

PROJECT: 2021 Surimeau DDH Batch 82

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Crush-Pass %			BALANCE
Pul-Pass %			BALANCE

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 83

AGAT WORK ORDER: 22O852766

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Mar 10, 2022

PAGES (INCLUDING COVER): 16

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

Disclaimer:

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project Manager if you require additional sample storage time.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
- The test results reported herewith relate only to the samples as received by the laboratory.
- Measurement Uncertainty is not taken into consideration when stating conformity with a specified requirement.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852766

PROJECT: 2021 Surimeau DDH Batch 83

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
66351 (3421554)	3.860
66352 (3421555)	1.730
66353 (3421556)	1.990
66354 (3421557)	2.050
66355 (3421558)	2.790
66356 (3421559)	2.440
66357 (3421560)	2.110
66358 (3421561)	1.710
66359 (3421562)	2.250
66360 (3421563)	2.960
66361 (3421564)	-
66362 (3421565)	2.270
66363 (3421566)	2.450
66364 (3421567)	1.600
66365 (3421568)	3.340
66366 (3421569)	2.390
66367 (3421570)	2.710
66368 (3421571)	2.220
66369 (3421572)	2.060

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852766

PROJECT: 2021 Surimeau DDH Batch 83

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
66351 (3421554)	<1	3.23	<5	23	270	<5	0.3	7.32	0.2	3.4	73.0	0.189	13.1	11
66352 (3421555)	2	0.05	5	<20	15.7	<5	<0.1	35.4	<0.2	1.0	<0.5	0.008	<0.1	<5
66353 (3421556)	<1	3.16	<5	31	163	<5	0.3	7.97	0.3	2.3	82.6	0.210	5.2	<5
66354 (3421557)	<1	3.81	<5	26	513	<5	0.3	5.66	0.2	7.9	76.9	0.179	19.0	33
66355 (3421558)	1	7.14	<5	24	624	<5	0.3	6.20	0.2	64.4	39.9	0.051	2.6	137
66356 (3421559)	1	6.80	<5	28	1000	<5	0.3	5.86	0.2	67.9	39.0	0.053	3.2	104
66357 (3421560)	2	7.38	<5	32	366	<5	0.5	3.59	8.0	62.1	65.4	0.023	0.3	372
66358 (3421561)	1	8.79	<5	35	492	<5	0.7	3.40	12.9	60.3	73.0	0.033	<0.1	574
66359 (3421562)	1	9.13	<5	24	550	<5	0.5	2.93	7.4	66.2	57.1	0.031	0.5	471
66360 (3421563)	1	9.01	<5	24	1160	<5	0.6	2.39	<0.2	59.0	32.2	0.040	2.2	159
66361 (3421564)	1	8.63	<5	22	1090	<5	0.6	2.35	<0.2	56.8	33.3	0.038	2.1	162
66362 (3421565)	1	9.39	<5	22	1200	<5	0.6	2.43	<0.2	63.9	29.0	0.038	3.1	103
66363 (3421566)	3	9.49	<5	23	1260	<5	0.4	1.87	<0.2	61.7	31.1	0.036	3.7	73
66364 (3421567)	1	9.24	<5	27	709	<5	0.4	2.84	<0.2	58.8	34.3	0.042	4.2	182
66365 (3421568)	2	8.87	<5	25	675	<5	0.4	2.92	<0.2	57.9	32.7	0.039	3.7	185
66366 (3421569)	2	9.69	<5	21	925	<5	0.5	1.69	<0.2	66.4	29.6	0.040	2.7	160
66367 (3421570)	2	9.41	<5	26	904	<5	0.5	1.15	<0.2	61.4	27.8	0.031	3.3	45
66368 (3421571)	5	8.77	<5	25	421	<5	0.4	1.64	<0.2	61.6	31.7	0.036	5.7	52
66369 (3421572)	<1	9.23	<5	30	598	<5	0.2	1.23	<0.2	57.8	27.3	0.034	5.9	49

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852766

PROJECT: 2021 Surimeau DDH Batch 83

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
66351 (3421554)	1.26	0.78	0.49	6.58	11.3	1.10	3	<1	0.27	<0.2	1.67	1.6	62	0.12
66352 (3421555)	0.22	0.16	0.05	0.16	0.30	0.27	<1	<1	<0.05	<0.2	<0.05	1.1	<10	<0.05
66353 (3421556)	1.45	0.93	0.55	6.98	11.8	1.07	3	<1	0.30	<0.2	0.79	0.9	31	0.13
66354 (3421557)	1.52	0.91	0.53	6.82	14.3	1.52	2	<1	0.33	<0.2	2.47	3.4	87	0.13
66355 (3421558)	3.51	1.89	1.70	7.29	19.8	5.06	2	3	0.66	<0.2	0.70	32.3	26	0.27
66356 (3421559)	4.37	2.49	1.86	7.21	20.2	5.87	2	3	0.83	<0.2	1.06	33.2	36	0.38
66357 (3421560)	3.54	1.99	1.81	7.87	20.5	4.27	2	3	0.68	1.1	0.19	32.0	<10	0.31
66358 (3421561)	3.50	1.93	1.96	7.90	20.9	4.17	1	4	0.68	1.5	0.18	31.6	<10	0.34
66359 (3421562)	3.45	1.97	2.16	6.11	23.7	4.43	1	4	0.69	0.9	0.46	34.2	<10	0.32
66360 (3421563)	3.76	2.06	1.42	5.56	25.0	4.66	1	3	0.73	<0.2	2.69	29.7	34	0.31
66361 (3421564)	3.75	2.19	1.34	5.64	26.1	4.38	<1	3	0.69	<0.2	2.55	28.8	33	0.29
66362 (3421565)	3.52	1.92	1.34	5.52	26.5	4.44	1	3	0.68	<0.2	3.31	32.3	46	0.27
66363 (3421566)	3.57	2.03	1.36	5.82	26.1	4.60	1	3	0.69	<0.2	3.14	31.6	49	0.29
66364 (3421567)	3.52	1.93	1.38	6.07	24.5	4.48	1	3	0.70	<0.2	1.88	30.6	44	0.28
66365 (3421568)	3.56	1.86	1.49	6.08	23.3	4.43	2	3	0.63	<0.2	1.69	29.7	41	0.25
66366 (3421569)	3.43	1.77	1.23	5.17	28.5	4.54	1	4	0.61	<0.2	2.25	34.0	41	0.24
66367 (3421570)	3.46	1.88	1.34	5.16	27.0	4.49	1	3	0.66	<0.2	3.63	31.6	45	0.28
66368 (3421571)	3.83	2.05	1.58	5.96	22.5	4.38	1	3	0.72	<0.2	3.09	31.8	54	0.29
66369 (3421572)	3.29	1.85	1.44	5.16	24.1	4.08	2	4	0.63	<0.2	3.12	29.8	60	0.26

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852766

PROJECT: 2021 Surimeau DDH Batch 83

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
66351 (3421554)	11.3	1180	<2	1	2.1	936	0.29	6	0.43	79.0	0.15	<0.1	19	23.2
66352 (3421555)	2.07	105	<2	<1	1.0	<5	<0.01	<5	0.20	0.2	0.49	<0.1	<5	4.95
66353 (3421556)	10.8	1550	<2	1	2.3	1140	<0.01	6	0.38	34.9	0.12	<0.1	21	23.7
66354 (3421557)	11.4	1300	4	1	5.2	1060	0.03	6	1.10	123	0.22	<0.1	21	23.7
66355 (3421558)	4.83	1240	20	4	34.4	115	0.17	22	8.20	30.1	0.99	<0.1	29	24.8
66356 (3421559)	5.12	1350	<2	5	37.5	97	0.17	18	8.87	65.8	1.44	<0.1	29	24.5
66357 (3421560)	2.58	802	<2	4	29.9	198	0.07	17	7.57	4.9	3.17	<0.1	22	26.7
66358 (3421561)	1.16	580	30	5	28.5	235	0.08	26	7.37	2.1	4.06	<0.1	18	27.7
66359 (3421562)	0.86	394	<2	6	30.7	249	0.09	30	7.89	13.3	3.11	<0.1	17	28.5
66360 (3421563)	1.81	472	2	5	30.3	104	0.08	31	7.36	94.8	2.46	<0.1	24	26.4
66361 (3421564)	1.77	471	2	5	29.3	118	0.08	29	7.22	94.8	2.49	<0.1	23	27.2
66362 (3421565)	2.07	541	7	5	31.1	93	0.07	20	7.86	139	2.58	<0.1	24	25.7
66363 (3421566)	1.94	473	13	6	30.6	106	0.07	25	7.62	129	2.71	<0.1	24	25.2
66364 (3421567)	2.73	664	11	5	28.8	102	0.07	26	7.32	106	2.40	<0.1	27	25.5
66365 (3421568)	2.63	674	12	5	28.3	88	0.07	26	7.17	94.9	2.36	<0.1	27	25.4
66366 (3421569)	1.70	401	<2	6	32.0	114	0.07	23	8.17	101	2.28	<0.1	23	25.6
66367 (3421570)	1.98	460	<2	5	29.8	103	0.06	13	7.45	147	2.20	<0.1	23	25.7
66368 (3421571)	2.81	769	<2	6	31.1	95	0.08	17	7.77	160	2.04	<0.1	25	25.1
66369 (3421572)	2.20	639	2	6	28.4	140	0.06	14	7.14	131	0.41	<0.1	21	27.3

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852766

PROJECT: 2021 Surimeau DDH Batch 83

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
66351 (3421554)	0.7	2	83.1	<0.5	0.18	<0.1	0.16	0.9	0.11	0.45	137	<1	7.5	0.8
66352 (3421555)	0.2	<1	72.4	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.27	<5	<1	2.0	0.1
66353 (3421556)	0.7	4	70.1	<0.5	0.20	<0.1	0.16	<0.5	0.12	0.08	170	<1	8.1	0.9
66354 (3421557)	1.5	2	150	<0.5	0.24	0.8	0.21	1.3	0.13	0.27	136	<1	8.2	0.9
66355 (3421558)	6.6	5	924	<0.5	0.63	4.6	0.47	0.6	0.25	1.38	224	<1	18.2	1.7
66356 (3421559)	7.4	3	700	<0.5	0.76	5.3	0.44	1.6	0.36	1.62	202	<1	22.2	2.4
66357 (3421560)	5.5	5	352	<0.5	0.62	7.3	0.30	<0.5	0.29	2.16	132	<1	18.3	2.0
66358 (3421561)	4.9	5	484	<0.5	0.58	8.4	0.27	<0.5	0.29	2.59	94	<1	18.3	2.2
66359 (3421562)	5.4	6	507	<0.5	0.62	10.6	0.28	<0.5	0.28	3.12	78	<1	18.1	2.0
66360 (3421563)	5.5	4	244	<0.5	0.61	7.9	0.40	1.8	0.31	2.34	158	<1	20.1	2.1
66361 (3421564)	5.4	4	237	<0.5	0.60	7.7	0.40	1.9	0.30	2.20	156	<1	19.5	2.0
66362 (3421565)	5.7	5	173	<0.5	0.61	8.1	0.40	2.8	0.26	2.28	168	<1	18.5	1.7
66363 (3421566)	5.8	2	221	<0.5	0.61	8.3	0.41	2.5	0.27	2.43	168	<1	18.8	1.9
66364 (3421567)	5.5	2	286	<0.5	0.59	7.6	0.44	2.2	0.27	2.43	194	<1	19.2	1.9
66365 (3421568)	5.4	1	282	<0.5	0.58	7.2	0.44	1.9	0.27	2.12	189	<1	18.6	1.7
66366 (3421569)	5.6	1	208	<0.5	0.61	8.7	0.40	1.5	0.26	2.57	154	1	16.8	1.7
66367 (3421570)	5.4	1	102	<0.5	0.62	8.3	0.40	2.2	0.27	2.28	159	2	18.8	1.9
66368 (3421571)	5.8	2	180	<0.5	0.62	7.9	0.42	2.8	0.31	2.25	162	<1	19.4	2.0
66369 (3421572)	5.1	1	153	<0.5	0.55	7.3	0.40	1.8	0.27	2.34	153	<1	18.1	1.7

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852766

PROJECT: 2021 Surimeau DDH Batch 83

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
66351 (3421554)	146	12.0
66352 (3421555)	6	1.0
66353 (3421556)	247	15.7
66354 (3421557)	247	23.5
66355 (3421558)	205	103
66356 (3421559)	271	113
66357 (3421560)	3740	126
66358 (3421561)	5760	129
66359 (3421562)	3550	149
66360 (3421563)	129	119
66361 (3421564)	126	122
66362 (3421565)	103	118
66363 (3421566)	79	120
66364 (3421567)	165	119
66365 (3421568)	153	114
66366 (3421569)	94	120
66367 (3421570)	85	116
66368 (3421571)	99	110
66369 (3421572)	110	128

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852766

PROJECT: 2021 Surimeau DDH Batch 83

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Crush-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
66351 (3421554)	78.95

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O852766

PROJECT: 2021 Surimeau DDH Batch 83

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 12, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Pul-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
66351 (3421554)	86.54

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 22O852766

PROJECT: 2021 Surimeau DDH Batch 83

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2													
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD										
Ag	3421554	< 1	<1	0.0%	3421568	2	2	0.0%										
Al	3421554	3.23	3.26	0.9%	3421568	8.87	8.89	0.2%										
As	3421554	< 5	<5	0.0%	3421568	< 5	< 5	0.0%										
B	3421554	23	25	8.3%	3421568	25	24	4.1%										
Ba	3421554	270	281	4.0%	3421568	675	672	0.4%										
Be	3421554	< 5	<5	0.0%	3421568	< 5	< 5	0.0%										
Bi	3421554	0.3	0.3	0.0%	3421568	0.4	0.4	0.0%										
Ca	3421554	7.32	7.19	1.8%	3421568	2.92	2.92	0.0%										
Cd	3421554	0.2	0.3	40.0%	3421568	< 0.2	< 0.2	0.0%										
Ce	3421554	3.4	3.1	9.2%	3421568	57.9	56.7	2.1%										
Co	3421554	73.0	74.1	1.5%	3421568	32.7	33.1	1.2%										
Cr	3421554	0.189	0.188	0.5%	3421568	0.039	0.040	2.5%										
Cs	3421554	13.1	14.0	6.6%	3421568	3.7	3.61	2.5%										
Cu	3421554	11	9	20.0%	3421568	185	191	3.2%										
Dy	3421554	1.26	1.26	0.0%	3421568	3.56	3.46	2.8%										
Er	3421554	0.78	0.83	6.2%	3421568	1.86	1.96	5.2%										
Eu	3421554	0.49	0.47	4.2%	3421568	1.49	1.44	3.4%										
Fe	3421554	6.58	6.59	0.2%	3421568	6.08	6.05	0.5%										
Ga	3421554	11.3	12.0	6.0%	3421568	23.3	24.2	3.8%										
Gd	3421554	1.10	1.00	9.5%	3421568	4.43	4.48	1.1%										
Ge	3421554	3	2	40.0%	3421568	2	2	0.0%										
Hf	3421554	< 1	<1	0.0%	3421568	3	3	0.0%										
Ho	3421554	0.27	0.27	0.0%	3421568	0.63	0.66	4.7%										
In	3421554	< 0.2	<0.2	0.0%	3421568	< 0.2	< 0.2	0.0%										
K	3421554	1.67	1.76	5.2%	3421568	1.69	1.71	1.2%										
La	3421554	1.6	1.5	6.5%	3421568	29.7	29.5	0.7%										
Li	3421554	62	66	6.3%	3421568	41	41	0.0%										
Lu	3421554	0.12	0.12	0.0%	3421568	0.25	0.278	10.6%										
Mg	3421554	11.3	11.2	0.9%	3421568	2.63	2.67	1.5%										
Mn	3421554	1180	1170	0.9%	3421568	674	682	1.2%										
Mo	3421554	< 2	<2	0.0%	3421568	12	15	22.2%										

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 22O852766

PROJECT: 2021 Surimeau DDH Batch 83

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Nb	3421554	1	<1	0.0%	3421568	5	5	0.0%								
Nd	3421554	2.1	2.1	0.0%	3421568	28.3	28.6	1.1%								
Ni	3421554	936	930	0.6%	3421568	88	87	1.1%								
P	3421554	0.29	0.27	7.1%	3421568	0.07	0.07	0.0%								
Pb	3421554	6	6	0.0%	3421568	26	26	0.0%								
Pr	3421554	0.43	0.41	4.8%	3421568	7.17	7.04	1.8%								
Rb	3421554	79.0	83.6	5.7%	3421568	94.9	96.3	1.5%								
S	3421554	0.15	0.15	0.0%	3421568	2.36	2.37	0.4%								
Sb	3421554	< 0.1	<0.1	0.0%	3421568	< 0.1	< 0.1	0.0%								
Sc	3421554	19	19	0.0%	3421568	27	27	0.0%								
Si	3421554	23.2	23.4	0.9%	3421568	25.4	25.3	0.4%								
Sm	3421554	0.7	0.6	15.4%	3421568	5.4	5.66	4.7%								
Sn	3421554	2	2	0.0%	3421568	1	2	66.7%								
Sr	3421554	83.1	79.9	3.9%	3421568	282	283	0.4%								
Ta	3421554	< 0.5	<0.5	0.0%	3421568	< 0.5	< 0.5	0.0%								
Tb	3421554	0.18	0.18	0.0%	3421568	0.58	0.59	1.7%								
Th	3421554	< 0.1	<0.1	0.0%	3421568	7.2	7.5	4.1%								
Ti	3421554	0.16	0.16	0.0%	3421568	0.44	0.44	0.0%								
Tl	3421554	0.9	0.9	0.0%	3421568	1.9	1.9	0.0%								
Tm	3421554	0.11	0.11	0.0%	3421568	0.27	0.288	6.5%								
U	3421554	0.45	0.46	2.2%	3421568	2.12	2.16	1.9%								
V	3421554	137	133	3.0%	3421568	189	194	2.6%								
W	3421554	< 1	<1	0.0%	3421568	< 1	< 1	0.0%								
Y	3421554	7.5	7.3	2.7%	3421568	18.6	18.8	1.1%								
Yb	3421554	0.8	0.8	0.0%	3421568	1.7	1.79	5.2%								
Zn	3421554	146	145	0.7%	3421568	153	154	0.7%								
Zr	3421554	12.0	13.5	11.8%	3421568	114	112	1.8%								

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 22O852766

PROJECT: 2021 Surimeau DDH Batch 83

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.OREAS-47)				CRM #2 (ref.OREAS-72B)											
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Al	6.32	6.15	97%	80% - 120%												
Ba	473.0	477	101%	80% - 120%												
Ca	2.33	2.34	100%	80% - 120%												
Ce					43.5	40	93%	80% - 120%								
Co					138.0	131	95%	80% - 120%								
Cr	112.86	89.9	80%	80% - 120%												
Dy					2.74	2.6	94%	80% - 120%								
Er					1.69	1.6	93%	80% - 120%								
Eu					0.74	0.7	92%	80% - 120%								
Fe	2.78	2.88	104%	80% - 120%												
Ga					11.1	13	115%	80% - 120%								
Gd					2.75	2.7	98%	80% - 120%								
Ho					0.56	0.5	95%	80% - 120%								
K	1.18	1.16	99%	80% - 120%												
La					24.2	24.0	99%	80% - 120%								
Mg	1.0	0.973	97%	80% - 120%												
Mn	496.0	503	101%	80% - 120%												
Nb					5.48	4	78%	80% - 120%								
Nd					16.9	15.7	93%	80% - 120%								
P	0.056	0.054	97%	80% - 120%												
Pb					14.1	15	103%	80% - 120%								
Pr					4.79	4.3	90%	80% - 120%								
Rb					47.2	46	97%	80% - 120%								
Sc	9.27	9.13	98%	80% - 120%												
Si	33.99	32.9	97%	80% - 120%												
Sr	402.0	381	95%	80% - 120%												
Tb					0.46	0.4	89%	80% - 120%								
Th					10.3	11	104%	80% - 120%								
Ti	0.23	0.221	96%	80% - 120%												
U					4.76	5	98%	80% - 120%								
V	61.0	58.2	95%	80% - 120%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Y					15.3	15.3	100%	80% - 120%								
Zn	217.0	211	97%	80% - 120%												
Zr					86.0	85.5	99%	80% - 120%								

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED
AGAT WORK ORDER: 22O852766
PROJECT: 2021 Surimeau DDH Batch 83
ATTENTION TO: Francis Newton
SAMPLING SITE:
SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O852766

PROJECT: 2021 Surimeau DDH Batch 83

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O852766

PROJECT: 2021 Surimeau DDH Batch 83

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Crush-Pass %			BALANCE
Pul-Pass %			BALANCE

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 83

AGAT WORK ORDER: 22O853242

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Mar 10, 2022

PAGES (INCLUDING COVER): 18

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

Disclaimer:

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project Manager if you require additional sample storage time.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
- The test results reported herewith relate only to the samples as received by the laboratory.
- Measurement Uncertainty is not taken into consideration when stating conformity with a specified requirement.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853242

PROJECT: 2021 Surimeau DDH Batch 83

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
66370 (3422318)	3.620
66371 (3422319)	1.710
66372 (3422320)	1.340
66373 (3422321)	2.870
66374 (3422322)	3.340
66375 (3422323)	3.140
66376 (3422324)	2.060
66377 (3422325)	3.130
66378 (3422326)	2.670
66379 (3422327)	2.380
66380 (3422328)	2.430
66381 (3422329)	2.150
66382 (3422330)	1.790
66383 (3422331)	2.010
66384 (3422332)	1.600
66385 (3422333)	1.570
66386 (3422334)	1.690
66387 (3422335)	2.640
66388 (3422336)	2.890
66389 (3422337)	1.700
66390 (3422338)	2.110
66391 (3422339)	2.550
66392 (3422340)	1.360
66393 (3422341)	2.120
66394 (3422342)	1.830
66395 (3422343)	-
66396 (3422344)	2.720
66397 (3422345)	2.010
66398 (3422346)	1.800
66399 (3422347)	2.460
66400 (3422348)	3.190

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853242

PROJECT: 2021 Surimeau DDH Batch 83

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jan 12, 2022	DATE RECEIVED: Jan 13, 2022	DATE REPORTED: Mar 10, 2022	SAMPLE TYPE: Drill Core

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853242

PROJECT: 2021 Surimeau DDH Batch 83

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
66370 (3422318)	<1	2.78	<5	<20	98.5	<5	0.4	9.06	<0.2	2.7	77.8	0.186	3.2	38
66371 (3422319)	<1	3.19	<5	<20	381	<5	0.3	13.4	<0.2	2.8	72.9	0.196	13.9	8
66372 (3422320)	<1	0.07	<5	<20	14.7	<5	<0.1	33.1	<0.2	1.1	0.7	0.006	<0.1	<5
66373 (3422321)	<1	2.84	<5	<20	32.8	<5	0.5	6.40	<0.2	1.3	80.6	0.210	1.6	46
66374 (3422322)	<1	2.95	<5	<20	1.6	<5	0.7	5.43	<0.2	1.4	91.6	0.206	0.5	53
66375 (3422323)	<1	2.85	<5	<20	0.6	<5	0.3	5.50	<0.2	2.1	79.6	0.209	0.4	48
66376 (3422324)	<1	3.09	<5	<20	2.0	<5	0.5	3.64	<0.2	1.9	92.3	0.219	0.6	35
66377 (3422325)	<1	3.42	<5	<20	17.7	<5	0.5	3.19	<0.2	1.6	85.7	0.231	1.4	45
66378 (3422326)	<1	3.17	<5	<20	484	<5	0.5	4.17	0.3	1.7	74.1	0.183	26.9	22
66379 (3422327)	<1	2.70	<5	<20	331	<5	0.5	4.40	0.2	1.8	70.0	0.169	19.6	13
66380 (3422328)	<1	3.30	<5	<20	7.4	<5	0.4	3.57	<0.2	1.6	92.1	0.199	0.9	67
66381 (3422329)	<1	3.11	<5	<20	2.3	<5	0.4	4.93	<0.2	2.0	93.9	0.207	0.4	126
66382 (3422330)	<1	3.14	<5	<20	6.3	<5	0.5	4.34	<0.2	1.4	90.2	0.207	0.9	54
66383 (3422331)	<1	2.81	<5	<20	237	<5	0.6	4.39	<0.2	1.1	81.4	0.187	16.7	28
66384 (3422332)	<1	3.27	<5	<20	565	<5	0.6	4.76	<0.2	1.4	88.4	0.235	32.6	47
66385 (3422333)	<1	3.12	<5	<20	181	<5	1.1	8.13	0.2	3.4	107	0.284	8.7	61
66386 (3422334)	<1	4.10	<5	<20	64.3	<5	0.9	15.7	<0.2	2.7	92.5	0.299	1.3	13
66387 (3422335)	<1	3.23	<5	<20	142	<5	0.5	8.71	<0.2	2.9	90.7	0.234	6.3	34
66388 (3422336)	<1	2.81	<5	<20	241	<5	0.3	6.22	<0.2	1.5	82.1	0.208	22.2	35
66389 (3422337)	<1	3.41	<5	<20	401	<5	0.3	5.26	<0.2	1.4	85.6	0.224	32.2	<5
66390 (3422338)	<1	2.83	<5	<20	337	<5	0.4	6.06	<0.2	1.6	91.5	0.227	23.9	5
66391 (3422339)	<1	3.17	<5	<20	65.2	<5	0.3	5.65	<0.2	3.1	82.5	0.197	6.3	71
66392 (3422340)	<1	3.28	<5	<20	60.0	<5	0.2	5.42	0.2	2.0	80.3	0.211	5.9	75
66393 (3422341)	<1	3.65	<5	<20	271	<5	0.4	4.59	<0.2	1.2	90.1	0.249	21.8	54
66394 (3422342)	<1	2.51	<5	<20	20.8	<5	0.6	6.44	<0.2	1.4	96.4	0.209	1.8	49
66395 (3422343)	<1	2.40	<5	<20	17.4	<5	0.6	6.28	<0.2	1.3	93.0	0.197	1.5	46
66396 (3422344)	<1	2.89	<5	<20	57.9	<5	0.6	15.9	<0.2	2.5	102	0.225	2.1	24
66397 (3422345)	<1	5.45	<5	<20	54.8	<5	2.0	10.0	<0.2	3.4	177	0.390	<0.1	116
66398 (3422346)	<1	5.05	<5	<20	89.1	<5	1.6	12.7	<0.2	3.1	150	0.356	<0.1	89
66399 (3422347)	<1	5.85	<5	<20	62.1	<5	1.4	5.78	<0.2	3.4	124	0.392	<0.1	72
66400 (3422348)	<1	6.09	<5	<20	175	6	1.6	7.39	0.3	4.9	172	0.382	0.2	174

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853242

PROJECT: 2021 Surimeau DDH Batch 83

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
66370 (3422318)	1.39	0.92	0.29	6.62	5.65	1.11	1	<1	0.30	<0.2	0.35	1.3	15	0.13
66371 (3422319)	1.39	0.91	0.68	6.56	6.35	1.02	1	<1	0.28	<0.2	1.44	1.4	55	0.12
66372 (3422320)	0.22	0.14	<0.05	0.18	0.33	0.19	1	<1	<0.05	<0.2	<0.05	1.2	<10	<0.05
66373 (3422321)	1.15	0.71	0.28	6.50	6.47	0.85	2	<1	0.24	<0.2	0.18	0.4	<10	0.09
66374 (3422322)	1.15	0.78	0.27	6.74	6.67	0.92	2	<1	0.26	<0.2	<0.05	0.5	<10	0.10
66375 (3422323)	1.46	0.97	0.26	6.36	5.95	1.22	2	<1	0.33	<0.2	<0.05	0.7	<10	0.12
66376 (3422324)	1.26	0.82	0.18	6.94	7.98	0.97	2	<1	0.28	<0.2	<0.05	0.8	<10	0.11
66377 (3422325)	1.17	0.71	0.16	7.43	8.98	0.85	3	<1	0.23	<0.2	0.11	0.5	<10	0.12
66378 (3422326)	1.06	0.72	0.29	6.21	11.7	0.97	3	<1	0.22	<0.2	2.85	0.4	69	0.11
66379 (3422327)	1.53	0.89	0.22	6.45	9.91	1.19	3	<1	0.29	<0.2	2.02	0.6	49	0.11
66380 (3422328)	1.30	0.84	0.18	7.20	10.5	1.04	3	<1	0.25	<0.2	0.06	0.5	<10	0.11
66381 (3422329)	1.45	0.87	0.19	7.29	8.91	1.07	3	<1	0.27	<0.2	<0.05	0.7	<10	0.13
66382 (3422330)	1.21	0.72	0.15	7.00	8.92	0.89	2	<1	0.25	<0.2	0.06	0.4	<10	0.13
66383 (3422331)	1.11	0.78	0.14	6.28	9.34	0.91	3	<1	0.23	<0.2	1.46	0.3	38	0.10
66384 (3422332)	1.20	0.79	0.22	6.78	10.3	0.85	2	<1	0.25	<0.2	3.02	0.5	85	0.12
66385 (3422333)	1.55	0.98	0.58	7.56	11.3	1.30	3	<1	0.32	<0.2	0.91	1.4	35	0.15
66386 (3422334)	2.03	1.26	0.51	7.25	9.77	1.49	2	<1	0.40	<0.2	0.30	1.2	14	0.20
66387 (3422335)	1.76	1.11	0.37	7.46	9.57	1.44	2	<1	0.34	<0.2	0.69	1.2	31	0.19
66388 (3422336)	1.35	0.78	0.23	6.57	8.72	0.89	3	<1	0.26	<0.2	1.93	0.5	79	0.11
66389 (3422337)	1.43	0.90	0.15	6.81	10.5	0.93	2	<1	0.26	<0.2	2.76	0.4	104	0.13
66390 (3422338)	1.20	0.79	0.26	6.45	9.91	0.90	3	<1	0.27	<0.2	2.10	0.4	77	0.11
66391 (3422339)	1.46	0.88	0.23	6.94	9.45	1.09	3	<1	0.31	<0.2	0.53	1.2	22	0.14
66392 (3422340)	1.40	0.94	0.19	7.00	8.81	0.97	3	<1	0.29	<0.2	0.47	0.7	21	0.13
66393 (3422341)	1.23	0.80	0.14	6.91	11.1	0.95	2	<1	0.28	<0.2	1.81	0.3	56	0.13
66394 (3422342)	1.06	0.76	0.18	6.50	7.17	0.93	3	<1	0.23	<0.2	0.15	0.4	<10	0.11
66395 (3422343)	1.32	0.74	0.20	6.27	6.08	0.83	2	<1	0.23	<0.2	0.14	0.4	<10	0.13
66396 (3422344)	1.43	0.87	0.44	5.47	7.46	1.10	<1	<1	0.29	<0.2	0.26	1.2	15	0.13
66397 (3422345)	2.33	1.58	0.48	7.15	10.5	1.71	1	<1	0.50	<0.2	0.13	1.4	16	0.24
66398 (3422346)	2.02	1.28	0.45	6.00	9.10	1.70	<1	<1	0.41	<0.2	0.14	1.5	15	0.22
66399 (3422347)	2.39	1.59	0.52	8.26	13.4	2.08	1	<1	0.50	<0.2	0.12	1.3	13	0.23
66400 (3422348)	2.75	1.74	0.56	7.97	13.6	2.04	2	<1	0.57	<0.2	0.27	2.2	19	0.28

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853242

PROJECT: 2021 Surimeau DDH Batch 83

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
66370 (3422318)	11.7	1410	<2	<1	2.0	996	<0.01	<5	0.39	16.0	0.43	0.6	19	18.0
66371 (3422319)	9.10	1910	<2	<1	2.2	747	<0.01	9	0.42	76.6	0.25	0.5	21	13.8
66372 (3422320)	2.32	107	<2	<1	0.8	7	<0.01	<5	0.23	0.4	0.60	0.8	<5	4.05
66373 (3422321)	13.4	1060	<2	<1	1.2	1270	<0.01	<5	0.22	7.8	0.39	0.5	19	19.3
66374 (3422322)	13.8	1070	<2	<1	1.6	1250	<0.01	<5	0.26	1.2	0.41	0.7	20	19.4
66375 (3422323)	14.0	1020	<2	<1	2.2	1040	0.02	<5	0.34	0.6	0.35	1.1	18	19.4
66376 (3422324)	14.4	1090	<2	<1	1.7	1070	<0.01	<5	0.30	1.3	0.25	1.1	22	20.1
66377 (3422325)	14.8	1150	<2	<1	1.5	1090	<0.01	<5	0.26	5.7	0.31	0.9	23	20.9
66378 (3422326)	12.7	931	<2	<1	1.7	888	<0.01	9	0.29	146	0.16	0.8	18	22.0
66379 (3422327)	13.4	1130	<2	<1	2.0	795	<0.01	<5	0.34	105	0.15	1.0	19	23.3
66380 (3422328)	14.1	1190	<2	<1	1.8	1020	<0.01	<5	0.27	2.7	0.40	1.2	22	21.0
66381 (3422329)	13.8	1080	<2	<1	1.9	1070	<0.01	<5	0.34	1.2	0.79	1.2	22	21.1
66382 (3422330)	14.6	1130	<2	<1	1.5	1210	<0.01	<5	0.25	3.1	0.50	1.6	21	21.7
66383 (3422331)	13.1	1060	<2	<1	1.3	1080	<0.01	<5	0.20	80.9	0.32	0.9	19	21.6
66384 (3422332)	12.4	1030	<2	<1	1.4	1220	<0.01	<5	0.23	155	0.48	0.7	22	21.8
66385 (3422333)	10.1	1760	<2	2	2.6	1290	0.02	<5	0.48	43.8	0.58	0.4	27	21.0
66386 (3422334)	5.31	2540	<2	<1	2.5	1170	0.01	10	0.40	7.3	0.28	0.7	30	15.5
66387 (3422335)	10.4	1780	<2	<1	2.3	918	0.01	<5	0.46	30.2	0.34	<0.1	29	22.0
66388 (3422336)	11.7	1320	<2	<1	1.6	1050	<0.01	<5	0.25	94.1	0.20	<0.1	20	22.9
66389 (3422337)	11.9	1150	<2	<1	1.6	964	<0.01	5	0.26	129	0.09	<0.1	22	22.6
66390 (3422338)	12.1	1180	<2	<1	1.5	1280	<0.01	6	0.28	97.5	0.13	<0.1	21	23.3
66391 (3422339)	12.8	1130	<2	<1	2.0	723	0.10	<5	0.43	25.2	0.37	<0.1	21	21.3
66392 (3422340)	13.2	1130	<2	<1	1.7	731	0.03	<5	0.33	24.2	0.38	<0.1	22	21.3
66393 (3422341)	13.5	1070	<2	<1	1.4	1030	<0.01	<5	0.18	92.5	0.31	<0.1	23	21.6
66394 (3422342)	13.6	1230	<2	<1	1.4	1380	0.01	<5	0.21	7.1	0.48	<0.1	19	22.9
66395 (3422343)	13.1	1190	<2	<1	1.2	1340	<0.01	<5	0.22	6.0	0.46	<0.1	18	22.2
66396 (3422344)	7.00	2060	<2	<1	2.0	1200	<0.01	10	0.37	10.7	0.42	<0.1	21	13.9
66397 (3422345)	3.26	2510	<2	<1	3.1	1810	0.01	11	0.57	2.2	0.35	<0.1	36	21.0
66398 (3422346)	3.03	2560	<2	<1	2.8	1690	0.01	13	0.49	2.2	0.35	<0.1	33	20.1
66399 (3422347)	4.39	2270	<2	<1	3.1	1540	0.04	10	0.55	1.4	0.19	<0.1	37	23.4
66400 (3422348)	3.95	2630	<2	1	4.0	1990	0.03	11	0.74	6.8	0.67	<0.1	35	22.7

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853242

PROJECT: 2021 Surimeau DDH Batch 83

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
66370 (3422318)	0.8	<1	216	<0.5	0.21	<0.1	0.15	<0.5	0.14	<0.05	112	<1	7.9	1.0
66371 (3422319)	0.8	<1	375	<0.5	0.20	<0.1	0.17	0.9	0.13	<0.05	124	<1	7.6	0.8
66372 (3422320)	0.2	<1	68.8	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.16	<5	<1	2.3	0.1
66373 (3422321)	0.7	<1	118	<0.5	0.14	<0.1	0.15	<0.5	0.11	<0.05	110	<1	6.0	0.7
66374 (3422322)	0.6	<1	111	<0.5	0.17	<0.1	0.16	<0.5	0.10	<0.05	115	<1	6.7	0.7
66375 (3422323)	0.9	<1	112	<0.5	0.22	<0.1	0.16	<0.5	0.12	<0.05	116	<1	8.7	0.9
66376 (3422324)	0.6	<1	36.6	<0.5	0.18	<0.1	0.19	<0.5	0.11	<0.05	123	<1	8.1	0.8
66377 (3422325)	0.6	<1	26.2	<0.5	0.15	<0.1	0.20	<0.5	0.10	<0.05	135	<1	6.9	0.7
66378 (3422326)	0.6	<1	31.2	<0.5	0.16	0.1	0.16	1.5	0.11	1.10	122	<1	6.9	0.7
66379 (3422327)	0.8	<1	28.4	<0.5	0.22	<0.1	0.14	1.1	0.12	0.58	107	<1	8.2	0.9
66380 (3422328)	0.7	<1	20.8	<0.5	0.18	<0.1	0.18	<0.5	0.12	0.06	125	<1	7.6	0.7
66381 (3422329)	0.7	<1	35.6	<0.5	0.21	<0.1	0.17	<0.5	0.14	<0.05	129	<1	8.3	0.9
66382 (3422330)	0.6	<1	22.4	<0.5	0.16	<0.1	0.16	<0.5	0.12	<0.05	121	<1	6.6	0.7
66383 (3422331)	0.6	<1	21.7	<0.5	0.17	<0.1	0.14	0.9	0.11	0.06	104	<1	6.3	0.7
66384 (3422332)	0.6	<1	29.3	<0.5	0.17	<0.1	0.18	1.7	0.10	<0.05	130	<1	6.4	0.7
66385 (3422333)	1.0	3	91.9	<0.5	0.22	0.2	0.20	<0.5	0.16	0.11	204	<1	9.8	1.0
66386 (3422334)	0.9	<1	378	<0.5	0.29	<0.1	0.23	<0.5	0.19	0.06	177	<1	11.7	1.2
66387 (3422335)	0.9	4	85.5	<0.5	0.25	0.1	0.18	<0.5	0.15	0.07	179	<1	10.1	1.0
66388 (3422336)	0.6	2	30.4	<0.5	0.18	<0.1	0.15	1.0	0.12	<0.05	125	<1	7.3	0.8
66389 (3422337)	0.6	2	29.3	<0.5	0.20	<0.1	0.18	1.5	0.13	<0.05	125	<1	7.2	0.8
66390 (3422338)	0.7	2	33.3	<0.5	0.18	<0.1	0.15	1.1	0.11	<0.05	126	<1	6.7	0.8
66391 (3422339)	0.8	2	31.8	<0.5	0.19	<0.1	0.18	<0.5	0.13	0.11	138	<1	8.5	1.0
66392 (3422340)	0.7	2	25.8	<0.5	0.16	<0.1	0.18	<0.5	0.11	0.05	137	<1	7.9	0.8
66393 (3422341)	0.6	1	20.0	<0.5	0.16	<0.1	0.19	1.0	0.11	<0.05	138	<1	6.5	0.8
66394 (3422342)	0.7	1	23.8	<0.5	0.16	<0.1	0.13	<0.5	0.10	<0.05	102	<1	6.6	0.7
66395 (3422343)	0.6	1	23.0	<0.5	0.14	<0.1	0.13	<0.5	0.09	0.08	99	<1	6.1	0.8
66396 (3422344)	0.7	1	349	<0.5	0.22	<0.1	0.16	<0.5	0.14	<0.05	125	<1	8.8	1.0
66397 (3422345)	1.2	2	246	<0.5	0.31	<0.1	0.28	<0.5	0.19	0.06	206	<1	13.1	1.5
66398 (3422346)	1.1	1	275	<0.5	0.28	<0.1	0.25	<0.5	0.20	0.06	184	<1	13.1	1.3
66399 (3422347)	1.3	2	153	<0.5	0.35	<0.1	0.29	<0.5	0.21	0.23	225	<1	14.3	1.6
66400 (3422348)	1.4	4	355	<0.5	0.36	0.1	0.28	<0.5	0.24	0.26	204	<1	15.7	1.7

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853242

PROJECT: 2021 Surimeau DDH Batch 83

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
66370 (3422318)	52	15.1
66371 (3422319)	53	17.2
66372 (3422320)	<5	1.4
66373 (3422321)	49	14.1
66374 (3422322)	51	13.8
66375 (3422323)	46	14.7
66376 (3422324)	55	14.6
66377 (3422325)	71	16.2
66378 (3422326)	93	15.1
66379 (3422327)	109	14.1
66380 (3422328)	86	17.1
66381 (3422329)	66	15.9
66382 (3422330)	78	12.9
66383 (3422331)	95	13.3
66384 (3422332)	145	17.5
66385 (3422333)	184	18.2
66386 (3422334)	92	22.1
66387 (3422335)	151	17.6
66388 (3422336)	109	13.7
66389 (3422337)	148	15.1
66390 (3422338)	174	18.0
66391 (3422339)	101	17.4
66392 (3422340)	99	17.7
66393 (3422341)	83	19.1
66394 (3422342)	61	14.7
66395 (3422343)	59	12.4
66396 (3422344)	54	15.6
66397 (3422345)	72	26.8
66398 (3422346)	56	24.0
66399 (3422347)	112	28.8
66400 (3422348)	141	28.8

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853242

PROJECT: 2021 Surimeau DDH Batch 83

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022	DATE RECEIVED: Jan 13, 2022	DATE REPORTED: Mar 10, 2022	SAMPLE TYPE: Drill Core

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853242

PROJECT: 2021 Surimeau DDH Batch 83

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Crush-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
66370 (3422318)	79.51
66389 (3422337)	75.92

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853242

PROJECT: 2021 Surimeau DDH Batch 83

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Pul-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
66370 (3422318)	88.18
66389 (3422337)	87.55

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 22O853242

PROJECT: 2021 Surimeau DDH Batch 83

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3							
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	3422318	< 1	<1	0.0%	3422332	<1	<1	0%	3422344	<1	<1	0.0%				
Al	3422318	2.78	2.87	3.2%	3422332	3.27	3.37	2.9%	3422344	2.89	2.97	2.6%				
As	3422318	< 5	<5	0.0%	3422332	<5	<5	0%	3422344	<5	<5	0.0%				
B	3422318	< 20	<20	0.0%	3422332	<20	<20	0%	3422344	<20	<20	0.0%				
Ba	3422318	98.5	70.5	33.1%	3422332	565	560	1%	3422344	57.9	61.1	5.4%				
Be	3422318	< 5	<5	0.0%	3422332	<5	<5	0%	3422344	<5	<5	0.0%				
Bi	3422318	0.4	0.4	0.0%	3422332	0.6	0.6	4.7%	3422344	0.6	0.7	12.8%				
Ca	3422318	9.06	7.84	14.4%	3422332	4.76	4.75	0.1%	3422344	15.9	16.0	0.4%				
Cd	3422318	< 0.2	<0.2	0.0%	3422332	<0.2	<0.2	0%	3422344	<0.2	<0.2	0.0%				
Ce	3422318	2.7	2.2	20.4%	3422332	1.4	1.4	5.3%	3422344	2.5	2.6	4.5%				
Co	3422318	77.8	85.1	9.0%	3422332	88.4	89.7	1.5%	3422344	102	101	0.5%				
Cr	3422318	0.186	0.197	5.7%	3422332	0.235	0.232	1.3%	3422344	0.225	0.219	2.4%				
Cs	3422318	3.2	2.8	13.3%	3422332	32.6	33.2	1.9%	3422344	2.1	2.3	7.6%				
Cu	3422318	38	43	12.3%	3422332	47	45	2.6%	3422344	24	26	6.4%				
Dy	3422318	1.39	1.29	7.5%	3422332	1.20	1.12	6.4%	3422344	1.43	1.39	3.1%				
Er	3422318	0.92	0.86	6.7%	3422332	0.79	0.70	11.7%	3422344	0.87	0.98	12.2%				
Eu	3422318	0.29	0.24	17.6%	3422332	0.22	0.18	17.3%	3422344	0.44	0.49	11.3%				
Fe	3422318	6.62	6.76	2.0%	3422332	6.78	6.80	0.2%	3422344	5.47	5.38	1.8%				
Ga	3422318	5.65	6.19	9.1%	3422332	10.3	9.39	9.4%	3422344	7.46	7.03	6.0%				
Gd	3422318	1.11	0.97	13.3%	3422332	0.85	0.83	2.4%	3422344	1.10	1.24	11.9%				
Ge	3422318	1	1	13.3%	3422332	2	3	7.8%	3422344	<1	1	0.0%				
Hf	3422318	< 1	<1	0.0%	3422332	<1	<1	0%	3422344	<1	<1	0.0%				
Ho	3422318	0.30	0.27	10.2%	3422332	0.25	0.23	5.3%	3422344	0.29	0.30	2.8%				
In	3422318	< 0.2	<0.2	0.0%	3422332	<0.2	<0.2	0%	3422344	<0.2	<0.2	0.0%				
K	3422318	0.35	0.28	22.2%	3422332	3.02	3.02	0.1%	3422344	0.26	0.27	5.5%				
La	3422318	1.3	0.9	34.6%	3422332	0.5	0.4	10.3%	3422344	1.2	1.3	8.2%				
Li	3422318	15	<10	46.0%	3422332	85	87	2.4%	3422344	15	16	7.1%				
Lu	3422318	0.13	0.12	6.0%	3422332	0.12	0.09	27.4%	3422344	0.13	0.15	9.0%				
Mg	3422318	11.7	12.7	7.6%	3422332	12.4	12.3	0.4%	3422344	7.00	6.50	7.4%				
Mn	3422318	1410	1280	9.5%	3422332	1030	1030	0.1%	3422344	2060	2070	0.2%				
Mo	3422318	< 2	<2	0.0%	3422332	<2	<2	0%	3422344	<2	<2	0.0%				

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 22O853242

PROJECT: 2021 Surimeau DDH Batch 83

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Nb	3422318	< 1	<1	0.0%	3422332	<1	<1	0%	3422344	<1	<1	0.0%				
Nd	3422318	2.0	1.8	12.1%	3422332	1.4	1.4	3.1%								
Ni	3422318	996	1080	8.1%	3422332	1220	1210	1%	3422344	1200	1160	2.8%				
P	3422318	< 0.01	0.01	0.0%	3422332	<0.01	<0.01	0%	3422344	<0.01	<0.01	0.0%				
Pb	3422318	< 5	<5	0.0%	3422332	<5	<5	0%	3422344	10	10	1.3%				
Pr	3422318	0.39	0.33	16.1%	3422332	0.23	0.25	6.3%	3422344	0.37	0.40	7.3%				
Rb	3422318	16.0	9.7	49.3%	3422332	155	150	3.4%	3422344	10.7	12.1	11.7%				
S	3422318	0.43	0.46	8.6%	3422332	0.48	0.46	2.9%	3422344	0.42	0.41	3.1%				
Sb	3422318	0.6	0.5	12.6%	3422332	0.7	0.8	15.8%	3422344	<0.1	<0.1	0.0%				
Sc	3422318	19	20	4.0%	3422332	22	22	1%	3422344	21	21	2.9%				
Si	3422318	18.0	18.6	3.1%	3422332	21.8	21.9	0.3%	3422344	13.9	13.6	2.0%				
Sm	3422318	0.8	0.8	3.6%	3422332	0.6	0.7	14%	3422344	0.7	0.8	11.0%				
Sn	3422318	< 1	<1	0.0%	3422332	<1	<1	0%	3422344	1	1	23.3%				
Sr	3422318	216	175	21.4%	3422332	29.3	29.5	0.5%	3422344	349	355	1.9%				
Ta	3422318	< 0.5	<0.5	0.0%	3422332	<0.5	<0.5	0%	3422344	<0.5	<0.5	0.0%				
Tb	3422318	0.21	0.19	11.0%	3422332	0.17	0.16	5.5%	3422344	0.22	0.20	12.1%				
Th	3422318	< 0.1	<0.1	0.0%	3422332	<0.1	<0.1	0%	3422344	<0.1	<0.1	0.0%				
Ti	3422318	0.15	0.16	3.9%	3422332	0.18	0.18	1.7%	3422344	0.16	0.15	2.5%				
Tl	3422318	< 0.5	<0.5	0.0%	3422332	1.7	1.6	4.5%	3422344	<0.5	<0.5	0.0%				
Tm	3422318	0.14	0.12	19.4%	3422332	0.10	0.10	5%	3422344	0.14	0.14	1.3%				
U	3422318	< 0.05	<0.05	0.0%	3422332	<0.05	<0.05	0%	3422344	<0.05	<0.05	0.0%				
V	3422318	112	119	5.6%	3422332	130	129	1.5%	3422344	125	121	3.4%				
W	3422318	< 1	<1	0.0%	3422332	<1	<1	0%	3422344	<1	<1	0.0%				
Y	3422318	7.9	7.4	6.8%	3422332	6.4	6.7	3.7%	3422344	8.8	9.4	6.9%				
Yb	3422318	1.0	0.8	14.0%	3422332	0.7	0.7	1.6%	3422344	1.0	0.9	5.9%				
Zn	3422318	52	54	2.5%	3422332	145	146	0.7%	3422344	54	49	10.3%				
Zr	3422318	15.1	12.8	16.4%	3422332	17.5	15.5	11.8%	3422344	15.6	15.8	1.1%				

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 22O853242

PROJECT: 2021 Surimeau DDH Batch 83

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.OREAS-72B)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.Till-2)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al					8.47	8.05	95%	80% - 120%	6.94	6.60	95%	80% - 120%				
As													26.0	24.5	94%	80% - 120%
Ba					540.0	503	93%	80% - 120%								
Be					4.0	3.91	98%	80% - 120%								
Ca					0.907	0.887	98%	80% - 120%	4.01	3.83	96%	80% - 120%				
Ce	43.5	41	94%	80% - 120%									98.0	108	110%	80% - 120%
Co	138.0	134	97%	80% - 120%									15.0	14	95%	80% - 120%
Cr					74.0	67.9	92%	80% - 120%								
Cs	3.16	3	100%	80% - 120%									12.0	12	101%	80% - 120%
Cu					150.0	146	97%	80% - 120%	88.6	81.3	92%	80% - 120%				
Dy	2.74	2.5	93%	80% - 120%												
Er	1.69	1.5	86%	80% - 120%												
Eu	0.74	0.65	87%	80% - 120%												
Fe					3.77	3.77	100%	80% - 120%	7.56	7.25	96%	80% - 120%				
Ga	11.1	12	106%	80% - 120%												
Gd	2.75	2.6	96%	80% - 120%												
Hf													11.0	10	92%	80% - 120%
Ho	0.56	0.5	87%	80% - 120%												
K					2.55	2.43	95%	80% - 120%	2.02	1.94	96%	80% - 120%				
La	24.2	23.0	95%	80% - 120%									44.0	47.4	108%	80% - 120%
Li					47.0	45.9	98%	80% - 120%								
Mg					1.1	1.01	92%	80% - 120%	2.41	2.36	98%	80% - 120%				
Mn					780.0	777	100%	80% - 120%	1510.0	1380	91%	80% - 120%				
Mo													14.0	12	87%	80% - 120%
Nb	5.48	5	99%	80% - 120%									20.0	19	93%	80% - 120%
Nd	16.9	15.0	89%	80% - 120%												
Ni					32.0	37.8	118%	80% - 120%								
Pb	14.1	14	100%	80% - 120%									31.0	33	107%	80% - 120%
Pr	4.79	4.3	90%	80% - 120%												
Rb	47.2	47	99%	80% - 120%									143.0	142	100%	80% - 120%
Sb													0.8	0.9	109%	80% - 120%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sc					12.0	11.5	96%	80% - 120%								
Si									23.65	22.6	96%	80% - 120%				
Sm	2.99	2.7	92%	80% - 120%												
Sr					144.0	150	104%	80% - 120%								
Ta													1.9	2	104%	80% - 120%
Tb	0.46	0.4	89%	80% - 120%												
Th	10.3	10	94%	80% - 120%									18.4	18	98%	80% - 120%
Ti					0.527	0.476	90%	80% - 120%								
Tm	0.26	0.2	83%	80% - 120%												
U	4.76	4	84%	80% - 120%									5.7	5	91%	80% - 120%
V					77.0	75.8	98%	80% - 120%								
W													5.0	4.3	87%	80% - 120%
Y	15.3	15.0	98%	80% - 120%									40.0	36.2	91%	80% - 120%
Yb	1.64	1.5	90%	80% - 120%									3.7	4	107%	80% - 120%
Zn					130.0	143	110%	80% - 120%								
Zr	86.0	87.8	102%	80% - 120%												

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED
AGAT WORK ORDER: 22O853242
PROJECT: 2021 Surimeau DDH Batch 83
ATTENTION TO: Francis Newton
SAMPLING SITE:
SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O853242

PROJECT: 2021 Surimeau DDH Batch 83

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O853242

PROJECT: 2021 Surimeau DDH Batch 83

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Crush-Pass %			BALANCE
Pul-Pass %			BALANCE

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 84

AGAT WORK ORDER: 22O853243

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Mar 10, 2022

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

Disclaimer:

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project Manager if you require additional sample storage time.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
- The test results reported herewith relate only to the samples as received by the laboratory.
- Measurement Uncertainty is not taken into consideration when stating conformity with a specified requirement.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853243

PROJECT: 2021 Surimeau DDH Batch 84

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
66401 (3422371)	3.310
66402 (3422372)	1.330
66403 (3422373)	3.450
66404 (3422374)	2.150
66405 (3422375)	0.060
66406 (3422376)	1.980
66407 (3422377)	2.530
66408 (3422378)	2.110
66409 (3422379)	2.000
66410 (3422380)	2.360
66411 (3422381)	3.040
66412 (3422382)	-
66413 (3422383)	3.330
66414 (3422384)	3.190
66415 (3422385)	1.530
66416 (3422386)	3.100
66417 (3422387)	3.160
66418 (3422388)	2.970
66419 (3422389)	3.080
66420 (3422390)	3.130
66421 (3422391)	3.100
66422 (3422392)	1.450
66423 (3422393)	3.190
66424 (3422394)	3.030
66425 (3422395)	3.350
66426 (3422396)	3.150
66427 (3422397)	3.270
66428 (3422398)	3.210
66429 (3422399)	2.800
66430 (3422400)	2.300
66431 (3422401)	1.220

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853243

PROJECT: 2021 Surimeau DDH Batch 84

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
66432 (3422402)	1.770
66433 (3422403)	2.010
66434 (3422404)	1.840
66435 (3422405)	3.160
66436 (3422406)	2.500
66437 (3422407)	2.100
66438 (3422408)	2.550
66439 (3422409)	3.240
66440 (3422410)	3.290
66441 (3422411)	3.180
66442 (3422412)	1.450
66443 (3422413)	3.330
66444 (3422414)	3.120
66445 (3422415)	-
66446 (3422416)	3.190
66447 (3422417)	3.320
66448 (3422418)	3.340
66449 (3422419)	3.350
66450 (3422420)	3.050

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853243

PROJECT: 2021 Surimeau DDH Batch 84

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
66401 (3422371)	<1	4.05	<5	31	113	5	0.3	8.14	0.2	2.2	80.1	0.246	4.1	<5
66402 (3422372)	<1	0.18	<5	<20	37.5	<5	<0.1	34.9	<0.2	1.0	0.5	0.008	0.1	<5
66403 (3422373)	<1	4.38	<5	27	73.7	<5	0.3	6.52	<0.2	2.2	84.2	0.257	7.5	139
66404 (3422374)	<1	4.67	<5	30	25.5	<5	0.3	6.56	<0.2	4.9	80.8	0.269	2.4	74
66405 (3422375)	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS
66406 (3422376)	<1	4.39	<5	32	38.2	<5	0.3	7.04	<0.2	2.2	85.0	0.258	3.1	46
66407 (3422377)	<1	5.78	<5	26	178	<5	0.7	7.18	<0.2	10.4	124	0.352	<0.1	96
66408 (3422378)	<1	7.23	<5	39	259	<5	0.8	7.68	<0.2	27.4	142	0.388	0.1	17
66409 (3422379)	<1	3.92	<5	30	376	<5	0.6	6.74	<0.2	2.4	129	0.292	11.9	29
66410 (3422380)	2	2.92	<5	26	19.8	<5	0.3	5.91	<0.2	1.2	95.3	0.217	1.2	110
66411 (3422381)	1	2.74	<5	29	0.8	<5	0.5	5.39	<0.2	1.4	89.6	0.203	0.4	70
66412 (3422382)	<1	2.67	<5	25	1.0	<5	0.4	6.03	<0.2	1.6	90.7	0.194	0.4	69
66413 (3422383)	1	2.70	<5	31	0.6	<5	0.4	6.03	<0.2	1.3	99.6	0.205	0.5	61
66414 (3422384)	4	2.94	<5	29	0.9	<5	0.5	4.57	<0.2	1.1	100	0.218	0.4	78
66415 (3422385)	1	2.69	<5	29	<0.5	<5	0.4	4.64	<0.2	1.1	100	0.202	0.3	83
66416 (3422386)	6	2.76	<5	25	<0.5	<5	0.5	3.15	<0.2	1.1	90.6	0.199	0.3	26
66417 (3422387)	2	2.46	<5	28	<0.5	<5	0.6	3.84	<0.2	1.7	89.7	0.189	0.3	15
66418 (3422388)	5	2.67	<5	36	0.9	<5	0.5	3.98	<0.2	1.3	92.0	0.211	0.3	45
66419 (3422389)	1	2.81	<5	30	<0.5	<5	0.5	3.86	<0.2	1.2	90.7	0.210	0.4	31
66420 (3422390)	3	3.02	<5	29	<0.5	<5	0.4	3.88	<0.2	1.3	90.6	0.214	0.4	37
66421 (3422391)	<1	3.31	<5	31	0.5	<5	0.3	5.36	<0.2	1.4	96.0	0.229	0.4	83
66422 (3422392)	4	0.08	<5	<20	34.5	<5	<0.1	35.9	<0.2	1.0	0.8	0.010	<0.1	<5
66423 (3422393)	4	3.04	<5	29	<0.5	<5	0.2	7.24	<0.2	2.0	89.9	0.210	0.2	57
66424 (3422394)	2	4.40	<5	33	0.6	<5	0.2	7.09	<0.2	1.9	116	0.362	0.4	37
66425 (3422395)	2	2.26	<5	25	<0.5	<5	0.3	7.17	<0.2	0.9	99.0	0.207	0.2	82
66426 (3422396)	2	2.15	<5	24	0.6	<5	0.6	6.82	<0.2	1.3	102	0.194	0.4	53
66427 (3422397)	5	3.80	<5	23	<0.5	<5	1.1	4.92	<0.2	1.1	161	0.333	0.3	111
66428 (3422398)	4	2.04	<5	<20	<0.5	<5	0.4	6.98	<0.2	0.7	90.0	0.176	0.1	35
66429 (3422399)	3	2.20	<5	21	8.2	<5	0.3	7.24	<0.2	0.8	93.0	0.185	1.0	18
66430 (3422400)	1	2.26	<5	20	176	<5	<0.1	7.55	<0.2	1.0	90.6	0.197	9.2	<5
66431 (3422401)	2	4.74	<5	28	227	<5	0.4	6.70	0.3	2.8	317	0.435	9.2	35
66432 (3422402)	<1	6.00	<5	23	105	<5	0.5	5.12	<0.2	3.4	209	0.552	0.8	67

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853243

PROJECT: 2021 Surimeau DDH Batch 84

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
66433 (3422403)	3	5.14	<5	25	45.0	<5	0.3	5.81	<0.2	3.7	220	0.496	0.2	84
66434 (3422404)	<1	6.10	<5	31	104	<5	0.3	5.85	<0.2	3.5	125	0.406	<0.1	110
66435 (3422405)	<1	3.61	<5	33	352	<5	0.2	8.89	<0.2	2.0	102	0.286	2.6	12
66436 (3422406)	3	5.22	<5	30	202	<5	0.4	13.3	<0.2	3.8	151	0.348	6.1	28
66437 (3422407)	<1	4.08	<5	29	236	<5	0.3	6.08	<0.2	2.2	125	0.299	9.8	46
66438 (3422408)	<1	3.46	<5	25	21.2	<5	0.2	5.64	<0.2	1.2	91.2	0.236	1.2	74
66439 (3422409)	<1	3.48	<5	31	1.0	<5	0.2	4.87	<0.2	1.4	89.7	0.239	0.4	60
66440 (3422410)	<1	3.28	<5	31	1.4	<5	0.3	5.59	<0.2	1.6	96.1	0.229	0.4	56
66441 (3422411)	<1	3.10	<5	31	0.8	<5	0.2	6.27	<0.2	1.6	92.7	0.228	0.3	67
66442 (3422412)	<1	3.02	<5	26	0.7	<5	0.3	6.41	<0.2	1.7	93.2	0.229	0.4	61
66443 (3422413)	<1	3.67	<5	50	1.8	<5	0.1	4.79	<0.2	1.8	84.3	0.254	0.5	18
66444 (3422414)	<1	3.15	<5	31	0.6	<5	0.2	5.23	<0.2	1.6	81.1	0.207	0.5	31
66445 (3422415)	<1	3.24	<5	31	1.8	<5	0.2	5.37	<0.2	1.8	86.9	0.213	0.5	35
66446 (3422416)	<1	3.48	<5	33	1.3	<5	0.2	5.33	<0.2	1.6	87.6	0.228	0.4	43
66447 (3422417)	3	3.20	<5	23	1.0	<5	0.2	7.12	<0.2	3.4	88.4	0.212	0.3	61
66448 (3422418)	<1	3.17	<5	26	0.8	<5	0.2	7.22	<0.2	2.5	86.6	0.213	0.4	61
66449 (3422419)	<1	3.60	<5	26	298	<5	0.2	7.11	<0.2	14.4	83.7	0.187	7.6	49
66450 (3422420)	<1	3.31	<5	25	1.9	<5	0.2	5.91	<0.2	2.4	86.4	0.231	0.4	78

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853243

PROJECT: 2021 Surimeau DDH Batch 84

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
66401 (3422371)	1.65	1.05	0.36	8.10	12.8	1.34	3	<1	0.34	<0.2	0.57	0.7	36	0.15
66402 (3422372)	0.30	0.20	0.06	0.16	0.68	0.27	<1	<1	0.07	<0.2	<0.05	1.1	<10	<0.05
66403 (3422373)	1.59	1.14	0.27	8.22	9.91	1.36	3	<1	0.38	<0.2	0.84	0.7	50	0.16
66404 (3422374)	1.69	1.17	0.31	8.36	10.9	1.73	2	<1	0.37	<0.2	0.28	2.0	33	0.16
66405 (3422375)	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS
66406 (3422376)	1.59	1.03	0.30	7.79	9.26	1.28	2	<1	0.34	<0.2	0.36	0.7	42	0.17
66407 (3422377)	2.49	1.63	0.61	7.96	11.7	2.20	1	1	0.53	<0.2	0.10	4.4	11	0.22
66408 (3422378)	4.01	2.28	1.45	9.88	17.2	4.01	2	2	0.82	<0.2	0.31	11.8	23	0.34
66409 (3422379)	1.69	1.05	0.51	7.97	12.4	1.28	3	<1	0.37	<0.2	1.47	0.8	59	0.15
66410 (3422380)	1.15	0.67	0.18	7.03	7.99	0.93	2	<1	0.24	<0.2	0.09	0.3	<10	0.10
66411 (3422381)	1.06	0.71	0.12	6.84	7.57	0.87	2	<1	0.23	<0.2	<0.05	0.5	<10	0.10
66412 (3422382)	1.15	0.72	0.15	6.66	6.75	0.89	2	<1	0.24	<0.2	<0.05	0.6	<10	0.11
66413 (3422383)	0.88	0.67	0.13	7.03	6.49	0.80	2	<1	0.21	<0.2	<0.05	0.5	<10	0.10
66414 (3422384)	1.04	0.68	0.13	7.21	6.82	0.82	2	<1	0.20	<0.2	<0.05	0.4	<10	0.09
66415 (3422385)	0.97	0.68	0.16	7.01	6.98	0.89	3	<1	0.22	<0.2	<0.05	0.4	<10	0.11
66416 (3422386)	0.98	0.73	0.15	6.34	7.56	0.78	2	<1	0.22	<0.2	<0.05	0.4	<10	0.10
66417 (3422387)	1.06	0.69	0.11	6.61	6.55	0.94	2	<1	0.23	<0.2	<0.05	0.6	<10	0.10
66418 (3422388)	1.04	0.64	0.10	7.13	6.15	0.84	1	<1	0.22	<0.2	<0.05	0.4	<10	0.09
66419 (3422389)	0.96	0.64	0.13	7.14	6.24	0.85	1	<1	0.20	<0.2	<0.05	0.4	<10	0.11
66420 (3422390)	1.15	0.69	0.13	7.09	6.82	0.86	2	<1	0.23	<0.2	<0.05	0.5	<10	0.12
66421 (3422391)	1.22	0.72	0.20	7.22	7.18	0.93	2	<1	0.21	<0.2	<0.05	0.4	<10	0.12
66422 (3422392)	0.28	0.19	<0.05	0.18	0.40	0.28	2	<1	0.07	<0.2	<0.05	1.2	<10	<0.05
66423 (3422393)	1.39	0.83	0.25	7.39	6.01	1.18	2	<1	0.29	<0.2	<0.05	0.7	<10	0.13
66424 (3422394)	1.51	0.98	0.27	9.05	8.45	1.10	2	<1	0.32	<0.2	<0.05	0.7	<10	0.14
66425 (3422395)	0.76	0.45	0.16	6.34	5.32	0.66	2	<1	0.17	<0.2	<0.05	0.3	<10	0.07
66426 (3422396)	0.96	0.65	0.14	6.24	5.19	0.78	2	<1	0.22	<0.2	<0.05	0.5	<10	0.10
66427 (3422397)	1.15	0.62	0.11	6.55	8.78	0.84	1	<1	0.22	<0.2	<0.05	0.4	<10	0.09
66428 (3422398)	0.63	0.47	0.11	5.46	4.99	0.55	1	<1	0.12	<0.2	<0.05	0.2	<10	0.06
66429 (3422399)	0.80	0.48	0.12	5.80	5.38	0.55	1	<1	0.15	<0.2	0.11	0.2	<10	0.06
66430 (3422400)	0.84	0.60	0.18	6.07	5.86	0.64	1	<1	0.19	<0.2	1.27	0.3	45	0.08
66431 (3422401)	2.41	1.59	0.50	7.47	13.1	1.80	2	<1	0.52	<0.2	1.32	1.1	59	0.20
66432 (3422402)	2.40	1.73	0.57	6.36	10.4	1.89	<1	<1	0.53	<0.2	0.20	1.3	12	0.23

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853243

PROJECT: 2021 Surimeau DDH Batch 84

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
66433 (3422403)	2.57	1.64	0.61	6.25	10.1	1.90	<1	<1	0.54	<0.2	0.07	1.6	<10	0.24
66434 (3422404)	2.56	1.53	0.56	8.24	10.7	1.95	<1	<1	0.53	<0.2	0.10	1.5	<10	0.26
66435 (3422405)	1.41	1.00	0.27	7.75	7.98	1.20	1	<1	0.32	<0.2	0.52	0.9	26	0.14
66436 (3422406)	2.12	1.49	0.92	7.31	9.88	1.71	1	<1	0.47	<0.2	0.90	1.9	65	0.20
66437 (3422407)	1.65	1.14	0.40	7.87	9.09	1.30	2	<1	0.38	<0.2	1.29	0.8	44	0.14
66438 (3422408)	1.17	0.71	0.21	7.09	7.76	0.86	2	<1	0.24	<0.2	0.12	0.4	<10	0.12
66439 (3422409)	1.26	0.84	0.18	7.36	8.13	1.01	2	<1	0.27	<0.2	<0.05	0.5	<10	0.11
66440 (3422410)	1.13	0.77	0.19	7.37	6.96	0.94	1	<1	0.25	<0.2	<0.05	0.6	<10	0.11
66441 (3422411)	1.13	0.86	0.27	7.09	7.25	0.91	2	<1	0.24	<0.2	<0.05	0.6	<10	0.13
66442 (3422412)	1.35	0.77	0.27	7.13	6.62	0.89	2	<1	0.27	<0.2	<0.05	0.6	<10	0.11
66443 (3422413)	1.46	0.88	0.21	8.01	7.48	1.10	2	<1	0.30	<0.2	<0.05	0.6	<10	0.12
66444 (3422414)	1.24	0.84	0.23	7.44	6.20	0.92	1	<1	0.26	<0.2	<0.05	0.6	<10	0.14
66445 (3422415)	1.33	0.90	0.24	7.36	6.64	1.01	2	<1	0.28	<0.2	<0.05	0.6	<10	0.12
66446 (3422416)	1.18	0.80	0.25	7.29	7.03	0.86	2	<1	0.23	<0.2	<0.05	0.6	<10	0.12
66447 (3422417)	1.36	0.86	0.44	7.05	6.08	0.99	2	<1	0.31	<0.2	<0.05	1.5	<10	0.11
66448 (3422418)	1.26	0.80	0.35	7.11	5.35	1.06	1	<1	0.24	<0.2	<0.05	1.0	<10	0.12
66449 (3422419)	1.51	0.93	0.46	7.44	7.66	1.67	1	1	0.31	<0.2	0.96	6.7	25	0.12
66450 (3422420)	1.25	0.81	0.33	7.09	6.72	0.95	2	<1	0.27	<0.2	<0.05	0.9	<10	0.11

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853243

PROJECT: 2021 Surimeau DDH Batch 84

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
66401 (3422371)	10.3	1800	<2	1	2.2	724	<0.01	<5	0.37	19.5	0.10	0.2	28	24.4
66402 (3422372)	1.64	102	<2	<1	0.8	<5	0.01	<5	0.20	1.2	0.46	<0.1	<5	5.09
66403 (3422373)	11.9	1630	<2	<1	2.1	738	0.01	<5	0.40	30.6	0.45	<0.1	31	22.9
66404 (3422374)	11.8	1790	<2	<1	3.6	707	0.02	<5	0.72	9.6	0.44	<0.1	32	22.6
66405 (3422375)	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS
66406 (3422376)	10.8	1800	<2	<1	1.9	839	<0.01	<5	0.37	12.8	0.27	<0.1	29	23.2
66407 (3422377)	4.41	2310	3	1	6.7	1550	0.04	7	1.39	1.9	0.23	0.1	38	26.4
66408 (3422378)	5.24	3140	<2	2	15.6	1560	0.07	11	3.56	6.5	0.13	0.1	44	23.0
66409 (3422379)	10.6	2130	<2	<1	2.2	1490	<0.01	<5	0.39	66.0	0.28	<0.1	28	23.4
66410 (3422380)	13.9	1130	<2	<1	1.4	1420	<0.01	<5	0.22	5.6	0.88	<0.1	21	22.9
66411 (3422381)	14.7	1130	<2	<1	1.3	1390	0.01	<5	0.21	0.9	0.44	<0.1	20	21.3
66412 (3422382)	14.5	1180	<2	<1	1.4	1360	0.02	<5	0.23	0.7	0.45	<0.1	19	20.7
66413 (3422383)	14.5	1210	<2	<1	1.3	1540	<0.01	<5	0.23	1.0	0.61	0.3	19	20.2
66414 (3422384)	15.4	1210	<2	<1	1.2	1550	<0.01	<5	0.21	0.9	0.46	0.2	20	22.4
66415 (3422385)	14.9	1220	<2	<1	1.1	1550	0.01	<5	0.20	0.6	0.49	<0.1	20	21.7
66416 (3422386)	16.1	1080	<2	<1	1.1	1480	0.01	<5	0.19	0.6	0.13	<0.1	18	21.8
66417 (3422387)	16.1	1210	<2	<1	1.3	1380	<0.01	<5	0.24	0.5	0.10	<0.1	18	19.3
66418 (3422388)	16.1	1260	<2	<1	1.2	1420	<0.01	<5	0.20	0.6	0.17	<0.1	20	20.2
66419 (3422389)	15.9	1150	<2	<1	1.1	1430	<0.01	<5	0.18	0.7	0.18	0.2	20	20.7
66420 (3422390)	15.2	1160	<2	<1	1.1	1320	<0.01	<5	0.24	0.7	0.20	<0.1	21	20.0
66421 (3422391)	15.0	1190	<2	<1	1.4	1430	<0.01	<5	0.24	0.6	0.54	<0.1	23	18.9
66422 (3422392)	1.69	101	<2	<1	0.9	<5	<0.01	<5	0.20	0.3	0.45	0.3	<5	6.06
66423 (3422393)	13.3	1330	<2	<1	1.7	1090	<0.01	<5	0.31	0.5	0.51	<0.1	22	19.6
66424 (3422394)	13.8	1550	<2	<1	1.9	1360	<0.01	<5	0.31	0.6	0.45	<0.1	30	17.4
66425 (3422395)	13.5	1180	<2	<1	0.9	1600	<0.01	<5	0.18	0.4	0.53	0.2	17	22.2
66426 (3422396)	14.8	1230	<2	<1	1.1	1780	0.02	<5	0.22	0.6	0.28	<0.1	18	19.0
66427 (3422397)	14.9	967	<2	<1	1.0	2660	<0.01	<5	0.21	0.7	0.54	<0.1	28	18.7
66428 (3422398)	13.0	1170	<2	<1	0.7	1640	<0.01	<5	0.13	0.4	0.29	<0.1	15	23.6
66429 (3422399)	13.1	1440	<2	<1	0.9	1730	<0.01	<5	0.14	4.7	0.20	<0.1	15	24.6
66430 (3422400)	12.1	1790	<2	<1	1.0	1690	<0.01	<5	0.19	54.8	0.10	0.1	16	26.2
66431 (3422401)	9.45	2260	1610	43	2.6	2970	<0.01	6	0.46	56.4	0.10	1.3	38	24.5
66432 (3422402)	5.32	2330	<2	<1	3.1	3370	0.01	<5	0.55	6.4	0.19	<0.1	46	27.5

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853243

PROJECT: 2021 Surimeau DDH Batch 84

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
66433 (3422403)	4.36	2440	2	<1	3.2	3430	<0.01	<5	0.60	1.5	0.30	<0.1	41	30.2
66434 (3422404)	4.23	2890	<2	<1	3.0	1770	0.02	<5	0.57	0.9	0.24	<0.1	41	26.1
66435 (3422405)	9.94	2270	<2	<1	1.7	1570	0.02	<5	0.29	20.3	0.12	<0.1	28	23.4
66436 (3422406)	8.20	2470	<2	<1	3.0	2080	<0.01	5	0.52	36.4	0.33	<0.1	36	16.9
66437 (3422407)	12.6	1850	<2	<1	2.2	1760	<0.01	<5	0.37	57.0	0.36	<0.1	29	22.1
66438 (3422408)	14.8	1110	<2	<1	1.2	1350	0.01	<5	0.24	5.7	0.40	<0.1	23	23.4
66439 (3422409)	14.9	1150	<2	<1	1.3	1250	<0.01	<5	0.24	0.9	0.29	<0.1	24	20.9
66440 (3422410)	15.2	1180	<2	<1	1.4	1400	<0.01	<5	0.27	0.7	0.29	0.2	23	20.4
66441 (3422411)	14.7	1200	<2	<1	1.4	1380	0.01	<5	0.24	0.8	0.35	0.2	22	20.1
66442 (3422412)	14.3	1230	<2	<1	1.6	1380	<0.01	<5	0.30	0.7	0.34	<0.1	22	19.6
66443 (3422413)	15.3	1280	<2	<1	1.5	921	0.01	<5	0.29	1.1	0.14	<0.1	28	20.1
66444 (3422414)	14.9	1200	<2	<1	1.4	1050	<0.01	<5	0.25	1.2	0.18	0.3	24	21.4
66445 (3422415)	15.0	1190	<2	<1	1.4	1130	<0.01	<5	0.28	1.3	0.21	<0.1	24	21.2
66446 (3422416)	14.7	1120	<2	<1	1.4	1140	<0.01	<5	0.27	0.7	0.24	<0.1	23	20.3
66447 (3422417)	13.8	1240	<2	<1	2.4	1180	0.02	<5	0.50	0.6	0.36	<0.1	23	19.1
66448 (3422418)	14.3	1240	<2	<1	2.0	1190	<0.01	<5	0.36	0.5	0.35	<0.1	23	20.1
66449 (3422419)	13.4	1260	<2	1	7.9	1020	0.05	<5	1.82	41.9	0.30	<0.1	23	19.6
66450 (3422420)	14.7	1080	<2	<1	2.0	1310	<0.01	<5	0.36	0.8	0.38	<0.1	22	22.0

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853243

PROJECT: 2021 Surimeau DDH Batch 84

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
66401 (3422371)	0.9	4	54.3	<0.5	0.22	<0.1	0.22	<0.5	0.16	0.11	185	<1	8.8	1.0
66402 (3422372)	0.2	<1	78.1	<0.5	0.05	0.2	<0.01	<0.5	<0.05	0.25	<5	<1	2.7	0.2
66403 (3422373)	0.8	<1	31.6	<0.5	0.27	<0.1	0.25	<0.5	0.15	<0.05	172	<1	9.6	1.0
66404 (3422374)	1.1	<1	66.1	<0.5	0.27	0.3	0.26	<0.5	0.17	0.08	178	<1	9.7	1.1
66405 (3422375)	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS
66406 (3422376)	0.6	<1	46.1	<0.5	0.24	<0.1	0.23	<0.5	0.14	0.06	166	<1	9.2	1.0
66407 (3422377)	1.8	<1	252	<0.5	0.37	0.7	0.32	<0.5	0.22	0.18	211	<1	14.4	1.6
66408 (3422378)	4.1	2	548	<0.5	0.66	2.1	0.39	<0.5	0.34	0.71	273	<1	21.5	2.3
66409 (3422379)	0.9	1	41.7	<0.5	0.24	<0.1	0.22	0.8	0.15	0.12	156	<1	9.6	1.1
66410 (3422380)	0.6	<1	20.9	<0.5	0.16	<0.1	0.18	<0.5	0.10	<0.05	113	<1	6.0	0.7
66411 (3422381)	0.6	<1	75.0	<0.5	0.16	<0.1	0.16	<0.5	0.11	<0.05	110	<1	6.2	0.7
66412 (3422382)	0.5	<1	96.3	<0.5	0.14	<0.1	0.15	<0.5	0.10	<0.05	107	<1	6.5	0.7
66413 (3422383)	0.5	<1	130	<0.5	0.14	<0.1	0.16	<0.5	0.09	<0.05	107	<1	5.5	0.6
66414 (3422384)	0.5	<1	58.9	<0.5	0.15	<0.1	0.16	<0.5	0.10	<0.05	112	<1	5.6	0.7
66415 (3422385)	0.6	<1	53.8	<0.5	0.15	<0.1	0.16	<0.5	0.11	<0.05	111	<1	5.8	0.7
66416 (3422386)	0.5	<1	40.1	<0.5	0.13	<0.1	0.14	<0.5	0.09	<0.05	101	<1	5.9	0.6
66417 (3422387)	0.6	<1	130	<0.5	0.15	<0.1	0.14	<0.5	0.09	<0.05	94	<1	5.9	0.6
66418 (3422388)	0.4	<1	85.1	<0.5	0.13	<0.1	0.17	<0.5	0.11	<0.05	108	<1	5.4	0.6
66419 (3422389)	0.5	<1	61.2	<0.5	0.15	<0.1	0.16	<0.5	0.08	<0.05	103	<1	5.4	0.6
66420 (3422390)	0.4	<1	53.7	<0.5	0.16	<0.1	0.16	<0.5	0.10	<0.05	110	<1	5.6	0.6
66421 (3422391)	0.6	<1	63.9	<0.5	0.16	<0.1	0.17	<0.5	0.10	<0.05	124	<1	6.5	0.8
66422 (3422392)	0.2	3	78.6	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.22	<5	<1	2.7	0.2
66423 (3422393)	0.7	<1	68.6	<0.5	0.19	<0.1	0.18	<0.5	0.12	<0.05	119	<1	7.6	0.8
66424 (3422394)	0.7	<1	98.9	<0.5	0.22	<0.1	0.23	<0.5	0.12	<0.05	194	<1	8.1	1.0
66425 (3422395)	0.5	<1	43.3	<0.5	0.12	<0.1	0.13	<0.5	0.07	<0.05	88	<1	4.4	0.5
66426 (3422396)	0.5	<1	99.6	<0.5	0.17	<0.1	0.12	<0.5	0.10	<0.05	80	2	5.7	0.7
66427 (3422397)	0.5	<1	47.6	<0.5	0.16	<0.1	0.21	<0.5	0.08	<0.05	144	<1	5.4	0.7
66428 (3422398)	0.4	<1	15.2	<0.5	0.10	<0.1	0.10	<0.5	0.07	<0.05	73	<1	3.7	0.5
66429 (3422399)	0.3	<1	12.7	<0.5	0.11	<0.1	0.11	<0.5	0.08	<0.05	78	<1	4.3	0.5
66430 (3422400)	0.5	<1	17.1	<0.5	0.12	<0.1	0.12	0.8	0.07	<0.05	85	<1	4.9	0.5
66431 (3422401)	1.1	7	89.8	<0.5	0.33	<0.1	0.28	0.9	0.24	<0.05	195	20	13.6	1.7
66432 (3422402)	1.3	<1	82.0	<0.5	0.39	0.1	0.32	<0.5	0.23	<0.05	237	<1	14.2	1.6

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853243

PROJECT: 2021 Surimeau DDH Batch 84

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
66433 (3422403)	1.1	<1	70.5	<0.5	0.32	<0.1	0.29	<0.5	0.26	<0.05	211	<1	14.2	1.8
66434 (3422404)	1.2	<1	81.6	<0.5	0.35	<0.1	0.31	<0.5	0.22	<0.05	224	<1	13.9	1.6
66435 (3422405)	0.7	<1	39.1	<0.5	0.23	<0.1	0.20	<0.5	0.14	<0.05	148	<1	8.3	1.0
66436 (3422406)	1.1	<1	247	<0.5	0.32	<0.1	0.27	0.5	0.21	<0.05	196	<1	12.9	1.4
66437 (3422407)	0.8	<1	55.2	<0.5	0.26	0.1	0.21	0.8	0.16	0.13	174	<1	9.4	1.1
66438 (3422408)	0.5	<1	21.1	<0.5	0.16	<0.1	0.17	<0.5	0.10	0.07	120	<1	6.3	0.7
66439 (3422409)	0.6	<1	43.7	<0.5	0.16	<0.1	0.19	<0.5	0.11	<0.05	133	<1	6.7	0.8
66440 (3422410)	0.7	<1	81.1	<0.5	0.17	<0.1	0.18	<0.5	0.10	<0.05	122	<1	6.2	0.8
66441 (3422411)	0.6	<1	95.1	<0.5	0.18	<0.1	0.17	<0.5	0.12	<0.05	132	<1	6.8	0.8
66442 (3422412)	0.6	<1	105	<0.5	0.16	<0.1	0.17	<0.5	0.13	<0.05	131	<1	7.1	0.8
66443 (3422413)	0.8	<1	76.0	<0.5	0.20	<0.1	0.22	<0.5	0.14	<0.05	160	<1	7.8	0.8
66444 (3422414)	0.5	<1	62.4	<0.5	0.18	<0.1	0.18	<0.5	0.11	<0.05	130	<1	6.4	0.8
66445 (3422415)	0.6	<1	69.8	<0.5	0.17	<0.1	0.17	<0.5	0.12	<0.05	134	<1	7.0	0.8
66446 (3422416)	0.5	<1	63.5	<0.5	0.16	<0.1	0.18	<0.5	0.11	<0.05	129	<1	6.1	0.7
66447 (3422417)	0.7	<1	109	<0.5	0.21	<0.1	0.17	<0.5	0.12	0.06	120	<1	7.4	0.9
66448 (3422418)	0.7	<1	113	<0.5	0.18	<0.1	0.17	<0.5	0.12	0.06	113	<1	6.6	0.8
66449 (3422419)	1.6	<1	123	<0.5	0.24	1.0	0.24	0.6	0.12	0.17	139	<1	8.3	0.9
66450 (3422420)	0.8	<1	50.6	<0.5	0.18	<0.1	0.17	<0.5	0.11	0.07	128	<1	6.4	0.8

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853243

PROJECT: 2021 Surimeau DDH Batch 84

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
66401 (3422371)	176	19.4
66402 (3422372)	<5	1.6
66403 (3422373)	79	20.0
66404 (3422374)	76	24.3
66405 (3422375)	IS	IS
66406 (3422376)	63	19.4
66407 (3422377)	75	32.7
66408 (3422378)	86	65.0
66409 (3422379)	77	20.6
66410 (3422380)	29	13.8
66411 (3422381)	32	14.0
66412 (3422382)	37	12.2
66413 (3422383)	35	13.1
66414 (3422384)	43	13.4
66415 (3422385)	33	13.8
66416 (3422386)	36	10.5
66417 (3422387)	36	10.8
66418 (3422388)	41	13.8
66419 (3422389)	41	12.8
66420 (3422390)	41	14.0
66421 (3422391)	34	13.7
66422 (3422392)	<5	0.9
66423 (3422393)	39	14.7
66424 (3422394)	51	20.0
66425 (3422395)	27	10.0
66426 (3422396)	26	10.5
66427 (3422397)	27	17.3
66428 (3422398)	28	8.4
66429 (3422399)	39	7.7
66430 (3422400)	44	9.6
66431 (3422401)	55	22.4
66432 (3422402)	62	24.7

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853243

PROJECT: 2021 Surimeau DDH Batch 84

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
66433 (3422403)	71	24.2
66434 (3422404)	66	25.4
66435 (3422405)	52	17.3
66436 (3422406)	77	20.9
66437 (3422407)	82	18.4
66438 (3422408)	37	12.4
66439 (3422409)	40	15.0
66440 (3422410)	34	14.4
66441 (3422411)	39	13.8
66442 (3422412)	36	12.8
66443 (3422413)	56	14.2
66444 (3422414)	45	12.3
66445 (3422415)	55	12.5
66446 (3422416)	52	16.4
66447 (3422417)	52	19.5
66448 (3422418)	51	14.2
66449 (3422419)	64	37.3
66450 (3422420)	54	12.0

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853243

PROJECT: 2021 Surimeau DDH Batch 84

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Crush-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
66401 (3422371)	77.78
66420 (3422390)	77.72
66440 (3422410)	76.79

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853243

PROJECT: 2021 Surimeau DDH Batch 84

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Pul-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
66401 (3422371)	85.97
66420 (3422390)	85.21
66440 (3422410)	86.24

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 22O853243

PROJECT: 2021 Surimeau DDH Batch 84

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	3422385	1	2	45%	3422411	<1	<1	0%	3422371	<1	<1	0%	3422411	< 1	< 1	0.0%
Al	3422385	2.69	2.71	0.6%	3422396	2.15	2.27	5.5%	3422411	3.10	3.02	2.5%	3422371	4.05	3.89	4%
As	3422385	<5	<5	0%	3422411	<5	<5	0%	3422371	<5	<5	0%	3422411	< 5	< 5	0.0%
B	3422385	29	27	8%	3422396	24	21	12.8%	3422411	31	31	2%	3422371	31	30	1.4%
Ba	3422385	<0.5	1.1	82.9%	3422396	0.6	<0.5	0%	3422411	0.8	<0.5	0%	3422371	113	102	10.7%
Be	3422385	<5	<5	0%	3422396	<5	<5	0%	3422411	<5	<5	0%	3422371	5	5	2.1%
Bi	3422385	0.4	0.4	6.4%	3422411	0.2	0.3	20.6%	3422371	0.3	0.3	8.6%	3422411	0.25	0.30	18.2%
Ca	3422385	4.64	4.56	1.7%	3422396	6.82	6.87	0.9%	3422411	6.27	6.40	2%	3422371	8.14	8.09	0.6%
Cd	3422385	<0.2	<0.2	0%	3422411	<0.2	<0.2	0%	3422371	0.2	0.3	21.7%	3422411	< 0.2	< 0.2	0.0%
Ce	3422385	1.1	1.1	1.9%	3422411	1.6	1.6	3.2%	3422371	2.2	2.2	1.8%	3422411	1.6	1.6	0.0%
Co	3422385	100	96.5	3.7%	3422411	92.7	94.4	1.8%	3422371	80.1	83.1	3.7%	3422411	92.7	94.4	1.8%
Cr	3422385	0.202	0.204	0.9%	3422396	0.194	0.208	7%	3422411	0.228	0.221	3.2%	3422371	0.246	0.233	5.2%
Cs	3422385	0.3	0.3	3.4%	3422411	0.3	0.3	14.8%	3422371	4.1	3.6	14.1%	3422411	0.3	0.3	0.0%
Cu	3422385	83	85	1.9%	3422396	53	56	5%	3422411	67	62	7.7%	3422371	<5	<5	0%
Dy	3422385	0.97	1.07	9.5%	3422411	1.13	1.20	5.5%	3422371	1.65	1.66	0.8%	3422411	1.13	1.20	6.0%
Er	3422385	0.68	0.67	1.2%	3422411	0.86	0.89	3.5%	3422371	1.05	1.06	0.8%	3422411	0.86	0.89	3.4%
Eu	3422385	0.16	0.12	30.1%	3422411	0.27	0.27	2.8%	3422371	0.36	0.33	9.6%	3422411	0.27	0.27	0.0%
Fe	3422385	7.01	6.89	1.7%	3422396	6.24	6.20	0.7%	3422411	7.09	7.29	2.8%	3422371	8.10	7.99	1.5%
Ga	3422385	6.98	7.28	4.2%	3422411	7.25	6.06	17.8%	3422371	12.8	12.8	0.3%	3422411	7.25	6.06	17.9%
Gd	3422385	0.89	0.79	12.1%	3422411	0.91	0.93	2%	3422371	1.34	1.39	4.1%	3422411	0.911	0.930	2.1%
Ge	3422385	3	2	25.3%	3422411	2	2	9.2%	3422371	3	3	10.3%	3422411	2	2	0.0%
Hf	3422385	<1	<1	0%	3422411	<1	<1	0%	3422371	<1	<1	0%	3422411	< 1	< 1	0.0%
Ho	3422385	0.22	0.20	12.3%	3422411	0.24	0.24	1.5%	3422371	0.34	0.36	5.9%	3422411	0.24	0.24	0.0%
In	3422385	<0.2	<0.2	0%	3422411	<0.2	<0.2	0%	3422371	<0.2	<0.2	0%	3422411	< 0.2	< 0.2	0.0%
K	3422385	<0.05	<0.05	0%	3422396	<0.05	<0.05	0%	3422411	<0.05	<0.05	0%	3422371	0.57	0.52	9.3%
La	3422385	0.4	0.4	4.2%	3422411	0.6	0.6	0.2%	3422371	0.7	0.7	7.9%	3422411	0.6	0.6	0.0%
Li	3422385	<10	<10	0%	3422396	<10	<10	0%	3422411	<10	<10	0%	3422371	36	34	8.1%
Lu	3422385	0.11	0.12	3%	3422411	0.13	0.11	10.9%	3422371	0.15	0.15	0.7%	3422411	0.126	0.113	10.9%
Mg	3422385	14.9	14.8	0.3%	3422396	14.8	15.1	2.5%	3422411	14.7	14.6	1.2%	3422371	10.3	9.99	2.7%
Mn	3422385	1220	1200	1.6%	3422396	1230	1230	0.1%	3422411	1200	1230	2%	3422371	1800	1770	1.6%
Mo	3422385	<2	<2	0%	3422411	<2	<2	0%	3422371	<2	<2	0%	3422411	< 2	< 2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Nb	3422385	<1	<1	0%	3422411	<1	<1	0%	3422371	<1	1	15.3%	3422411	< 1	< 1	0.0%
Nd	3422385	1.1	1.1	1.2%	3422411	1.4	1.4	1.6%	3422371	2.2	2.1	2.7%	3422411	1.4	1.4	0.0%
Ni	3422385	1550	1530	1.3%	3422396	1780	1860	4.3%	3422411	1380	1390	1%	3422371	724	684	5.7%
P	3422385	0.01	<0.01	0%	3422396	0.02	0.02	20.8%	3422411	0.01	<0.01	0%	3422371	<0.01	0.01	0%
Pb	3422385	<5	<5	0%	3422411	<5	<5	0%	3422371	<5	<5	0%	3422411	< 5	< 5	0.0%
Pr	3422385	0.20	0.20	3.9%	3422411	0.24	0.26	7%	3422371	0.37	0.36	1.1%	3422411	0.238	0.256	7.3%
Rb	3422385	0.6	0.7	12.8%	3422411	0.8	0.8	0.7%	3422371	19.5	18.7	4.3%	3422411	0.8	0.8	0.0%
S	3422385	0.49	0.49	0.3%	3422396	0.28	0.28	0.5%	3422411	0.35	0.34	1%	3422371	0.10	0.10	3.9%
Sb	3422385	<0.1	<0.1	0%	3422411	0.2	<0.1	0%	3422371	0.2	<0.1	0%	3422411	0.2	< 0.1	
Sc	3422385	20	20	0.6%	3422396	18	19	4.5%	3422411	22	22	0.5%	3422371	28	28	2.9%
Si	3422385	21.7	21.4	1.7%	3422396	19.0	18.7	1.8%	3422411	20.1	20.5	2.1%	3422371	24.4	24.1	1%
Sm	3422385	0.6	0.4	23%	3422411	0.6	0.6	0.8%	3422371	0.9	0.8	7.8%	3422411	0.6	0.6	0.0%
Sn	3422385	<1	<1	0%	3422411	<1	<1	0%	3422371	4	4	9.6%	3422411	< 1	< 1	0.0%
Sr	3422385	53.8	52.9	1.8%	3422396	99.6	101	1.5%	3422411	95.1	97.1	2.1%	3422371	54.3	53.4	1.7%
Ta	3422385	<0.5	<0.5	0%	3422411	<0.5	<0.5	0%	3422371	<0.5	<0.5	0%	3422411	< 0.5	< 0.5	0.0%
Tb	3422385	0.15	0.16	2.8%	3422411	0.18	0.19	4.8%	3422371	0.22	0.23	2.1%	3422411	0.179	0.187	4.4%
Th	3422385	<0.1	<0.1	0%	3422411	<0.1	<0.1	0%	3422371	<0.1	<0.1	0%	3422411	< 0.1	< 0.1	0.0%
Ti	3422385	0.16	0.16	1.4%	3422396	0.12	0.13	2%	3422411	0.17	0.18	1.7%	3422371	0.22	0.22	2.7%
Tl	3422385	<0.5	<0.5	0%	3422411	<0.5	<0.5	0%	3422371	<0.5	<0.5	0%	3422411	< 0.5	< 0.5	0.0%
Tm	3422385	0.11	0.10	8.9%	3422411	0.12	0.10	11.6%	3422371	0.16	0.14	11.8%	3422411	0.116	0.103	11.9%
U	3422385	<0.05	0.05	0%	3422411	<0.05	<0.05	0%	3422371	0.11	0.09	16.9%	3422411	< 0.05	< 0.05	0.0%
V	3422385	111	110	0.9%	3422396	80	86	7.4%	3422411	132	127	4.4%	3422371	185	179	3.6%
W	3422385	<1	<1	0%	3422411	<1	<1	0%	3422371	<1	<1	0%	3422411	< 1	< 1	0.0%
Y	3422385	5.8	5.8	0.1%	3422411	6.8	6.6	3.2%	3422371	8.8	9.2	3.7%	3422411	6.8	6.6	3.0%
Yb	3422385	0.7	0.7	1.1%	3422411	0.8	0.7	8.6%	3422371	1.0	1.0	5.1%	3422411	0.80	0.73	9.2%
Zn	3422385	33	37	13.2%	3422396	26	29	11.9%	3422411	39	38	2.8%	3422371	176	160	9.5%
Zr	3422385	13.8	12.0	14.2%	3422411	13.8	11.5	17.7%	3422371	19.4	19.6	0.9%	3422411	13.8	11.5	18.2%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 22O853243

PROJECT: 2021 Surimeau DDH Batch 84

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.OREAS-47)				CRM #2 (ref.OREAS-72B)				CRM #3 (ref.OREAS-74B)				CRM #4 (ref.OREAS-74B)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	6.32	5.91	94%	80% - 120%	4.72	4.97	105%	80% - 120%					3.54	3.39	96%	80% - 120%
Ba	473.0	488	103%	80% - 120%	335.0	357	107%	80% - 120%					210.0	218	104%	80% - 120%
Ca	2.33	2.28	98%	80% - 120%	2.82	2.95	105%	80% - 120%					3.09	3.12	101%	80% - 120%
Ce									30.9	30	98%	80% - 120%				
Co									499.0	482	97%	80% - 120%				
Cr	112.86	92.6	82%	80% - 120%	974.0	1050	108%	80% - 120%					978.0	989	101%	80% - 120%
Cs									2.73	3	94%	80% - 120%				
Cu					219.0	211	97%	80% - 120%					1021.0	972	95%	80% - 120%
Dy									1.96	1.9	98%	80% - 120%				
Er									1.18	1.1	95%	80% - 120%				
Eu									0.53	0.5	87%	80% - 120%				
Fe	2.78	2.87	103%	80% - 120%	6.97	7.25	104%	80% - 120%					12.6	12.7	101%	80% - 120%
Ga									8.52	9	101%	80% - 120%				
Gd									1.9	1.6	87%	80% - 120%				
Ho									0.4	0.4	88%	80% - 120%				
K	1.18	1.11	94%	80% - 120%	1.13	1.13	100%	80% - 120%					0.72	0.698	97%	80% - 120%
La									17.4	16.7	96%	80% - 120%				
Li													29.3	25.8	88%	80% - 120%
Mg	1.0	0.974	97%	80% - 120%	9.66	10.1	104%	80% - 120%					9.38	9.26	99%	80% - 120%
Mn	496.0	531	107%	80% - 120%	1010.0	1030	102%	80% - 120%					930.0	934	100%	80% - 120%
Nb									3.56	4	113%	80% - 120%				
Nd									11.9	11.0	92%	80% - 120%				
Ni					7050.0	7600	108%	80% - 120%					34286.0	33100	96%	80% - 120%
P	0.056	0.054	96%	80% - 120%	0.029	0.027	91%	80% - 120%								
Pb									24.1	22	92%	80% - 120%				
Pr									3.39	3.2	94%	80% - 120%				
Rb									31.3	29	91%	80% - 120%				
S					1.48	1.50	101%	80% - 120%					6.61	6.13	93%	80% - 120%
Sc	9.27	9.36	101%	80% - 120%												
Si	33.99	34.0	100%	80% - 120%	24.02	25.8	108%	80% - 120%					19.68	20.7	105%	80% - 120%
Sm									2.23	2.2	97%	80% - 120%				

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sr	402.0	382	95%	80% - 120%	61.0	63.6	104%	80% - 120%					54.0	50.5	94%	80% - 120%
Tb									0.31	0.3	102%	80% - 120%				
Th									7.6	8	102%	80% - 120%				
Ti	0.23	0.230	100%	80% - 120%	0.208	0.216	104%	80% - 120%					0.15	0.154	102%	80% - 120%
Tl									0.6	1	99%	80% - 120%				
Tm									0.19	0.1	77%	80% - 120%				
U									2.4	2	96%	80% - 120%				
V	61.0	60.5	99%	80% - 120%	77.0	80.0	104%	80% - 120%					62.0	61.4	99%	80% - 120%
Y									11.3	10.1	90%	80% - 120%				
Yb									1.23	1.1	89%	80% - 120%				
Zn	217.0	214	99%	80% - 120%	90.0	85.9	95%	80% - 120%					133.0	117	88%	80% - 120%
Zr									63.0	60.5	96%	80% - 120%				

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O853243

PROJECT: 2021 Surimeau DDH Batch 84

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O853243

PROJECT: 2021 Surimeau DDH Batch 84

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O853243

PROJECT: 2021 Surimeau DDH Batch 84

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Crush-Pass %			BALANCE
Pul-Pass %			BALANCE

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 85

AGAT WORK ORDER: 22O853244

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Mar 10, 2022

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

Disclaimer:

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project Manager if you require additional sample storage time.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
- The test results reported herewith relate only to the samples as received by the laboratory.
- Measurement Uncertainty is not taken into consideration when stating conformity with a specified requirement.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853244

PROJECT: 2021 Surimeau DDH Batch 85

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
66451 (3422502)	3.630
66452 (3422503)	1.190
66453 (3422504)	3.660
66454 (3422505)	3.440
66455 (3422506)	2.560
66456 (3422507)	1.970
66457 (3422508)	1.360
66458 (3422509)	3.530
66459 (3422510)	3.800
66460 (3422511)	3.670
66461 (3422512)	3.730
66462 (3422513)	-
66463 (3422514)	3.820
66464 (3422515)	3.620
66465 (3422516)	1.570
66466 (3422517)	3.560
66467 (3422518)	3.670
66468 (3422519)	3.830
66469 (3422520)	2.440
66470 (3422521)	1.630
66471 (3422522)	1.280
66472 (3422523)	1.370
66473 (3422524)	2.360
66474 (3422525)	3.500
66475 (3422526)	2.390
66476 (3422527)	1.790
66477 (3422528)	2.040
66478 (3422529)	3.330
66479 (3422530)	2.700
66480 (3422531)	2.870
66481 (3422532)	3.020

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853244

PROJECT: 2021 Surimeau DDH Batch 85

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
66482 (3422533)	1.940
66483 (3422534)	2.270
66484 (3422535)	1.260
66485 (3422536)	3.500
66486 (3422537)	3.730
66487 (3422538)	3.550
66488 (3422539)	3.600
66489 (3422540)	3.810
66490 (3422541)	3.570
66491 (3422542)	3.750
66492 (3422543)	1.620
66493 (3422544)	3.630
66494 (3422545)	3.780
66495 (3422546)	-
66496 (3422547)	3.780
66497 (3422548)	2.390
66498 (3422549)	2.520
66499 (3422550)	2.850
66500 (3422551)	3.840

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853244

PROJECT: 2021 Surimeau DDH Batch 85

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
66451 (3422502)	<1	3.48	<5	28	1.4	<5	0.2	5.14	<0.2	1.5	94.7	0.232	0.4	67
66452 (3422503)	<1	0.10	6	<20	15.0	<5	<0.1	33.3	<0.2	1.0	1.1	0.010	<0.1	<5
66453 (3422504)	<1	3.26	<5	29	0.9	<5	0.2	5.28	<0.2	1.7	92.8	0.228	0.3	60
66454 (3422505)	<1	3.24	<5	28	1.6	<5	0.3	4.79	<0.2	1.7	94.0	0.223	0.4	41
66455 (3422506)	<1	3.03	<5	27	1.0	<5	0.3	4.19	<0.2	1.5	95.5	0.209	0.4	28
66456 (3422507)	<1	2.81	<5	25	166	<5	0.3	4.49	<0.2	1.7	89.5	0.206	4.9	30
66457 (3422508)	<1	6.81	<5	30	1530	<5	0.2	5.87	<0.2	87.3	50.8	0.082	5.8	6
66458 (3422509)	<1	2.89	<5	28	6.2	<5	0.3	4.02	<0.2	1.3	95.2	0.210	0.5	38
66459 (3422510)	<1	3.00	<5	27	1.2	<5	0.4	4.41	<0.2	1.6	92.3	0.217	0.4	24
66460 (3422511)	<1	3.12	<5	24	1.0	<5	0.4	4.30	<0.2	1.8	101	0.230	0.5	20
66461 (3422512)	<1	3.02	<5	31	0.9	<5	0.4	3.63	<0.2	1.4	96.3	0.219	0.4	11
66462 (3422513)	<1	2.92	<5	31	<0.5	<5	0.3	3.63	<0.2	1.4	97.7	0.210	0.5	10
66463 (3422514)	<1	3.05	<5	28	1.2	<5	0.3	4.00	<0.2	1.5	94.7	0.211	0.5	14
66464 (3422515)	<1	3.11	<5	35	2.0	<5	0.3	3.72	<0.2	1.5	101	0.212	0.6	11
66465 (3422516)	<1	3.23	20	29	1.1	<5	0.3	3.59	<0.2	1.5	97.5	0.219	0.5	13
66466 (3422517)	<1	2.86	<5	27	0.7	<5	0.3	3.89	<0.2	1.3	95.7	0.205	0.5	17
66467 (3422518)	<1	2.73	<5	27	1.7	<5	0.3	4.08	<0.2	1.4	92.3	0.200	0.4	21
66468 (3422519)	10	3.88	<5	22	463	<5	0.2	4.54	<0.2	1.4	88.9	0.218	14.1	54
66469 (3422520)	<1	3.16	<5	25	6.5	<5	0.3	4.87	<0.2	1.6	92.0	0.221	0.7	69
66470 (3422521)	<1	3.05	<5	25	463	<5	0.3	4.23	<0.2	1.7	86.5	0.198	14.6	27
66471 (3422522)	<1	10.4	<5	<20	919	<5	<0.1	2.96	<0.2	138	11.2	0.030	4.0	<5
66472 (3422523)	<1	0.23	5	<20	23.4	<5	<0.1	35.3	<0.2	2.2	<0.5	0.006	<0.1	<5
66473 (3422524)	<1	2.98	<5	21	365	<5	0.3	5.45	<0.2	3.3	78.2	0.186	11.1	23
66474 (3422525)	<1	3.43	<5	27	4.1	<5	0.4	4.59	<0.2	1.7	100	0.228	0.5	61
66475 (3422526)	<1	2.95	<5	26	1.9	<5	0.3	5.93	<0.2	2.1	90.7	0.210	0.3	76
66476 (3422527)	<1	3.23	<5	27	8.7	<5	0.3	8.63	<0.2	2.7	89.9	0.223	0.4	24
66477 (3422528)	<1	5.64	<5	33	401	<5	0.3	7.23	<0.2	3.5	107	0.388	8.1	27
66478 (3422529)	<1	5.02	<5	25	264	<5	0.7	9.24	<0.2	8.7	128	0.307	0.4	10
66479 (3422530)	<1	2.85	<5	21	154	<5	0.3	9.23	<0.2	1.9	82.8	0.199	6.9	34
66480 (3422531)	<1	3.00	<5	23	125	<5	0.4	9.34	<0.2	2.3	88.9	0.217	4.7	71
66481 (3422532)	<1	5.84	<5	29	578	<5	0.5	6.36	<0.2	19.6	125	0.324	5.1	260
66482 (3422533)	<1	7.81	<5	<20	96.2	<5	1.5	2.92	6.3	45.8	83.7	0.060	<0.1	970

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853244

PROJECT: 2021 Surimeau DDH Batch 85

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
66483 (3422534)	<1	6.21	<5	29	450	<5	0.9	6.51	0.9	9.6	135	0.430	0.2	1330
66484 (3422535)	<1	7.18	<5	<20	301	<5	1.9	4.11	3.5	44.0	101	0.144	1.3	426
66485 (3422536)	<1	3.43	<5	32	13.0	<5	0.8	4.28	0.3	2.6	104	0.247	0.9	160
66486 (3422537)	<1	2.90	<5	29	1.0	<5	0.8	3.43	<0.2	1.5	101	0.233	0.3	76
66487 (3422538)	<1	3.25	<5	24	10.0	<5	0.6	4.60	<0.2	1.9	98.6	0.253	0.2	65
66488 (3422539)	<1	3.61	<5	25	<0.5	<5	0.5	5.00	<0.2	1.9	101	0.259	0.2	63
66489 (3422540)	<1	3.66	<5	35	0.6	<5	0.3	5.63	<0.2	2.7	93.8	0.215	0.2	44
66490 (3422541)	<1	3.90	<5	27	1.4	<5	0.3	5.43	<0.2	2.2	89.7	0.228	0.2	20
66491 (3422542)	<1	3.48	5	28	1.1	<5	0.3	5.87	<0.2	2.1	96.6	0.234	0.2	41
66492 (3422543)	<1	3.74	<5	28	1.4	<5	0.3	5.69	<0.2	2.0	90.6	0.247	0.2	51
66493 (3422544)	<1	3.52	<5	26	47.4	<5	0.3	5.45	<0.2	3.7	93.2	0.237	1.7	46
66494 (3422545)	<1	3.46	<5	24	1.0	<5	0.4	4.57	<0.2	2.5	95.3	0.234	0.3	53
66495 (3422546)	<1	3.25	<5	25	0.6	<5	0.4	4.57	<0.2	2.7	96.6	0.223	0.2	55
66496 (3422547)	<1	3.38	<5	30	1.2	<5	0.3	5.45	<0.2	3.0	101	0.232	0.2	55
66497 (3422548)	<1	3.73	<5	27	1.6	<5	0.2	4.99	<0.2	2.7	93.1	0.236	0.2	58
66498 (3422549)	<1	3.78	<5	27	12.8	<5	0.3	5.25	<0.2	2.7	91.0	0.210	0.5	70
66499 (3422550)	<1	3.58	<5	22	369	<5	0.3	6.04	<0.2	10.2	84.6	0.196	9.2	26
66500 (3422551)	<1	3.22	<5	24	2.2	<5	0.4	5.45	<0.2	2.3	102	0.233	0.3	86

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853244

PROJECT: 2021 Surimeau DDH Batch 85

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
66451 (3422502)	1.05	0.71	0.27	7.28	9.37	0.89	2	<1	0.22	<0.2	<0.05	0.6	<10	0.08
66452 (3422503)	0.20	0.15	0.07	0.22	0.23	0.26	1	<1	<0.05	<0.2	<0.05	1.1	<10	<0.05
66453 (3422504)	1.08	0.75	0.23	7.14	8.06	0.95	2	<1	0.24	<0.2	<0.05	0.7	<10	0.12
66454 (3422505)	1.19	0.81	0.22	7.01	8.04	0.88	2	<1	0.22	<0.2	<0.05	0.6	<10	0.10
66455 (3422506)	1.14	0.79	0.19	7.11	7.73	0.93	2	<1	0.23	<0.2	<0.05	0.5	<10	0.11
66456 (3422507)	1.15	0.73	0.25	6.62	8.37	0.81	2	<1	0.24	<0.2	0.59	0.6	18	0.11
66457 (3422508)	4.24	1.98	2.28	7.29	17.2	6.39	2	3	0.75	<0.2	0.93	40.3	50	0.30
66458 (3422509)	1.07	0.69	0.15	6.89	7.92	0.86	2	<1	0.23	<0.2	<0.05	0.5	<10	0.09
66459 (3422510)	1.23	0.76	0.15	6.91	6.77	0.86	2	<1	0.24	<0.2	<0.05	0.6	<10	0.12
66460 (3422511)	1.13	0.74	0.19	6.97	7.08	0.83	2	<1	0.26	<0.2	<0.05	0.6	<10	0.12
66461 (3422512)	0.92	0.57	0.13	7.38	7.21	0.66	2	<1	0.21	<0.2	<0.05	0.5	<10	0.10
66462 (3422513)	0.94	0.63	0.15	7.30	7.12	0.75	2	<1	0.19	<0.2	<0.05	0.5	<10	0.11
66463 (3422514)	0.98	0.67	0.21	7.10	7.51	0.89	2	<1	0.25	<0.2	<0.05	0.5	<10	0.10
66464 (3422515)	0.97	0.62	0.17	7.36	8.54	0.87	2	<1	0.23	<0.2	<0.05	0.6	<10	0.11
66465 (3422516)	1.06	0.77	0.37	7.15	8.83	0.73	2	<1	0.22	<0.2	<0.05	0.6	<10	0.10
66466 (3422517)	1.06	0.71	0.17	7.35	6.70	0.80	2	<1	0.25	<0.2	<0.05	0.5	<10	0.10
66467 (3422518)	1.03	0.62	0.14	6.89	7.03	0.81	2	<1	0.24	<0.2	<0.05	0.5	<10	0.10
66468 (3422519)	1.17	0.77	0.18	7.06	9.71	0.81	2	<1	0.24	<0.2	1.80	0.4	41	0.11
66469 (3422520)	1.29	0.85	0.18	6.94	9.10	1.01	2	<1	0.28	<0.2	<0.05	0.5	<10	0.12
66470 (3422521)	1.05	0.71	0.23	6.52	9.84	0.82	2	<1	0.23	<0.2	1.88	0.7	41	0.09
66471 (3422522)	2.79	0.87	3.21	2.83	20.2	7.36	2	8	0.44	<0.2	0.85	63.4	44	0.11
66472 (3422523)	0.46	0.28	0.08	0.16	0.97	0.52	1	<1	0.09	<0.2	0.06	1.8	<10	<0.05
66473 (3422524)	1.13	0.73	0.25	6.29	8.72	0.95	3	<1	0.23	<0.2	1.57	1.3	41	0.12
66474 (3422525)	1.66	1.05	0.11	7.51	9.67	1.21	2	<1	0.34	<0.2	<0.05	0.6	<10	0.20
66475 (3422526)	1.26	0.79	0.13	6.90	7.52	1.01	3	<1	0.25	<0.2	<0.05	0.9	<10	0.11
66476 (3422527)	1.51	1.01	0.37	7.13	7.23	1.18	2	<1	0.32	<0.2	<0.05	1.3	<10	0.14
66477 (3422528)	2.39	1.56	0.50	8.77	12.2	1.83	2	<1	0.51	<0.2	1.15	1.7	71	0.24
66478 (3422529)	2.32	1.44	0.78	7.92	12.1	1.96	2	<1	0.50	<0.2	0.28	3.8	27	0.21
66479 (3422530)	1.10	0.81	0.22	6.19	9.69	0.89	3	<1	0.23	<0.2	1.16	1.0	33	0.10
66480 (3422531)	1.36	0.78	0.29	6.70	9.44	1.07	4	<1	0.25	<0.2	0.84	1.2	29	0.11
66481 (3422532)	2.92	1.80	0.91	8.60	14.1	2.99	2	1	0.60	<0.2	1.08	8.8	50	0.24
66482 (3422533)	2.99	1.74	1.41	5.61	18.0	3.44	2	3	0.58	1.0	0.05	19.0	<10	0.24

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853244

PROJECT: 2021 Surimeau DDH Batch 85

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
66483 (3422534)	3.14	2.08	0.90	8.93	13.3	2.66	2	1	0.63	0.3	0.15	4.4	14	0.31
66484 (3422535)	3.26	2.01	1.63	6.28	19.6	3.54	2	3	0.61	0.6	0.27	19.5	10	0.31
66485 (3422536)	1.49	1.02	0.25	7.72	11.7	1.25	5	<1	0.33	<0.2	0.07	0.9	<10	0.17
66486 (3422537)	1.17	0.79	0.12	7.20	7.54	0.93	5	<1	0.24	<0.2	<0.05	0.5	<10	0.11
66487 (3422538)	1.25	0.77	0.22	7.35	8.16	1.07	3	<1	0.27	<0.2	<0.05	0.7	<10	0.12
66488 (3422539)	1.33	0.89	0.23	7.80	8.15	1.07	4	<1	0.29	<0.2	<0.05	0.6	<10	0.13
66489 (3422540)	1.74	1.11	0.38	8.05	8.29	1.35	3	<1	0.35	<0.2	<0.05	0.9	<10	0.15
66490 (3422541)	1.58	0.96	0.36	8.25	8.28	1.25	2	<1	0.33	<0.2	<0.05	0.7	<10	0.15
66491 (3422542)	1.53	1.02	0.30	7.78	8.79	1.23	2	<1	0.33	<0.2	<0.05	0.8	<10	0.15
66492 (3422543)	1.38	1.12	0.30	7.60	8.34	1.17	2	<1	0.31	<0.2	<0.05	0.8	<10	0.14
66493 (3422544)	1.49	0.86	0.32	7.63	9.54	1.38	2	<1	0.31	<0.2	0.17	1.3	<10	0.15
66494 (3422545)	1.41	0.84	0.21	7.48	8.45	0.89	2	<1	0.24	<0.2	<0.05	0.9	<10	0.09
66495 (3422546)	1.34	0.76	0.22	7.44	8.36	1.04	2	<1	0.27	<0.2	<0.05	1.0	<10	0.10
66496 (3422547)	1.40	0.97	0.24	7.66	8.27	1.18	2	<1	0.29	<0.2	<0.05	1.2	<10	0.14
66497 (3422548)	1.60	1.06	0.36	8.09	8.48	1.31	2	<1	0.35	<0.2	<0.05	1.0	<10	0.16
66498 (3422549)	1.68	1.11	0.47	7.80	10.2	1.25	2	<1	0.33	<0.2	<0.05	0.9	<10	0.14
66499 (3422550)	1.73	1.03	0.75	7.10	11.7	1.72	3	<1	0.36	<0.2	1.17	4.1	35	0.14
66500 (3422551)	1.37	0.81	0.27	7.28	8.14	1.10	2	<1	0.28	<0.2	<0.05	0.8	<10	0.12

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853244

PROJECT: 2021 Surimeau DDH Batch 85

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
66451 (3422502)	14.4	1060	<2	<1	1.3	1240	<0.01	<5	0.26	0.6	0.35	0.6	23	19.8
66452 (3422503)	2.02	112	<2	<1	0.9	<5	0.02	<5	0.25	<0.2	0.43	0.7	<5	6.18
66453 (3422504)	15.0	1330	<2	<1	1.4	1270	<0.01	<5	0.26	0.5	0.32	0.7	23	18.8
66454 (3422505)	15.3	1260	<2	<1	1.5	1310	<0.01	<5	0.26	0.6	0.23	0.7	22	18.9
66455 (3422506)	15.5	1290	<2	<1	1.3	1380	0.01	<5	0.24	0.8	0.19	0.8	21	20.3
66456 (3422507)	14.1	1270	<2	<1	1.7	1340	<0.01	<5	0.33	29.6	0.22	0.9	19	22.2
66457 (3422508)	6.95	1430	<2	4	43.9	332	0.21	24	11.0	43.4	0.08	0.9	24	22.6
66458 (3422509)	14.7	1230	<2	<1	1.1	1350	<0.01	<5	0.24	1.5	0.23	0.9	20	20.0
66459 (3422510)	15.1	1170	<2	<1	1.4	1340	<0.01	<5	0.23	0.8	0.20	0.6	20	19.4
66460 (3422511)	15.3	1150	<2	<1	1.6	1520	<0.01	<5	0.30	0.8	0.19	0.9	20	18.4
66461 (3422512)	15.8	1230	<2	<1	1.3	1430	<0.01	<5	0.22	0.7	0.14	1.0	21	19.6
66462 (3422513)	15.4	1200	<2	<1	1.5	1400	<0.01	<5	0.23	0.8	0.14	0.9	20	19.2
66463 (3422514)	15.2	1150	<2	<1	1.3	1380	<0.01	<5	0.25	0.8	0.16	0.7	21	18.6
66464 (3422515)	15.7	1200	<2	<1	1.3	1410	<0.01	<5	0.24	1.1	0.14	1.0	22	19.4
66465 (3422516)	15.6	1140	<2	<1	1.4	1410	<0.01	<5	0.26	1.0	0.14	1.5	22	18.8
66466 (3422517)	15.4	1220	<2	<1	1.3	1350	<0.01	<5	0.25	0.7	0.17	0.8	21	20.4
66467 (3422518)	15.0	1260	<2	<1	1.3	1350	<0.01	<5	0.21	0.8	0.21	1.0	20	20.5
66468 (3422519)	14.9	1000	<2	<1	1.4	1280	<0.01	<5	0.25	83.9	0.37	0.6	21	22.0
66469 (3422520)	14.6	1150	<2	<1	1.7	1260	0.01	<5	0.29	2.0	0.49	0.5	22	21.7
66470 (3422521)	13.1	1090	<2	<1	1.7	1150	<0.01	<5	0.25	89.7	0.29	0.6	20	21.7
66471 (3422522)	1.49	404	<2	6	65.4	<5	0.05	61	16.9	38.5	0.04	0.6	<5	26.6
66472 (3422523)	1.76	114	<2	<1	1.7	<5	<0.01	<5	0.37	1.9	0.44	0.8	<5	5.49
66473 (3422524)	12.9	1110	<2	<1	2.8	1070	<0.01	9	0.53	70.6	0.25	0.5	19	22.3
66474 (3422525)	14.5	1100	<2	<1	1.7	1300	0.01	<5	0.31	1.4	0.53	0.7	22	21.4
66475 (3422526)	13.8	1180	<2	<1	1.8	1260	<0.01	<5	0.34	0.6	0.65	0.8	21	21.3
66476 (3422527)	11.7	1900	<2	<1	2.1	1200	0.01	<5	0.42	1.4	0.53	0.7	24	19.4
66477 (3422528)	10.2	2100	<2	<1	3.1	1080	0.02	<5	0.55	53.3	0.26	0.7	40	16.0
66478 (3422529)	7.70	2100	4	2	5.4	1400	0.04	7	1.21	7.0	0.15	0.7	33	20.2
66479 (3422530)	10.3	1590	5	<1	1.4	1070	<0.01	6	0.28	51.2	0.39	0.9	20	20.7
66480 (3422531)	9.83	1940	<2	<1	1.7	1200	<0.01	6	0.34	35.1	0.54	0.6	21	20.8
66481 (3422532)	5.20	2380	6	2	11.8	1330	0.06	44	2.61	55.3	1.60	0.8	37	23.0
66482 (3422533)	0.89	552	44	6	22.1	510	0.06	51	5.61	0.7	2.93	0.6	17	25.4

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853244

PROJECT: 2021 Surimeau DDH Batch 85

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
66483 (3422534)	3.65	1720	14	3	5.9	1120	0.12	32	1.32	5.0	3.71	0.8	40	21.6
66484 (3422535)	2.22	760	44	5	21.0	723	0.05	45	5.44	12.0	2.88	0.9	23	24.9
66485 (3422536)	14.6	1300	<2	<1	2.4	1340	0.01	<5	0.44	4.3	1.83	1.0	25	20.2
66486 (3422537)	14.9	1230	<2	<1	1.4	1360	0.01	<5	0.24	0.7	1.04	0.5	21	20.8
66487 (3422538)	14.9	1130	<2	<1	1.8	1320	0.01	<5	0.32	0.4	1.46	0.5	22	20.4
66488 (3422539)	14.4	1210	<2	<1	1.7	1230	0.01	<5	0.34	<0.2	1.25	0.4	26	20.3
66489 (3422540)	13.3	1560	<2	<1	2.4	928	0.01	<5	0.49	0.2	0.51	0.6	26	19.6
66490 (3422541)	13.3	1500	<2	<1	2.1	866	<0.01	<5	0.42	0.2	0.21	0.8	27	19.9
66491 (3422542)	13.5	1360	<2	<1	2.0	1280	0.01	<5	0.35	0.3	0.29	0.4	26	19.5
66492 (3422543)	14.0	1330	<2	<1	1.8	1070	<0.01	<5	0.32	<0.2	0.28	0.7	27	19.0
66493 (3422544)	13.9	1250	<2	<1	2.7	1020	0.01	<5	0.60	9.0	0.26	0.4	25	20.6
66494 (3422545)	15.0	1240	<2	<1	2.2	1190	0.01	<5	0.39	0.5	0.30	0.8	23	20.3
66495 (3422546)	14.3	1230	<2	<1	2.1	1250	0.01	<5	0.42	0.4	0.32	0.7	23	19.9
66496 (3422547)	13.9	1290	<2	<1	2.2	1160	0.01	<5	0.47	0.4	0.39	0.7	24	20.0
66497 (3422548)	13.2	1360	<2	<1	2.4	934	0.01	<5	0.46	<0.2	0.38	0.8	28	19.4
66498 (3422549)	13.3	1420	<2	<1	2.3	835	0.02	<5	0.40	2.1	0.33	0.8	28	20.5
66499 (3422550)	12.0	1400	<2	2	6.1	857	0.02	7	1.31	56.8	0.20	0.8	25	21.6
66500 (3422551)	13.6	1210	<2	<1	2.1	1210	0.01	<5	0.43	0.7	0.47	0.5	23	20.5

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853244

PROJECT: 2021 Surimeau DDH Batch 85

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
66451 (3422502)	0.5	<1	46.8	<0.5	0.16	<0.1	0.19	<0.5	0.10	<0.05	128	<1	6.3	0.7
66452 (3422503)	0.2	<1	67.9	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.13	<5	<1	2.2	0.1
66453 (3422504)	0.6	<1	83.5	<0.5	0.18	<0.1	0.18	<0.5	0.10	<0.05	112	<1	6.5	0.7
66454 (3422505)	0.6	<1	97.0	<0.5	0.17	<0.1	0.18	<0.5	0.11	<0.05	118	<1	6.4	0.7
66455 (3422506)	0.6	<1	75.6	<0.5	0.16	<0.1	0.17	<0.5	0.11	<0.05	110	<1	6.1	0.7
66456 (3422507)	0.6	<1	23.3	<0.5	0.15	<0.1	0.15	<0.5	0.11	<0.05	95	<1	6.5	0.7
66457 (3422508)	8.4	3	1260	<0.5	0.77	6.3	0.39	0.5	0.26	1.66	168	<1	20.3	1.9
66458 (3422509)	0.6	<1	46.4	<0.5	0.14	<0.1	0.16	<0.5	0.09	<0.05	112	<1	6.0	0.7
66459 (3422510)	0.6	<1	86.0	<0.5	0.16	<0.1	0.17	<0.5	0.10	<0.05	115	<1	6.6	0.7
66460 (3422511)	0.7	<1	110	<0.5	0.16	<0.1	0.18	<0.5	0.11	<0.05	115	<1	6.4	0.7
66461 (3422512)	0.5	<1	80.8	<0.5	0.14	<0.1	0.17	<0.5	0.08	<0.05	112	<1	5.4	0.6
66462 (3422513)	0.5	<1	85.1	<0.5	0.14	<0.1	0.17	<0.5	0.09	<0.05	109	<1	5.2	0.6
66463 (3422514)	0.6	<1	91.5	<0.5	0.14	<0.1	0.17	<0.5	0.08	<0.05	116	<1	5.9	0.7
66464 (3422515)	0.5	<1	73.8	<0.5	0.15	<0.1	0.18	<0.5	0.10	<0.05	117	<1	5.8	0.6
66465 (3422516)	0.6	<1	72.8	<0.5	0.15	<0.1	0.17	<0.5	0.10	<0.05	123	<1	5.8	0.7
66466 (3422517)	0.5	<1	55.3	<0.5	0.17	<0.1	0.17	<0.5	0.11	<0.05	108	<1	6.1	0.6
66467 (3422518)	0.5	<1	43.1	<0.5	0.15	<0.1	0.15	<0.5	0.10	<0.05	104	<1	6.0	0.6
66468 (3422519)	0.6	<1	22.9	<0.5	0.16	<0.1	0.17	1.1	0.11	<0.05	128	<1	6.4	0.7
66469 (3422520)	0.6	<1	21.4	<0.5	0.18	<0.1	0.17	<0.5	0.12	0.05	117	<1	7.1	0.8
66470 (3422521)	0.6	<1	21.6	<0.5	0.15	<0.1	0.16	1.2	0.10	0.07	100	<1	5.9	0.7
66471 (3422522)	11.8	1	2960	0.8	0.78	10.7	0.37	<0.5	0.12	3.60	52	<1	12.1	0.7
66472 (3422523)	0.3	<1	76.8	<0.5	0.07	0.3	<0.01	<0.5	<0.05	0.31	<5	<1	3.6	0.3
66473 (3422524)	0.9	<1	28.7	<0.5	0.18	0.1	0.15	1.0	0.10	0.07	103	<1	6.4	0.7
66474 (3422525)	0.7	<1	18.0	<0.5	0.24	0.1	0.20	<0.5	0.18	0.10	127	<1	6.6	1.0
66475 (3422526)	0.7	<1	31.4	<0.5	0.20	<0.1	0.16	<0.5	0.11	<0.05	114	<1	7.2	0.7
66476 (3422527)	0.8	<1	92.3	<0.5	0.21	<0.1	0.18	<0.5	0.14	<0.05	130	<1	8.2	1.0
66477 (3422528)	1.1	<1	127	<0.5	0.32	<0.1	0.33	0.8	0.22	<0.05	222	<1	12.8	1.5
66478 (3422529)	1.6	2	208	<0.5	0.34	0.5	0.31	<0.5	0.20	0.30	210	<1	12.9	1.3
66479 (3422530)	0.6	1	125	<0.5	0.16	<0.1	0.16	1.0	0.10	0.13	125	<1	6.2	0.6
66480 (3422531)	0.6	<1	109	<0.5	0.17	<0.1	0.17	0.7	0.11	0.17	127	<1	7.2	0.7
66481 (3422532)	2.8	3	395	<0.5	0.48	1.4	0.37	1.6	0.26	0.50	213	<1	15.7	1.7
66482 (3422533)	4.5	6	212	0.7	0.51	6.0	0.33	<0.5	0.25	2.07	82	<1	16.4	1.7

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853244

PROJECT: 2021 Surimeau DDH Batch 85

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
66483 (3422534)	1.8	11	459	<0.5	0.48	0.3	0.35	<0.5	0.29	0.95	228	<1	16.8	2.0
66484 (3422535)	4.4	13	244	0.6	0.53	5.6	0.32	<0.5	0.28	1.77	124	<1	17.2	2.0
66485 (3422536)	0.9	<1	17.8	<0.5	0.20	0.1	0.20	<0.5	0.14	0.09	135	<1	8.1	0.9
66486 (3422537)	0.5	<1	14.1	<0.5	0.17	<0.1	0.17	<0.5	0.10	<0.05	111	<1	6.0	0.7
66487 (3422538)	0.6	<1	23.3	<0.5	0.17	<0.1	0.18	<0.5	0.10	<0.05	121	<1	6.7	0.8
66488 (3422539)	0.7	<1	22.2	<0.5	0.17	<0.1	0.21	<0.5	0.12	<0.05	139	<1	6.9	0.8
66489 (3422540)	1.0	<1	48.9	<0.5	0.23	<0.1	0.22	<0.5	0.15	<0.05	141	<1	8.9	1.1
66490 (3422541)	0.8	<1	41.1	<0.5	0.23	<0.1	0.24	<0.5	0.15	<0.05	155	<1	8.4	1.0
66491 (3422542)	0.6	<1	70.4	<0.5	0.21	<0.1	0.22	<0.5	0.13	<0.05	140	<1	8.2	0.9
66492 (3422543)	0.8	<1	72.1	<0.5	0.22	<0.1	0.21	<0.5	0.13	<0.05	149	<1	7.6	0.9
66493 (3422544)	0.9	<1	49.4	<0.5	0.23	0.2	0.21	<0.5	0.15	0.13	138	<1	8.4	0.9
66494 (3422545)	0.7	<1	53.0	<0.5	0.18	0.1	0.19	<0.5	0.11	0.06	121	<1	6.9	0.8
66495 (3422546)	0.8	<1	56.2	<0.5	0.21	0.1	0.19	<0.5	0.11	0.08	121	<1	6.7	0.8
66496 (3422547)	0.8	<1	64.1	<0.5	0.21	<0.1	0.20	<0.5	0.15	<0.05	127	<1	7.9	0.8
66497 (3422548)	0.8	<1	31.7	<0.5	0.23	<0.1	0.23	<0.5	0.14	<0.05	155	<1	8.4	1.0
66498 (3422549)	0.9	<1	31.2	<0.5	0.24	<0.1	0.23	<0.5	0.15	0.11	145	<1	8.9	1.0
66499 (3422550)	1.8	1	57.4	<0.5	0.26	0.8	0.22	0.7	0.15	0.35	152	<1	9.0	1.0
66500 (3422551)	0.8	<1	32.9	<0.5	0.20	<0.1	0.19	<0.5	0.11	0.10	124	<1	6.9	0.9

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853244

PROJECT: 2021 Surimeau DDH Batch 85

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
66451 (3422502)	53	16.5
66452 (3422503)	<5	1.1
66453 (3422504)	59	15.7
66454 (3422505)	48	15.1
66455 (3422506)	50	14.3
66456 (3422507)	76	11.5
66457 (3422508)	97	115
66458 (3422509)	49	13.4
66459 (3422510)	40	13.7
66460 (3422511)	43	15.0
66461 (3422512)	47	13.4
66462 (3422513)	51	12.3
66463 (3422514)	45	12.4
66464 (3422515)	60	14.7
66465 (3422516)	51	16.3
66466 (3422517)	48	13.1
66467 (3422518)	46	10.9
66468 (3422519)	53	15.8
66469 (3422520)	47	13.4
66470 (3422521)	64	13.0
66471 (3422522)	59	273
66472 (3422523)	<5	3.6
66473 (3422524)	101	15.1
66474 (3422525)	50	16.7
66475 (3422526)	49	12.6
66476 (3422527)	62	15.0
66477 (3422528)	88	27.5
66478 (3422529)	146	31.4
66479 (3422530)	86	13.2
66480 (3422531)	66	13.7
66481 (3422532)	258	51.9
66482 (3422533)	2800	128

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853244

PROJECT: 2021 Surimeau DDH Batch 85

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
66483 (3422534)	819	35.1
66484 (3422535)	1900	108
66485 (3422536)	180	15.4
66486 (3422537)	106	13.2
66487 (3422538)	49	14.3
66488 (3422539)	53	17.4
66489 (3422540)	62	16.3
66490 (3422541)	63	17.1
66491 (3422542)	53	17.5
66492 (3422543)	57	18.0
66493 (3422544)	67	20.8
66494 (3422545)	49	16.5
66495 (3422546)	54	15.8
66496 (3422547)	51	17.0
66497 (3422548)	59	17.2
66498 (3422549)	65	22.7
66499 (3422550)	93	28.8
66500 (3422551)	56	15.6

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853244

PROJECT: 2021 Surimeau DDH Batch 85

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Crush-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
66451 (3422502)	77.66
66470 (3422521)	83.42
66490 (3422541)	83.50

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853244

PROJECT: 2021 Surimeau DDH Batch 85

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Pul-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
66451 (3422502)	89.96
66470 (3422521)	87.57
66490 (3422541)	87.35

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 22O853244

PROJECT: 2021 Surimeau DDH Batch 85

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	3422502	< 1	<1	0.0%	3422516	< 1	< 1	0.0%	3422527	<1	<1	0.0%	3422542	<1	<1	0%
Al	3422502	3.48	3.39	2.6%	3422516	3.23	3.28	1.5%	3422527	3.23	3.47	7.3%	3422542	3.48	3.58	2.6%
As	3422502	< 5	<5	0.0%	3422516	20	10	66.7%	3422527	<5	<5	0.0%	3422542	5	<5	0%
B	3422502	28	27	3.6%	3422516	29	31	6.7%	3422527	27	28	3.0%	3422542	28	23	21.3%
Ba	3422502	1.4	1.4	0.0%	3422516	1.1	0.9	20.0%	3422527	8.7	9.2	6.3%	3422542	1.1	1.3	16%
Be	3422502	< 5	<5	0.0%	3422516	< 5	<5	0.0%	3422527	<5	<5	0.0%	3422542	<5	<5	0%
Bi	3422502	0.2	0.3	40.0%	3422516	0.3	0.3	0.0%	3422527	0.3	0.3	3.5%	3422542	0.3	0.4	14.9%
Ca	3422502	5.14	5.05	1.8%	3422516	3.59	3.66	1.9%	3422527	8.63	8.93	3.4%	3422542	5.87	5.71	2.7%
Cd	3422502	< 0.2	0.6		3422516	< 0.2	< 0.2	0.0%	3422527	<0.2	<0.2	0.0%	3422542	<0.2	<0.2	0%
Ce	3422502	1.5	1.7	12.5%	3422516	1.5	1.57	4.6%	3422527	2.7	2.8	3.9%	3422542	2.1	2.0	5%
Co	3422502	94.7	97.1	2.5%	3422516	97.5	97.8	0.3%	3422527	89.9	89.5	0.5%	3422542	96.6	90.1	7%
Cr	3422502	0.232	0.234	0.9%	3422516	0.219	0.223	1.8%	3422527	0.223	0.246	9.6%	3422542	0.234	0.234	0.3%
Cs	3422502	0.4	0.6	40.0%	3422516	0.5	0.5	0.0%	3422527	0.4	0.4	19.1%	3422542	0.2	0.2	21.7%
Cu	3422502	67	73	8.6%	3422516	13	13	0.0%	3422527	24	25	5.8%	3422542	41	44	5%
Dy	3422502	1.05	1.39	27.9%	3422516	1.06	0.973	8.6%	3422527	1.51	1.49	1.1%	3422542	1.53	1.49	2.3%
Er	3422502	0.71	1.04	37.7%	3422516	0.77	0.692	10.7%	3422527	1.01	0.98	2.3%	3422542	1.02	0.93	8.9%
Eu	3422502	0.27	0.50	59.7%	3422516	0.37	0.29	24.2%	3422527	0.37	0.33	13.9%	3422542	0.30	0.31	2.1%
Fe	3422502	7.28	7.21	1.0%	3422516	7.15	7.31	2.2%	3422527	7.13	7.16	0.5%	3422542	7.78	7.56	2.9%
Ga	3422502	9.37	8.67	7.8%	3422516	8.83	8.47	4.2%	3422527	7.23	7.15	1.1%	3422542	8.79	7.38	17.5%
Gd	3422502	0.89	1.10	21.1%	3422516	0.73	0.788	7.2%	3422527	1.18	1.21	3.0%	3422542	1.23	1.18	3.9%
Ge	3422502	2	3	40.0%	3422516	2	2	0.0%	3422527	2	2	4.8%	3422542	2	2	15.2%
Hf	3422502	< 1	<1	0.0%	3422516	< 1	< 1	0.0%	3422527	<1	<1	0.0%	3422542	<1	<1	0%
Ho	3422502	0.22	0.31	34.0%	3422516	0.22	0.227	3.6%	3422527	0.32	0.31	5.2%	3422542	0.33	0.29	10.2%
In	3422502	< 0.2	0.2	0.0%	3422516	< 0.2	< 0.2	0.0%	3422527	<0.2	<0.2	0.0%	3422542	<0.2	<0.2	0%
K	3422502	< 0.05	<0.05	0.0%	3422516	< 0.05	<0.05	0.0%	3422527	<0.05	0.05	12.8%	3422542	<0.05	<0.05	0%
La	3422502	0.6	0.7	15.4%	3422516	0.6	0.6	0.0%	3422527	1.3	1.4	7.0%	3422542	0.8	0.8	0.7%
Li	3422502	< 10	<10	0.0%	3422516	< 10	<10	0.0%	3422527	<10	<10	0.0%	3422542	<10	<10	0%
Lu	3422502	0.08	0.15	60.9%	3422516	0.10	0.09	10.5%	3422527	0.14	0.13	5.9%	3422542	0.15	0.13	11.6%
Mg	3422502	14.4	14.1	2.1%	3422516	15.6	15.7	1.2%	3422527	11.7	12.0	2.7%	3422542	13.5	13.6	0.4%
Mn	3422502	1060	1040	1.9%	3422516	1140	1160	2.2%	3422527	1900	1940	1.6%	3422542	1360	1340	1.5%
Mo	3422502	< 2	<2	0.0%	3422516	< 2	< 2	0.0%	3422527	<2	<2	0.0%	3422542	<2	<2	0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Nb	3422502	< 1	<1	0.0%	3422516	< 1	< 1	0.0%	3422527	<1	<1	0.0%	3422542	<1	<1	0%
Nd	3422502	1.3	2.0	42.4%	3422516	1.4	1.6	13.3%	3422527	2.1	2.3	13.0%	3422542	2.0	1.9	7.2%
Ni	3422502	1240	1320	6.3%	3422516	1410	1420	1.0%	3422527	1200	1230	2.1%	3422542	1280	1050	19.2%
P	3422502	< 0.01	<0.01	0.0%	3422516	< 0.01	<0.01	0.0%	3422527	0.01	0.01	5.2%	3422542	0.01	0.01	18.7%
Pb	3422502	< 5	<5	0.0%	3422516	< 5	< 5	0.0%	3422527	<5	<5	0.0%	3422542	<5	<5	0%
Pr	3422502	0.26	0.36	32.3%	3422516	0.26	0.245	5.9%	3422527	0.42	0.43	2.6%	3422542	0.35	0.35	0.6%
Rb	3422502	0.6	0.6	0.0%	3422516	1.0	0.78	20.7%	3422527	1.4	1.7	23.3%	3422542	0.3	0.3	4.8%
S	3422502	0.35	0.36	2.8%	3422516	0.14	0.15	4.5%	3422527	0.53	0.55	1.9%	3422542	0.29	0.28	2.6%
Sb	3422502	0.6	0.9	40.0%	3422516	1.5	1.1		3422527	0.7	0.7	3.3%	3422542	0.4	0.6	40.3%
Sc	3422502	23	23	0.0%	3422516	22	22	1.2%	3422527	24	24	3.0%	3422542	26	26	0.9%
Si	3422502	19.8	19.1	3.6%	3422516	18.8	19.1	1.5%	3422527	19.4	19.2	1.2%	3422542	19.5	19.1	1.9%
Sm	3422502	0.5	1.0	66.7%	3422516	0.6	0.55	7.0%	3422527	0.8	0.8	3.9%	3422542	0.6	0.8	22%
Sn	3422502	< 1	<1	0.0%	3422516	< 1	< 1	0.0%	3422527	<1	<1	0.0%	3422542	<1	<1	0%
Sr	3422502	46.8	46.9	0.2%	3422516	72.8	74.2	2.0%	3422527	92.3	99.8	7.9%	3422542	70.4	69.4	1.4%
Ta	3422502	< 0.5	<0.5	0.0%	3422516	< 0.5	< 0.5	0.0%	3422527	<0.5	<0.5	0.0%	3422542	<0.5	<0.5	0%
Tb	3422502	0.16	0.24	40.0%	3422516	0.15	0.15	0.0%	3422527	0.21	0.23	7.5%	3422542	0.21	0.21	0.3%
Th	3422502	< 0.1	0.1	0.0%	3422516	< 0.1	< 0.1	0.0%	3422527	<0.1	<0.1	0.0%	3422542	<0.1	<0.1	0%
Ti	3422502	0.19	0.19	0.0%	3422516	0.17	0.18	1.5%	3422527	0.18	0.19	4.0%	3422542	0.22	0.22	1.9%
Tl	3422502	< 0.5	<0.5	0.0%	3422516	< 0.5	< 0.5	0.0%	3422527	<0.5	<0.5	0.0%	3422542	<0.5	<0.5	0%
Tm	3422502	0.10	0.16	46.2%	3422516	0.10	0.10	0.0%	3422527	0.14	0.13	4.1%	3422542	0.13	0.11	12.8%
U	3422502	< 0.05	0.12		3422516	< 0.05	< 0.05	0.0%	3422527	<0.05	<0.05	0.0%	3422542	<0.05	<0.05	0%
V	3422502	128	137	6.8%	3422516	123	122	0.2%	3422527	130	137	5.2%	3422542	140	139	0.2%
W	3422502	< 1	<1	0.0%	3422516	< 1	< 1	0.0%	3422527	<1	<1	0.0%	3422542	<1	<1	0%
Y	3422502	6.3	6.6	4.9%	3422516	5.8	5.8	0.0%	3422527	8.2	8.5	3.8%	3422542	8.2	7.6	7.8%
Yb	3422502	0.7	0.9	21.6%	3422516	0.7	0.7	0.0%	3422527	1.0	0.9	9.0%	3422542	0.9	0.9	1.8%
Zn	3422502	53	50	6.8%	3422516	51	48	6.7%	3422527	62	61	1.0%	3422542	53	55	2.9%
Zr	3422502	16.5	16.9	2.3%	3422516	16.3	13.2	21.0%	3422527	15.0	14.9	0.8%	3422542	17.5	13.6	25.2%

AGAT Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 22O853244

PROJECT: 2021 Surimeau DDH Batch 85

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.OREAS-47)				CRM #2 (ref.OREAS-72B)				CRM #3 (ref.OREAS-74B)							
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Al	6.32	6.21	98%	80% - 120%	4.72	4.64	98%	80% - 120%								
Ba	473.0	484	102%	80% - 120%	335.0	343	102%	80% - 120%								
Ca	2.33	2.31	99%	80% - 120%	2.82	2.85	101%	80% - 120%								
Ce					43.5	45	103%	80% - 120%	30.9	34	109%	80% - 120%				
Co					138.0	138	100%	80% - 120%	499.0	525	105%	80% - 120%				
Cr	112.86	99.2	87%	80% - 120%	974.0	1010	103%	80% - 120%								
Cs					3.16	3	96%	80% - 120%	2.73	2	91%	80% - 120%				
Cu					219.0	207	95%	80% - 120%								
Dy					2.74	2.5	91%	80% - 120%	1.96	2.1	108%	80% - 120%				
Er					1.69	1.7	100%	80% - 120%	1.18	1.2	105%	80% - 120%				
Eu					0.74	0.7	93%	80% - 120%	0.53	0.5	93%	80% - 120%				
Fe	2.78	2.84	102%	80% - 120%	6.97	6.84	98%	80% - 120%								
Ga					11.1	13	119%	80% - 120%	8.52	10	113%	80% - 120%				
Gd					2.75	2.8	101%	80% - 120%	1.9	2.1	111%	80% - 120%				
Ho					0.56	0.5	95%	80% - 120%	0.4	0.4	108%	80% - 120%				
K	1.18	1.13	96%	80% - 120%	1.13	1.04	92%	80% - 120%								
La					24.2	24.5	101%	80% - 120%	17.4	18.7	108%	80% - 120%				
Mg	1.0	0.988	99%	80% - 120%	9.66	9.62	100%	80% - 120%								
Mn	496.0	507	102%	80% - 120%	1010.0	993	98%	80% - 120%								
Nb					5.48	6	103%	80% - 120%	3.56	4	110%	80% - 120%				
Nd					16.9	16.6	98%	80% - 120%	11.9	12.4	104%	80% - 120%				
Ni					7050.0	7190	102%	80% - 120%								
P	0.056	0.054	97%	80% - 120%	0.029	0.032	109%	80% - 120%								
Pb					14.1	14	102%	80% - 120%	24.1	24	98%	80% - 120%				
Pr					4.79	4.6	96%	80% - 120%	3.39	3.5	104%	80% - 120%				
Rb					47.2	46	97%	80% - 120%	31.3	30	97%	80% - 120%				
S					1.48	1.43	96%	80% - 120%								
Sc	9.27	9.54	103%	80% - 120%												
Si	33.99	32.8	96%	80% - 120%	24.02	23.4	97%	80% - 120%								
Sm					2.99	2.9	97%	80% - 120%	2.23	2.4	109%	80% - 120%				
Sr	402.0	407	101%	80% - 120%	61.0	61.5	101%	80% - 120%								

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Tb					0.46	0.4	87%	80% - 120%	0.31	0.4	115%	80% - 120%				
Th					10.3	10	100%	80% - 120%	7.6	8	100%	80% - 120%				
Ti	0.23	0.221	96%	80% - 120%	0.208	0.207	100%	80% - 120%								
Tl									0.6	1	98%	80% - 120%				
Tm					0.26	0.2	86%	80% - 120%	0.19	0.2	93%	80% - 120%				
U					4.76	5	96%	80% - 120%	2.4	3	106%	80% - 120%				
V	61.0	59.4	97%	80% - 120%	77.0	73.7	96%	80% - 120%								
Y					15.3	14.1	92%	80% - 120%	11.3	10.6	94%	80% - 120%				
Yb					1.64	1.6	99%	80% - 120%	1.23	1.2	96%	80% - 120%				
Zn	217.0	209	96%	80% - 120%	90.0	87.9	98%	80% - 120%								
Zr					86.0	87.5	102%	80% - 120%	63.0	63.5	101%	80% - 120%				

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O853244

PROJECT: 2021 Surimeau DDH Batch 85

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O853244

PROJECT: 2021 Surimeau DDH Batch 85

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O853244

PROJECT: 2021 Surimeau DDH Batch 85

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Crush-Pass %			BALANCE
Pul-Pass %			BALANCE

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 86

AGAT WORK ORDER: 22O853245

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Mar 15, 2022

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

Disclaimer:

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project Manager if you require additional sample storage time.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
- The test results reported herewith relate only to the samples as received by the laboratory.
- Measurement Uncertainty is not taken into consideration when stating conformity with a specified requirement.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853245

PROJECT: 2021 Surimeau DDH Batch 86

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
67001 (3422562)	3.590
67002 (3422563)	1.200
67003 (3422564)	3.740
67004 (3422565)	2.440
67005 (3422566)	2.550
67006 (3422567)	1.820
67007 (3422568)	2.970
67008 (3422569)	3.740
67009 (3422570)	3.930
67010 (3422571)	3.720
67011 (3422572)	3.830
67012 (3422573)	3.760
67013 (3422574)	<0.005
67014 (3422575)	2.320
67015 (3422576)	0.920
67016 (3422577)	2.870
67017 (3422578)	1.570
67018 (3422579)	3.280
67019 (3422580)	3.830
67020 (3422581)	3.950
67021 (3422582)	2.750
67022 (3422583)	1.350
67023 (3422584)	3.720
67024 (3422585)	3.850
67025 (3422586)	3.820
67026 (3422587)	3.430
67027 (3422588)	3.980
67028 (3422589)	3.160
67029 (3422590)	3.900
67030 (3422591)	3.980
67031 (3422592)	2.660

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853245

PROJECT: 2021 Surimeau DDH Batch 86

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
67032 (3422593)	2.420
67033 (3422594)	2.090
67034 (3422595)	2.680
67035 (3422596)	3.760
67036 (3422597)	3.910
67037 (3422598)	3.500
67038 (3422599)	3.860
67039 (3422600)	3.920
67040 (3422601)	3.820
67041 (3422602)	3.950
67042 (3422603)	1.420
67043 (3422604)	3.720
67044 (3422605)	3.680
67045 (3422606)	<0.005
67046 (3422607)	3.750
67047 (3422608)	3.610
67048 (3422609)	2.760
67049 (3422610)	2.130
67050 (3422611)	2.590

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853245

PROJECT: 2021 Surimeau DDH Batch 86

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
67001 (3422562)	<1	3.88	<5	27	1.3	<5	0.3	5.66	<0.2	7.0	89.7	0.224	0.2	48
67002 (3422563)	<1	0.10	<5	<20	11.8	<5	<0.1	15.8	<0.2	0.5	<0.5	<0.005	<0.1	<5
67003 (3422564)	<1	3.46	<5	24	<0.5	<5	0.4	5.72	<0.2	4.4	91.2	0.224	0.2	36
67004 (3422565)	<1	2.83	<5	<20	1.0	<5	0.5	6.06	<0.2	2.1	85.8	0.194	0.2	44
67005 (3422566)	<1	3.94	<5	26	16.9	<5	0.3	5.78	<0.2	2.3	91.0	0.252	0.5	15
67006 (3422567)	1	5.17	101	21	261	<5	1.0	19.4	0.2	4.1	134	0.308	2.3	57
67007 (3422568)	<1	2.92	<5	25	4.8	<5	0.5	7.39	<0.2	1.6	95.5	0.213	0.3	94
67008 (3422569)	<1	2.80	<5	<20	0.8	<5	0.9	5.15	<0.2	1.3	96.7	0.214	0.2	45
67009 (3422570)	<1	2.40	<5	24	<0.5	<5	1.0	5.00	<0.2	1.5	84.6	0.176	0.3	13
67010 (3422571)	<1	2.48	<5	20	0.8	<5	0.7	5.12	<0.2	1.2	83.8	0.166	0.3	39
67011 (3422572)	<1	4.27	<5	27	8.3	<5	0.3	6.23	<0.2	3.1	87.8	0.233	0.4	65
67012 (3422573)	<1	4.78	<5	29	58.8	<5	0.3	5.67	<0.2	2.6	84.3	0.222	2.2	15
67013 (3422574)	<1	5.04	<5	33	63.7	<5	0.4	5.87	<0.2	2.7	85.7	0.234	2.5	16
67014 (3422575)	<1	3.76	<5	27	28.0	<5	0.3	6.16	<0.2	1.9	90.9	0.234	1.1	27
67015 (3422576)	<1	3.70	<5	25	36.8	<5	0.4	6.09	<0.2	2.1	89.0	0.224	1.6	26
67016 (3422577)	<1	2.86	<5	<20	90.2	<5	0.2	6.71	<0.2	2.1	85.4	0.195	3.1	8
67017 (3422578)	<1	2.81	<5	<20	290	<5	0.2	6.70	<0.2	1.5	77.1	0.175	8.9	<5
67018 (3422579)	1	5.15	<5	24	427	<5	0.3	7.69	<0.2	57.9	65.8	0.155	4.7	<5
67019 (3422580)	<1	4.64	<5	24	357	<5	0.3	12.3	<0.2	36.3	76.8	0.185	1.1	27
67020 (3422581)	<1	4.30	<5	24	110	<5	0.5	12.3	<0.2	2.8	106	0.298	<0.1	26
67021 (3422582)	<1	4.17	<5	24	46.2	<5	0.4	12.7	<0.2	3.1	94.1	0.282	0.1	46
67022 (3422583)	<1	0.48	<5	<20	82.6	<5	<0.1	32.7	<0.2	1.2	0.6	0.011	<0.1	<5
67023 (3422584)	<1	3.37	<5	25	209	<5	0.4	7.96	<0.2	3.7	83.6	0.209	3.4	31
67024 (3422585)	1	3.25	<5	21	234	<5	0.6	7.47	<0.2	1.8	89.2	0.231	5.9	89
67025 (3422586)	<1	2.82	<5	22	0.5	<5	0.4	6.20	<0.2	2.3	83.7	0.204	0.2	50
67026 (3422587)	<1	3.79	<5	20	0.9	<5	0.5	5.01	<0.2	2.2	87.8	0.215	0.2	46
67027 (3422588)	<1	5.38	<5	35	19.2	<5	0.4	4.15	<0.2	59.3	83.0	0.052	1.2	80
67028 (3422589)	<1	3.07	<5	23	<0.5	<5	0.6	4.89	<0.2	1.5	96.3	0.220	0.3	42
67029 (3422590)	<1	2.80	<5	24	<0.5	<5	0.7	6.16	1.1	2.5	88.6	0.204	0.7	47
67030 (3422591)	<1	1.81	<5	<20	<0.5	<5	0.5	7.78	<0.2	3.0	62.3	0.131	0.1	26
67031 (3422592)	<1	3.26	<5	<20	<0.5	<5	0.3	5.07	<0.2	2.3	75.3	0.213	0.2	33
67032 (3422593)	<1	3.11	<5	<20	10.1	<5	0.4	5.89	<0.2	3.9	92.8	0.206	0.5	52

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853245

PROJECT: 2021 Surimeau DDH Batch 86

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
67033 (3422594)	<1	2.36	<5	<20	1.9	<5	0.4	8.16	<0.2	2.9	84.8	0.201	0.2	55
67034 (3422595)	<1	3.03	<5	<20	1.7	<5	0.6	6.47	<0.2	1.8	93.3	0.220	0.5	34
67035 (3422596)	<1	3.11	<5	<20	0.6	<5	0.6	4.17	<0.2	1.5	96.6	0.235	0.5	20
67036 (3422597)	<1	3.10	<5	<20	<0.5	<5	0.7	3.85	<0.2	1.9	96.9	0.233	0.4	15
67037 (3422598)	<1	3.08	<5	<20	71.1	<5	0.5	5.49	<0.2	10.5	85.8	0.192	2.2	59
67038 (3422599)	<1	3.24	<5	<20	12.4	<5	0.4	6.15	<0.2	4.0	97.9	0.224	0.7	47
67039 (3422600)	<1	3.46	<5	<20	1.2	<5	0.3	5.47	<0.2	2.4	80.6	0.235	0.2	24
67040 (3422601)	<1	1.88	<5	<20	0.7	<5	0.2	8.10	<0.2	3.3	70.4	0.142	0.2	19
67041 (3422602)	<1	2.88	<5	<20	0.9	<5	0.5	6.44	<0.2	2.3	90.8	0.219	0.3	42
67042 (3422603)	<1	2.68	<5	<20	0.9	<5	0.4	6.32	<0.2	2.4	95.8	0.211	0.2	36
67043 (3422604)	<1	3.57	584	60	226	<5	1.6	3.21	0.5	34.0	491	0.102	2.6	1030
67044 (3422605)	<1	3.29	<5	32	1.2	<5	0.7	4.29	<0.2	1.6	96.1	0.234	0.4	28
67045 (3422606)	<1	3.10	<5	36	0.6	<5	0.5	6.57	<0.2	1.9	89.1	0.214	0.5	45
67046 (3422607)	<1	2.49	<5	21	1.2	<5	0.6	8.48	<0.2	3.1	91.4	0.199	0.3	67
67047 (3422608)	<1	3.23	<5	<20	<0.5	<5	0.5	5.07	<0.2	1.5	103	0.243	0.3	33
67048 (3422609)	<1	5.60	<5	23	20.9	<5	0.5	4.08	<0.2	4.0	91.6	0.056	12.0	75
67049 (3422610)	<1	3.43	<5	<20	<0.5	<5	0.4	5.25	<0.2	2.1	103	0.244	0.3	47
67050 (3422611)	<1	3.94	<5	<20	1.6	<5	0.5	5.09	<0.2	2.2	94.4	0.238	0.3	40

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853245

PROJECT: 2021 Surimeau DDH Batch 86

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
67001 (3422562)	1.85	1.25	0.32	8.22	8.69	1.53	2	<1	0.43	<0.2	<0.05	3.0	<10	0.18
67002 (3422563)	0.09	0.13	<0.05	0.08	0.39	0.18	<1	<1	<0.05	<0.2	<0.05	0.6	<10	<0.05
67003 (3422564)	1.32	0.93	0.28	7.54	7.77	1.08	2	<1	0.26	<0.2	<0.05	1.7	<10	0.13
67004 (3422565)	0.96	0.75	0.22	6.43	6.06	0.77	2	<1	0.18	<0.2	<0.05	0.6	<10	0.09
67005 (3422566)	1.48	1.03	0.34	8.26	8.05	1.18	2	<1	0.33	<0.2	<0.05	0.9	<10	0.15
67006 (3422567)	2.60	1.59	2.50	6.22	10.9	1.65	1	<1	0.48	<0.2	0.54	1.9	30	0.23
67007 (3422568)	1.34	0.79	0.23	7.05	6.54	0.82	2	<1	0.27	<0.2	<0.05	0.5	<10	0.16
67008 (3422569)	0.89	0.72	0.13	6.29	6.55	0.75	2	<1	0.21	<0.2	<0.05	0.4	<10	0.09
67009 (3422570)	0.87	0.65	0.16	6.09	6.42	0.69	2	<1	0.22	<0.2	<0.05	0.5	<10	0.07
67010 (3422571)	0.90	0.67	0.10	6.07	5.86	0.72	2	<1	0.21	<0.2	<0.05	0.4	<10	0.09
67011 (3422572)	1.94	1.15	0.35	8.88	8.68	1.31	2	<1	0.45	<0.2	<0.05	1.2	<10	0.15
67012 (3422573)	1.91	1.48	0.43	8.78	10.4	1.46	1	<1	0.38	<0.2	0.28	0.9	15	0.18
67013 (3422574)	2.00	1.23	0.47	9.05	10.3	1.71	2	<1	0.36	<0.2	0.31	0.9	15	0.18
67014 (3422575)	1.45	1.01	0.36	7.71	8.68	1.07	2	<1	0.31	<0.2	0.15	0.6	12	0.15
67015 (3422576)	1.53	1.15	0.43	7.43	8.85	1.09	2	<1	0.30	<0.2	0.19	0.7	13	0.18
67016 (3422577)	1.34	0.79	0.29	6.40	6.59	0.92	1	<1	0.24	<0.2	0.40	0.8	23	0.08
67017 (3422578)	1.15	0.70	0.24	6.30	7.12	0.99	2	<1	0.22	<0.2	1.19	0.5	34	0.08
67018 (3422579)	3.24	1.58	1.56	7.99	13.2	4.67	1	2	0.58	<0.2	0.82	27.2	47	0.20
67019 (3422580)	2.42	1.60	0.95	7.31	12.0	2.98	1	2	0.49	<0.2	0.28	18.3	34	0.17
67020 (3422581)	1.89	1.15	0.43	7.71	9.25	1.42	1	<1	0.43	<0.2	0.17	1.3	<10	0.13
67021 (3422582)	1.77	1.29	0.52	7.75	9.51	1.38	2	<1	0.40	<0.2	0.18	1.5	11	0.17
67022 (3422583)	0.33	0.23	0.06	0.20	1.61	0.29	1	<1	0.06	<0.2	0.05	1.1	<10	<0.05
67023 (3422584)	1.29	0.78	0.30	6.82	8.29	1.11	2	<1	0.26	<0.2	0.69	1.5	23	0.11
67024 (3422585)	1.05	0.73	0.26	6.84	7.84	1.05	2	<1	0.22	<0.2	1.06	0.8	29	0.10
67025 (3422586)	1.43	0.94	0.29	6.69	7.36	1.32	2	<1	0.33	<0.2	<0.05	0.9	<10	0.17
67026 (3422587)	1.34	0.92	0.40	7.26	8.91	1.04	3	<1	0.27	<0.2	<0.05	0.8	<10	0.09
67027 (3422588)	4.92	2.80	0.82	10.0	12.4	5.72	2	3	0.97	<0.2	0.12	30.0	11	0.32
67028 (3422589)	1.13	0.72	0.18	7.06	7.12	0.91	3	<1	0.21	<0.2	<0.05	0.5	<10	0.09
67029 (3422590)	2.40	1.86	0.78	6.72	6.15	1.75	2	1	0.56	0.4	<0.05	1.1	<10	0.48
67030 (3422591)	2.73	2.19	0.86	5.83	4.13	2.21	2	1	0.60	<0.2	<0.05	1.3	<10	0.53
67031 (3422592)	1.58	0.96	0.28	6.86	7.43	1.06	2	<1	0.34	<0.2	<0.05	0.8	<10	0.13
67032 (3422593)	1.65	1.07	0.38	7.01	8.64	1.37	2	<1	0.33	<0.2	<0.05	1.2	<10	0.13

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853245

PROJECT: 2021 Surimeau DDH Batch 86

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
67033 (3422594)	1.44	1.01	0.35	6.21	6.32	1.17	2	<1	0.30	<0.2	<0.05	1.4	<10	0.13
67034 (3422595)	1.04	0.68	0.28	6.65	7.18	0.80	2	<1	0.19	<0.2	<0.05	0.9	<10	0.10
67035 (3422596)	0.96	0.68	0.18	7.01	7.75	0.75	2	<1	0.22	<0.2	<0.05	0.6	<10	0.09
67036 (3422597)	1.10	0.62	0.17	7.03	8.15	0.76	2	<1	0.22	<0.2	<0.05	0.7	<10	0.10
67037 (3422598)	1.73	1.01	0.30	6.81	8.56	1.79	2	<1	0.34	<0.2	0.23	4.3	<10	0.15
67038 (3422599)	1.86	1.09	0.36	7.27	8.00	1.65	2	<1	0.38	<0.2	<0.05	1.3	<10	0.13
67039 (3422600)	1.85	1.08	0.28	7.33	7.96	1.29	2	<1	0.36	<0.2	<0.05	0.9	<10	0.16
67040 (3422601)	1.97	1.17	0.38	6.05	5.00	1.53	2	<1	0.39	<0.2	<0.05	1.4	<10	0.16
67041 (3422602)	1.61	0.98	0.31	6.96	6.51	1.27	2	<1	0.30	<0.2	<0.05	0.9	<10	0.14
67042 (3422603)	1.76	1.04	0.29	6.94	6.94	1.42	2	<1	0.37	<0.2	<0.05	0.9	<10	0.16
67043 (3422604)	2.24	1.13	0.51	12.9	8.11	2.05	<1	2	0.43	<0.2	0.69	18.7	26	0.22
67044 (3422605)	0.91	0.66	0.14	7.19	7.78	0.73	2	<1	0.19	<0.2	<0.05	0.6	<10	0.08
67045 (3422606)	0.82	0.72	0.29	6.76	7.01	0.85	2	<1	0.20	<0.2	<0.05	1.0	<10	0.07
67046 (3422607)	1.47	0.98	0.37	6.40	6.13	1.31	2	<1	0.33	<0.2	<0.05	1.6	<10	0.17
67047 (3422608)	1.25	0.78	0.20	7.29	8.95	0.88	3	<1	0.25	<0.2	<0.05	0.5	<10	0.12
67048 (3422609)	1.46	0.88	0.31	9.99	8.32	1.35	2	<1	0.31	<0.2	0.12	1.1	12	0.10
67049 (3422610)	1.16	0.78	0.26	7.27	8.89	0.93	3	<1	0.25	<0.2	<0.05	0.7	<10	0.12
67050 (3422611)	1.33	0.87	0.36	7.38	10.6	1.04	3	<1	0.27	<0.2	<0.05	0.8	<10	0.12

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853245

PROJECT: 2021 Surimeau DDH Batch 86

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
67001 (3422562)	13.7	1340	<2	<1	5.2	1090	0.02	<5	1.01	<0.2	0.39	<0.1	27	20.5
67002 (3422563)	0.65	42	<2	<1	0.5	<5	<0.01	<5	0.13	0.4	0.20	<0.1	<5	2.51
67003 (3422564)	13.8	1180	<2	<1	3.0	1140	0.02	<5	0.58	<0.2	0.25	0.3	25	21.0
67004 (3422565)	13.6	1140	<2	<1	1.9	1300	<0.01	<5	0.33	0.2	0.26	0.2	19	23.0
67005 (3422566)	12.9	1680	<2	<1	1.8	895	0.01	<5	0.31	2.2	0.16	0.4	28	19.9
67006 (3422567)	4.52	3470	<2	<1	3.0	1900	0.02	21	0.64	20.3	0.32	1.0	32	12.6
67007 (3422568)	13.4	1270	<2	<1	1.5	1300	<0.01	<5	0.27	0.6	0.65	0.2	21	19.1
67008 (3422569)	15.0	1010	<2	<1	1.2	1640	<0.01	<5	0.19	0.2	0.31	0.3	19	20.5
67009 (3422570)	15.3	1170	<2	<1	1.4	1410	0.06	<5	0.22	1.0	0.16	0.5	16	21.0
67010 (3422571)	14.3	965	<2	<1	1.0	1280	<0.01	<5	0.21	0.9	0.27	0.3	16	23.2
67011 (3422572)	12.1	1680	<2	<1	2.6	705	0.02	<5	0.50	1.6	0.43	0.6	31	19.3
67012 (3422573)	11.6	1670	<2	<1	2.6	566	0.01	<5	0.41	11.3	0.14	0.2	34	20.0
67013 (3422574)	12.3	1710	<2	<1	2.4	599	0.02	<5	0.43	11.5	0.15	0.3	35	20.5
67014 (3422575)	12.2	1550	<2	<1	1.7	1110	0.01	<5	0.32	5.1	0.21	0.6	26	22.3
67015 (3422576)	11.9	1510	<2	<1	1.9	1070	0.01	<5	0.32	6.9	0.21	0.5	25	21.8
67016 (3422577)	11.6	1290	<2	<1	1.9	1100	<0.01	<5	0.36	17.7	0.10	0.4	21	22.0
67017 (3422578)	11.7	1280	<2	<1	1.5	1040	<0.01	<5	0.23	51.0	0.09	0.3	19	24.0
67018 (3422579)	9.34	1670	<2	3	28.3	633	0.12	7	7.40	33.2	0.09	<0.1	28	22.4
67019 (3422580)	7.73	1930	<2	2	18.0	838	0.09	13	4.64	8.0	0.21	<0.1	27	19.1
67020 (3422581)	6.55	2040	3	<1	2.6	1200	0.01	14	0.47	1.8	0.21	<0.1	31	20.4
67021 (3422582)	6.85	2090	<2	<1	2.6	1040	0.01	11	0.49	1.7	0.28	0.2	31	18.5
67022 (3422583)	1.51	111	<2	<1	0.9	<5	<0.01	<5	0.24	1.4	0.41	<0.1	<5	6.85
67023 (3422584)	10.7	1640	<2	<1	3.0	1070	0.02	11	0.56	24.1	0.21	<0.1	22	24.1
67024 (3422585)	11.1	1600	<2	<1	1.5	1240	<0.01	<5	0.33	39.6	0.72	0.1	22	23.0
67025 (3422586)	14.3	1170	<2	<1	2.1	1110	<0.01	<5	0.41	<0.2	0.64	0.2	21	20.9
67026 (3422587)	14.4	1160	<2	<1	2.2	1150	<0.01	<5	0.36	0.3	1.10	<0.1	21	21.8
67027 (3422588)	12.9	1620	<2	4	27.7	191	0.17	<5	6.80	4.8	1.69	0.2	47	18.3
67028 (3422589)	14.3	1280	<2	<1	1.5	1400	<0.01	<5	0.24	0.3	0.88	<0.1	22	21.8
67029 (3422590)	14.1	1170	<2	<1	3.4	1170	0.02	<5	0.59	<0.2	0.64	1.0	21	20.8
67030 (3422591)	13.4	1250	<2	<1	2.4	699	0.01	<5	0.47	<0.2	0.40	0.3	17	21.6
67031 (3422592)	13.6	1000	<2	<1	2.2	814	<0.01	<5	0.37	0.2	0.51	0.3	24	20.5
67032 (3422593)	14.1	1100	<2	<1	3.5	1260	<0.01	<5	0.67	1.7	0.70	0.2	23	22.6

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853245

PROJECT: 2021 Surimeau DDH Batch 86

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
67033 (3422594)	13.5	1040	<2	<1	2.3	1200	0.02	<5	0.41	0.4	0.60	0.1	20	22.5
67034 (3422595)	14.8	923	<2	<1	1.4	1440	<0.01	<5	0.28	0.5	0.38	<0.1	20	20.7
67035 (3422596)	16.1	1020	<2	<1	1.3	1490	<0.01	<5	0.23	0.6	0.24	<0.1	21	22.2
67036 (3422597)	15.6	1060	<2	<1	1.8	1560	<0.01	<5	0.32	0.5	0.28	0.3	21	22.7
67037 (3422598)	14.6	994	<2	<1	6.8	1220	0.03	<5	1.50	12.1	0.70	0.2	24	23.0
67038 (3422599)	14.6	1170	<2	<1	3.9	1360	0.01	<5	0.72	2.1	0.76	0.4	24	23.5
67039 (3422600)	14.5	1100	<2	<1	2.2	905	0.01	<5	0.42	0.2	0.56	0.1	26	22.0
67040 (3422601)	13.7	1330	<2	<1	2.7	749	0.02	<5	0.49	<0.2	0.45	0.2	17	22.5
67041 (3422602)	14.5	1240	<2	<1	2.2	1200	0.02	<5	0.37	0.3	0.69	<0.1	22	21.5
67042 (3422603)	14.3	1200	<2	<1	2.1	1200	0.02	<5	0.40	0.5	0.69	<0.1	22	21.4
67043 (3422604)	9.46	963	<2	4	12.8	34600	0.02	24	3.65	29.4	6.23	2.3	11	21.4
67044 (3422605)	16.6	1030	<2	<1	1.6	1510	<0.01	<5	0.26	0.4	0.24	0.2	21	23.0
67045 (3422606)	14.6	911	<2	<1	1.5	1410	<0.01	<5	0.23	0.3	0.37	0.2	20	21.2
67046 (3422607)	14.1	1050	<2	<1	2.2	1220	0.02	<5	0.42	<0.2	0.61	0.2	21	23.4
67047 (3422608)	15.2	1360	<2	<1	1.5	1500	<0.01	<5	0.25	0.5	0.94	0.2	23	22.4
67048 (3422609)	13.0	1680	<2	<1	3.2	298	0.16	<5	0.64	74.6	1.74	<0.1	47	17.9
67049 (3422610)	14.3	1230	<2	<1	1.8	1370	<0.01	<5	0.36	0.3	1.29	0.3	24	22.1
67050 (3422611)	14.9	1200	<2	<1	1.9	1200	<0.01	<5	0.39	0.5	1.17	0.3	23	22.0

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853245

PROJECT: 2021 Surimeau DDH Batch 86

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
67001 (3422562)	1.2	<1	69.9	<0.5	0.31	0.5	0.23	<0.5	0.18	0.14	155	<1	9.9	1.2
67002 (3422563)	0.1	<1	33.3	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.12	<5	<1	1.4	0.1
67003 (3422564)	1.0	<1	63.1	<0.5	0.16	0.5	0.22	<0.5	0.11	0.30	137	<1	7.0	0.8
67004 (3422565)	0.6	<1	30.8	<0.5	0.14	<0.1	0.14	<0.5	0.10	0.05	98	<1	6.1	0.7
67005 (3422566)	0.8	<1	79.5	<0.5	0.19	<0.1	0.23	<0.5	0.12	<0.05	161	<1	8.4	1.0
67006 (3422567)	0.9	2	996	<0.5	0.31	0.1	0.24	<0.5	0.19	0.07	193	<1	16.0	1.6
67007 (3422568)	0.7	<1	211	<0.5	0.19	<0.1	0.17	<0.5	0.11	<0.05	118	<1	6.6	0.8
67008 (3422569)	0.5	<1	107	<0.5	0.14	<0.1	0.16	<0.5	0.11	<0.05	102	<1	5.4	0.7
67009 (3422570)	0.4	<1	94.5	<0.5	0.11	<0.1	0.12	<0.5	0.09	<0.05	81	<1	5.4	0.7
67010 (3422571)	0.3	<1	31.7	<0.5	0.12	<0.1	0.12	<0.5	0.07	0.05	83	<1	4.6	0.5
67011 (3422572)	1.0	<1	110	<0.5	0.30	<0.1	0.26	<0.5	0.18	<0.05	185	<1	10.8	1.2
67012 (3422573)	1.0	<1	66.8	<0.5	0.29	<0.1	0.29	<0.5	0.17	<0.05	184	<1	10.3	1.2
67013 (3422574)	0.9	<1	71.3	<0.5	0.32	<0.1	0.30	<0.5	0.18	<0.05	195	<1	10.5	1.2
67014 (3422575)	0.6	<1	44.4	<0.5	0.16	<0.1	0.21	<0.5	0.15	<0.05	137	<1	7.8	1.0
67015 (3422576)	0.7	<1	44.1	<0.5	0.22	<0.1	0.20	<0.5	0.15	<0.05	138	<1	8.1	0.9
67016 (3422577)	0.6	<1	44.7	<0.5	0.17	<0.1	0.16	<0.5	0.09	<0.05	108	<1	6.2	0.7
67017 (3422578)	0.6	<1	41.3	<0.5	0.20	<0.1	0.14	0.7	0.07	0.08	99	<1	5.9	0.7
67018 (3422579)	5.6	1	324	<0.5	0.59	5.6	0.38	0.5	0.22	1.53	190	<1	14.3	1.4
67019 (3422580)	3.7	<1	382	<0.5	0.46	3.2	0.30	<0.5	0.18	0.92	173	<1	11.7	1.3
67020 (3422581)	1.0	<1	296	<0.5	0.27	<0.1	0.25	<0.5	0.18	<0.05	164	<1	10.8	1.2
67021 (3422582)	0.9	<1	323	<0.5	0.28	<0.1	0.25	<0.5	0.14	0.06	169	<1	10.8	1.1
67022 (3422583)	0.2	<1	75.4	<0.5	<0.05	0.2	<0.01	<0.5	<0.05	0.22	<5	<1	2.9	0.2
67023 (3422584)	0.9	<1	70.2	<0.5	0.17	0.2	0.18	<0.5	0.11	0.13	122	<1	6.9	0.7
67024 (3422585)	0.5	<1	75.7	<0.5	0.16	<0.1	0.17	0.6	0.10	<0.05	126	<1	6.8	0.7
67025 (3422586)	0.7	<1	119	<0.5	0.19	<0.1	0.16	<0.5	0.15	<0.05	113	<1	8.2	1.0
67026 (3422587)	0.8	<1	32.4	<0.5	0.19	0.1	0.17	<0.5	0.11	0.10	135	<1	6.7	0.6
67027 (3422588)	6.1	2	50.3	0.5	0.81	6.6	0.72	<0.5	0.38	0.71	249	<1	25.7	2.4
67028 (3422589)	0.7	<1	40.6	<0.5	0.17	<0.1	0.17	<0.5	0.13	<0.05	115	<1	6.2	0.7
67029 (3422590)	2.4	<1	118	<0.5	0.46	0.2	0.16	<0.5	0.33	0.16	111	<1	8.4	1.6
67030 (3422591)	2.4	<1	152	<0.5	0.46	0.2	0.10	<0.5	0.38	0.17	79	<1	9.3	1.7
67031 (3422592)	0.7	<1	44.0	<0.5	0.20	<0.1	0.18	<0.5	0.12	0.09	129	<1	8.2	1.1
67032 (3422593)	1.2	<1	40.6	<0.5	0.28	0.1	0.16	<0.5	0.15	0.11	120	<1	8.8	0.9

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853245

PROJECT: 2021 Surimeau DDH Batch 86

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
67033 (3422594)	0.7	<1	98.6	<0.5	0.19	<0.1	0.15	<0.5	0.13	0.06	112	<1	7.5	0.8
67034 (3422595)	0.6	<1	73.1	<0.5	0.14	<0.1	0.16	<0.5	0.09	<0.05	116	<1	5.7	0.6
67035 (3422596)	0.5	<1	42.2	<0.5	0.14	<0.1	0.16	<0.5	0.09	<0.05	116	<1	5.1	0.7
67036 (3422597)	0.7	<1	30.3	<0.5	0.15	<0.1	0.16	<0.5	0.10	0.09	118	<1	5.7	0.6
67037 (3422598)	1.6	<1	42.3	<0.5	0.30	0.8	0.19	<0.5	0.14	0.18	127	<1	8.9	1.1
67038 (3422599)	1.4	<1	44.7	<0.5	0.28	0.1	0.17	<0.5	0.15	0.08	133	<1	9.4	1.1
67039 (3422600)	0.9	<1	49.2	<0.5	0.24	<0.1	0.20	<0.5	0.17	0.10	146	<1	9.5	1.2
67040 (3422601)	0.9	<1	161	<0.5	0.25	<0.1	0.11	<0.5	0.17	0.07	86	<1	10.2	1.1
67041 (3422602)	0.8	<1	127	<0.5	0.22	<0.1	0.17	<0.5	0.13	<0.05	125	<1	9.0	1.0
67042 (3422603)	0.8	<1	112	<0.5	0.23	<0.1	0.17	<0.5	0.16	<0.05	122	<1	9.8	1.0
67043 (3422604)	2.4	<1	56.4	0.7	0.37	8.8	0.16	0.6	0.18	2.78	60	4	10.7	1.1
67044 (3422605)	0.4	<1	42.9	<0.5	0.14	<0.1	0.16	<0.5	0.13	0.06	114	<1	5.2	0.6
67045 (3422606)	0.6	<1	72.6	<0.5	0.15	<0.1	0.16	<0.5	0.08	<0.05	111	<1	5.3	0.6
67046 (3422607)	0.8	<1	100	<0.5	0.19	<0.1	0.15	<0.5	0.11	0.07	107	<1	7.8	0.9
67047 (3422608)	0.6	<1	43.9	<0.5	0.17	<0.1	0.18	<0.5	0.12	<0.05	129	<1	6.6	0.8
67048 (3422609)	1.2	<1	50.8	<0.5	0.24	0.2	0.76	1.0	0.11	0.08	262	<1	7.4	0.9
67049 (3422610)	0.7	<1	28.9	<0.5	0.17	0.1	0.19	<0.5	0.12	0.08	135	<1	6.4	0.8
67050 (3422611)	0.7	<1	34.0	<0.5	0.19	0.1	0.17	<0.5	0.14	0.08	151	<1	7.2	0.8

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853245

PROJECT: 2021 Surimeau DDH Batch 86

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
67001 (3422562)	53	21.4
67002 (3422563)	<5	0.9
67003 (3422564)	42	20.0
67004 (3422565)	35	10.7
67005 (3422566)	55	20.5
67006 (3422567)	39	21.5
67007 (3422568)	34	14.2
67008 (3422569)	30	11.5
67009 (3422570)	30	10.1
67010 (3422571)	32	9.3
67011 (3422572)	59	22.1
67012 (3422573)	68	24.0
67013 (3422574)	59	24.5
67014 (3422575)	46	16.7
67015 (3422576)	49	15.6
67016 (3422577)	39	13.0
67017 (3422578)	46	12.4
67018 (3422579)	70	80.3
67019 (3422580)	56	58.2
67020 (3422581)	49	21.2
67021 (3422582)	53	20.9
67022 (3422583)	<5	1.9
67023 (3422584)	53	17.6
67024 (3422585)	38	13.6
67025 (3422586)	37	13.1
67026 (3422587)	51	15.0
67027 (3422588)	66	106
67028 (3422589)	40	14.3
67029 (3422590)	40	13.6
67030 (3422591)	29	7.8
67031 (3422592)	41	16.2
67032 (3422593)	56	13.2

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853245

PROJECT: 2021 Surimeau DDH Batch 86

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
67033 (3422594)	38	12.3
67034 (3422595)	36	12.1
67035 (3422596)	55	13.3
67036 (3422597)	57	14.7
67037 (3422598)	57	29.3
67038 (3422599)	65	14.9
67039 (3422600)	52	14.2
67040 (3422601)	43	9.9
67041 (3422602)	49	15.4
67042 (3422603)	48	18.9
67043 (3422604)	128	65.6
67044 (3422605)	40	12.5
67045 (3422606)	26	12.9
67046 (3422607)	31	13.0
67047 (3422608)	57	15.5
67048 (3422609)	86	13.1
67049 (3422610)	58	15.8
67050 (3422611)	71	15.8

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853245

PROJECT: 2021 Surimeau DDH Batch 86

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Crush-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
67001 (3422562)	76.53
67020 (3422581)	77.64
67040 (3422601)	81.38

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853245

PROJECT: 2021 Surimeau DDH Batch 86

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 15, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Pul-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
67001 (3422562)	87.16
67020 (3422581)	87.01
67040 (3422601)	87.35

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 22O853245

PROJECT: 2021 Surimeau DDH Batch 86

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3							
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	3422602	<1	<1	0.0%		<1	<1	0.0%	3422587	< 1	< 1	0.0%				
Al	3422562	3.88	3.55	8.9%	3422576	3.70	3.85	4.0%	3422587	3.79	3.26	14.9%				
As	3422602	<5	<5	0.0%		<5	<5	0.0%	3422587	< 5	< 5	0.0%				
B	3422562	27	23	15.7%	3422576	25	24	2.4%	3422587	20	21	0.3%				
Ba	3422562	1.3	<0.5	117.6%	3422576	36.8	41.3	11.4%	3422587	0.9	<0.5	122.2%				
Be	3422562	<5	<5	0.0%	3422576	<5	<5	0.0%	3422587	<5	<5	0.0%				
Bi	3422602	0.5	0.4	14.6%		0.4	0.4	2.7%	3422587	0.5	0.5	0.0%				
Ca	3422562	5.66	5.46	3.6%	3422576	6.09	6.18	1.4%	3422587	5.01	5.23	4.2%				
Cd	3422602	<0.2	<0.2	0.0%		<0.2	<0.2	0.0%	3422587	< 0.2	< 0.2	0.0%				
Ce	3422602	2.3	2.3	2.3%		3.5	3.6	3.3%	3422587	2.18	2.02	7.6%				
Co	3422602	90.8	92.5	1.9%		125	124	1.1%	3422587	87.8	96.4	9.3%				
Cr	3422562	0.224	0.215	4.2%	3422576	0.224	0.236	5.2%	3422587	0.215	0.221	2.8%				
Cs	3422602	0.3	0.2	12.5%		2.1	2.0	6.4%	3422587	0.24	0.30	22.2%				
Cu	3422562	48	45	5.7%	3422576	26	29	9.4%	3422587	46	54	16.4%				
Dy	3422602	1.61	1.62	0.8%		2.89	2.85	1.2%	3422587	1.34	1.19	11.9%				
Er	3422602	0.98	0.99	1.6%		1.82	1.87	2.9%	3422587	0.92	0.76	19.0%				
Eu	3422602	0.31	0.30	1.3%		0.51	0.49	4.6%	3422587	0.40	0.35	13.3%				
Fe	3422562	8.22	7.74	6.1%	3422576	7.43	7.53	1.4%	3422587	7.26	7.29	0.4%				
Ga	3422602	6.51	6.74	3.4%		14.6	14.8	1.5%	3422587	8.91	7.85	12.6%				
Gd	3422602	1.27	1.27	0.1%		2.14	2.32	8.1%	3422587	1.04	0.95	9.0%				
Ge	3422602	2	2	3.9%		2	1	22.4%	3422587	3	3	0.0%				
Hf	3422602	<1	<1	0.0%		1	1	2.1%	3422587	< 1	< 1	0.0%				
Ho	3422602	0.30	0.35	16.1%		0.57	0.58	2.6%	3422587	0.27	0.22	20.4%				
In	3422602	<0.2	<0.2	0.0%		<0.2	<0.2	0.0%	3422587	< 0.2	< 0.2	0.0%				
K	3422562	<0.05	<0.05	0.0%	3422576	0.19	0.21	7.5%	3422587	<0.05	<0.05	0.0%				
La	3422602	0.9	0.9	1.0%		1.3	1.3	1.7%	3422587	0.77	0.72	6.7%				
Li	3422562	<10	<10	0.0%	3422576	13	13	0.1%	3422587	<10	<10	0.0%				
Lu	3422602	0.14	0.15	11.6%		0.25	0.25	0.2%	3422587	0.09	0.12	28.6%				
Mg	3422562	13.7	13.2	3.8%	3422576	11.9	12.2	2.2%	3422587	14.4	14.1	2.1%				
Mn	3422562	1340	1300	3.1%	3422576	1510	1530	1.6%	3422587	1160	1210	4.2%				
Mo	3422602	<2	<2	0.0%		<2	<2	0.0%	3422587	< 2	< 2	0.0%				

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Nb	3422602	<1	<1	0.0%		<1	<1	0.0%	3422587	< 1	< 1	0.0%				
Nd	3422602	2.2	2.4	9.1%		3.4	3.6	6.7%	3422587	2.18	1.73	23.0%				
Ni	3422562	1090	1030	5.4%	3422576	1070	1130	5.4%	3422587	1150	1280	10.9%				
P	3422562	0.02	0.02	18.0%	3422576	0.01	0.01	3.2%	3422587	<0.01	<0.01	0.0%				
Pb	3422602	<5	<5	0.0%		11	11	1.5%	3422587	< 5	< 5	0.0%				
Pr	3422602	0.37	0.40	7.7%		0.65	0.65	0.6%	3422587	0.36	0.29	21.5%				
Rb	3422602	0.3	0.4	44.4%		14.3	13.9	2.7%	3422587	0.3	< 0.2					
S	3422562	0.39	0.35	11.1%	3422576	0.21	0.23	5.1%	3422587	1.10	1.22	10.7%				
Sb	3422602	<0.1	0.1	0.0%		0.4	0.2	87.2%	3422587	< 0.1	0.3					
Sc	3422562	27	26	4.4%	3422576	25	26	3.8%	3422587	21	23	7.2%				
Si	3422562	20.5	19.6	4.6%	3422576	21.8	22.0	1.1%	3422587	21.8	22.2	1.5%				
Sm	3422602	0.8	0.9	14.6%		1.4	1.5	6.4%	3422587	0.8	0.8	0.0%				
Sn	3422602	<1	<1	0.0%	3422576	< 1	< 1	0.0%	3422587	< 1	< 1	0.0%				
Sr	3422562	69.9	63.4	9.7%	3422576	44.1	44.6	1.1%	3422587	32.4	26.8	18.9%				
Ta	3422562	< 0.5	< 0.5	0.0%	3422576	< 0.5	< 0.5	0.0%	3422587	< 0.5	< 0.5	0.0%				
Tb	3422602	0.22	0.24	8.8%		0.41	0.40	0.4%	3422587	0.19	0.17	11.1%				
Th	3422602	<0.1	<0.1	0.0%		<0.1	<0.1	0.0%	3422587	0.1	0.1	0.0%				
Ti	3422562	0.23	0.21	10.4%	3422576	0.20	0.21	2.5%	3422587	0.17	0.19	12.9%				
Tl	3422602	<0.5	<0.5	0.0%		<0.5	<0.5	0.0%	3422587	< 0.5	< 0.5	0.0%				
Tm	3422602	0.13	0.16	15.7%		0.25	0.26	6.4%	3422587	0.11	0.10	9.5%				
U	3422602	<0.05	<0.05	0.0%		<0.05	0.05	0.0%	3422587	0.10	0.10	0.0%				
V	3422562	155	142	8.7%	3422576	138	146	5.5%	3422587	135	121	10.8%				
W	3422602	<1	<1	0.0%		<1	<1	0.0%	3422587	< 1	< 1	0.0%				
Y	3422602	9.0	9.1	0.9%		15.5	15.0	2.9%	3422587	6.66	5.94	11.4%				
Yb	3422602	1.0	1.0	5.8%		1.6	1.7	5.4%	3422587	0.64	0.72	11.8%				
Zn	3422562	53	52	2.5%	3422576	49	43	13.8%	3422587	51	44	15.1%				
Zr	3422602	15.4	14.8	4.1%		33.9	33.9	0.1%	3422587	15.0	16.4	8.9%				

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 22O853245

PROJECT: 2021 Surimeau DDH Batch 86

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.OREAS-47)				CRM #2 (ref.OREAS-47)				CRM #3 (ref.OREAS-72B)				CRM #4 (ref.OREAS-72b)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	6.32	5.98	95%	80% - 120%					4.72	4.68	99%	80% - 120%				
As													151	135	90%	80% - 120%
Ba	473.0	470	99%	80% - 120%					335.0	334	100%	80% - 120%				
Ca	2.33	2.23	96%	80% - 120%					2.82	2.78	99%	80% - 120%				
Ce	56.0	56	101%	80% - 120%	56.0	56	101%	80% - 120%								
Co	56.0	50	90%	80% - 120%	56.0	53	95%	80% - 120%								
Cr	112.86	99.8	88%	80% - 120%					974.0	985	101%	80% - 120%				
Cs	2.01	2	97%	80% - 120%	2.01	2	98%	80% - 120%								
Cu									219.0	210	96%	80% - 120%				
Dy	2.11	2.1	98%	80% - 120%	2.11	2.2	106%	80% - 120%								
Er	1.16	1.2	106%	80% - 120%	1.16	1.2	100%	80% - 120%								
Eu	1.01	1.0	104%	80% - 120%	1.01	1.0	97%	80% - 120%								
Fe	2.78	2.74	99%	80% - 120%					6.97	6.86	98%	80% - 120%				
Ga	14.1	15	104%	80% - 120%	14.1	16	112%	80% - 120%								
Gd	2.83	3.0	106%	80% - 120%	2.83	3.1	108%	80% - 120%								
Hf	4.1	3.8	92%	80% - 120%												
Ho	0.42	0.4	99%	80% - 120%	0.42	0.4	101%	80% - 120%								
K	1.18	1.11	94%	80% - 120%					1.13	1.05	93%	80% - 120%				
La	30.9	30.8	100%	80% - 120%	30.9	31.3	101%	80% - 120%								
Lu	0.16	0	108%	80% - 120%	0.16	0	98%	80% - 120%								
Mg	1.0	0.981	98%	80% - 120%					9.66	9.63	100%	80% - 120%				
Mn	496.0	488	98%	80% - 120%					1010.0	992	98%	80% - 120%				
Mo	12.7	12	98%	80% - 120%	12.7	12	96%	80% - 120%								
Nb	17.9	17	93%	80% - 120%	17.9	17	95%	80% - 120%								
Nd	24.0	25.1	105%	80% - 120%	24.0	24.7	103%	80% - 120%								
Ni	91	94	103%	80% - 120%					7050.0	7130	101%	80% - 120%				
P	0.056	0.059	106%	80% - 120%					0.029	0.027	93%	80% - 120%				
Pb	284.0	292	103%	80% - 120%	284.0	290	102%	80% - 120%								
Pr	6.58	6.8	104%	80% - 120%	6.58	6.7	103%	80% - 120%								
Rb	37.6	37	97%	80% - 120%	37.6	38	101%	80% - 120%								
S									1.48	1.42	96%	80% - 120%				

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sc	9.27	9.35	101%	80% - 120%												
Si	33.99	33.4	98%	80% - 120%					24.02	24.9	104%	80% - 120%				
Sm	4.01	4.0	101%	80% - 120%	4.01	4.0	100%	80% - 120%								
Sn	6.14	5	80%	80% - 120%												
Sr	402.0	395	98%	80% - 120%					61.0	63.8	105%	80% - 120%				
Tb	0.39	0.4	105%	80% - 120%	0.39	0.4	105%	80% - 120%								
Th	3.84	4	101%	80% - 120%	3.84	4	99%	80% - 120%								
Ti	0.23	0.215	93%	80% - 120%					0.208	0.207	99%	80% - 120%				
Tm	0.17	0.2	98%	80% - 120%	0.17	0.2	104%	80% - 120%								
U	0.79	1	101%	80% - 120%	0.79	1	107%	80% - 120%								
V	61.0	56.9	93%	80% - 120%					77.0	72.7	94%	80% - 120%				
Y	11.6	11.5	99%	80% - 120%	11.6	11.5	99%	80% - 120%								
Yb	1.08	1.2	111%	80% - 120%	1.08	1.2	110%	80% - 120%								
Zn	217.0	195	90%	80% - 120%					90.0	82.3	91%	80% - 120%				
Zr	161.0	156	97%	80% - 120%	161.0	155	96%	80% - 120%								

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O853245

PROJECT: 2021 Surimeau DDH Batch 86

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O853245

PROJECT: 2021 Surimeau DDH Batch 86

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O853245

PROJECT: 2021 Surimeau DDH Batch 86

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Crush-Pass %			BALANCE
Pul-Pass %			BALANCE

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 87

AGAT WORK ORDER: 22O853248

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Mar 10, 2022

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

Disclaimer:

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project Manager if you require additional sample storage time.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
- The test results reported herewith relate only to the samples as received by the laboratory.
- Measurement Uncertainty is not taken into consideration when stating conformity with a specified requirement.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853248

PROJECT: 2021 Surimeau DDH Batch 87

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
67051 (3422655)	4.110
67052 (3422656)	1.330
67053 (3422657)	3.860
67054 (3422658)	3.800
67055 (3422659)	0.060
67056 (3422660)	3.460
67057 (3422661)	3.020
67058 (3422662)	3.280
67059 (3422663)	2.890
67060 (3422664)	2.810
67061 (3422665)	1.390
67062C-DUP (3422666)	<0.005
67063 (3422667)	1.000
67064 (3422668)	1.690
67065 (3422669)	0.360
67066 (3422670)	3.440
67067 (3422671)	2.280
67068 (3422672)	0.890
67069 (3422673)	3.100
67070 (3422674)	3.090
67071 (3422675)	1.280
67072 (3422676)	0.640
67073 (3422677)	2.020
67074 (3422678)	2.860
67075 (3422679)	3.770
67076 (3422680)	2.020
67077 (3422681)	2.430
67078 (3422682)	2.960
67079 (3422683)	3.150
67080 (3422684)	3.160
67081 (3422685)	3.080

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853248

PROJECT: 2021 Surimeau DDH Batch 87

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
67082 (3422686)	3.050
67083 (3422687)	3.140
67084 (3422688)	3.280
67085 (3422689)	2.720
67086 (3422690)	2.360
67087 (3422691)	3.070
67088 (3422692)	2.660
67089 (3422693)	2.670
67090 (3422694)	2.040
67091 (3422695)	2.840
67092 (3422696)	1.470
67093 (3422697)	2.240
67094 (3422698)	2.720
67095C-DUP (3422699)	<0.005
67096 (3422700)	3.090
67097 (3422701)	3.170
67098 (3422702)	3.080
67099 (3422703)	3.190
67100 (3422704)	3.030

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853248

PROJECT: 2021 Surimeau DDH Batch 87

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
67051 (3422655)	1	3.26	<5	45	1.4	<5	0.5	5.25	<0.2	2.0	95.0	0.235	0.2	56
67052 (3422656)	<1	0.11	<5	<20	17.5	<5	<0.1	32.4	<0.2	1.0	1.6	<0.005	<0.1	<5
67053 (3422657)	<1	3.35	<5	34	60.1	<5	0.6	4.61	<0.2	1.9	85.3	0.205	2.7	86
67054 (3422658)	1	2.56	<5	32	124	<5	0.9	3.13	<0.2	1.6	99.4	0.198	7.6	87
67055 (3422659)	4	0.99	26	163	58.7	<5	0.7	2.42	1.0	11.9	1270	0.021	0.5	13600
67056 (3422660)	2	4.11	<5	33	414	<5	0.9	3.69	2.6	19.8	108	0.175	15.8	168
67057 (3422661)	9	6.52	<5	30	224	<5	4.2	3.16	6.3	59.9	79.5	0.029	0.1	609
67058 (3422662)	3	6.27	<5	30	1220	<5	0.7	6.39	0.3	90.7	45.3	0.058	2.2	172
67059 (3422663)	2	6.38	<5	32	1500	<5	0.7	6.19	0.4	77.9	47.2	0.045	1.7	188
67060 (3422664)	<1	5.81	<5	29	951	<5	0.4	5.49	1.3	56.4	51.1	0.079	1.2	186
67061 (3422665)	3	5.80	<5	29	943	<5	0.4	5.43	1.5	58.1	51.8	0.073	1.4	194
67062C-DUP (3422666)	<1	7.08	<5	34	1010	<5	0.7	4.46	5.2	64.9	61.1	0.035	0.2	545
67063 (3422667)	3	7.83	<5	32	428	<5	0.8	2.66	8.2	72.2	67.5	0.019	0.4	544
67064 (3422668)	3	9.21	<5	20	1120	<5	0.2	1.26	<0.2	68.3	31.7	0.046	3.2	169
67065 (3422669)	2	8.86	<5	23	1150	<5	0.3	1.62	<0.2	70.2	31.5	0.032	2.6	197
67066 (3422670)	2	8.82	<5	<20	731	<5	0.4	1.07	<0.2	68.0	30.9	0.039	3.5	140
67067 (3422671)	<1	8.35	<5	21	658	<5	0.5	1.82	<0.2	72.2	27.4	0.027	3.1	120
67068 (3422672)	1	5.07	<5	28	732	<5	0.2	5.39	<0.2	28.7	58.3	0.142	4.7	75
67069 (3422673)	5	8.98	<5	<20	650	<5	0.4	1.92	<0.2	67.9	29.8	0.036	3.9	109
67070 (3422674)	4	9.76	<5	23	874	<5	0.4	1.94	<0.2	78.3	35.3	0.049	3.5	76
67071 (3422675)	5	0.33	<5	<20	28.5	<5	<0.1	34.3	<0.2	1.5	<0.5	0.007	<0.1	<5
67072 (3422676)	2	8.81	<5	<20	271	<5	0.4	2.15	<0.2	62.6	27.3	0.032	3.3	45
67073 (3422677)	<1	9.46	<5	28	751	<5	0.3	1.33	<0.2	75.4	31.4	0.054	4.9	61
67074 (3422678)	<1	8.58	<5	27	755	<5	0.4	1.67	0.4	73.6	31.5	0.054	5.3	69
67075 (3422679)	<1	2.85	<5	26	3.3	<5	0.7	6.01	<0.2	1.3	95.5	0.205	0.4	42
67076 (3422680)	<1	2.47	<5	27	38.6	<5	0.4	11.5	<0.2	2.6	82.2	0.181	1.8	30
67077 (3422681)	<1	3.86	<5	29	183	<5	0.4	6.77	<0.2	1.2	96.7	0.269	7.4	22
67078 (3422682)	<1	3.79	<5	32	164	<5	0.5	8.07	<0.2	1.9	97.0	0.253	7.3	18
67079 (3422683)	<1	3.32	<5	34	109	<5	0.5	6.83	<0.2	1.8	100	0.231	4.4	14
67080 (3422684)	<1	3.93	<5	33	3.6	<5	0.5	4.95	<0.2	1.8	109	0.253	0.4	73
67081 (3422685)	<1	3.38	<5	31	199	<5	0.7	3.77	0.2	1.1	99.3	0.221	11.7	68
67082 (3422686)	<1	2.94	<5	27	6.0	<5	1.0	3.96	<0.2	1.4	98.1	0.198	0.9	26

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853248

PROJECT: 2021 Surimeau DDH Batch 87

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
67083 (3422687)	<1	3.29	<5	30	4.4	<5	1.0	4.51	<0.2	1.8	111	0.230	0.6	69
67084 (3422688)	<1	3.16	<5	32	4.5	<5	0.8	4.22	<0.2	1.5	99.7	0.224	0.7	77
67085 (3422689)	<1	3.45	<5	29	19.1	<5	0.6	4.29	<0.2	2.0	99.2	0.229	1.5	108
67086 (3422690)	<1	2.95	<5	26	375	<5	0.7	3.98	<0.2	1.6	87.1	0.206	20.4	27
67087 (3422691)	<1	3.24	<5	32	369	<5	0.7	4.26	<0.2	1.7	87.1	0.211	20.4	28
67088 (3422692)	<1	3.80	<5	30	388	<5	0.8	3.91	<0.2	1.6	95.0	0.235	19.6	43
67089 (3422693)	<1	1.61	<5	20	199	<5	0.4	7.70	0.3	1.4	73.8	0.155	5.5	<5
67090 (3422694)	<1	2.74	<5	23	308	<5	0.9	3.28	<0.2	1.5	94.6	0.189	13.7	45
67091 (3422695)	<1	2.82	<5	25	397	<5	1.1	2.76	<0.2	7.4	89.5	0.176	16.5	37
67092 (3422696)	3	2.90	<5	30	405	<5	1.0	2.58	<0.2	11.0	90.5	0.176	17.0	37
67093 (3422697)	3	3.31	<5	27	566	<5	0.9	2.55	<0.2	18.3	79.0	0.140	21.5	15
67094 (3422698)	<1	2.27	<5	33	6.8	<5	1.2	2.90	<0.2	1.9	100	0.186	0.6	46
67095C-DUP (3422699)	<1	2.19	<5	34	8.9	<5	1.3	2.58	<0.2	2.0	104	0.183	0.7	46
67096 (3422700)	<1	2.33	<5	31	1.0	<5	1.0	3.43	<0.2	1.6	101	0.187	0.3	32
67097 (3422701)	<1	2.48	<5	35	0.9	<5	0.9	2.98	<0.2	1.4	96.8	0.191	0.3	25
67098 (3422702)	<1	2.65	<5	24	1.2	<5	0.8	4.17	0.2	1.9	99.0	0.196	0.3	21
67099 (3422703)	2	2.71	<5	30	0.8	<5	0.6	4.23	<0.2	1.4	101	0.209	0.3	44
67100 (3422704)	2	2.96	<5	32	4.3	<5	0.5	4.01	0.2	1.1	99.8	0.208	0.5	50

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853248

PROJECT: 2021 Surimeau DDH Batch 87

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
67051 (3422655)	1.06	0.52	0.23	7.46	7.55	0.82	<1	<1	0.25	<0.2	<0.05	0.6	<10	0.09
67052 (3422656)	0.28	0.22	<0.05	0.14	0.38	0.23	<1	<1	0.06	<0.2	<0.05	1.1	<10	<0.05
67053 (3422657)	1.24	0.84	0.27	6.82	9.92	1.06	2	<1	0.30	<0.2	0.36	0.6	12	0.10
67054 (3422658)	0.97	0.83	0.17	6.65	7.53	0.71	2	<1	0.23	<0.2	1.06	0.6	20	0.13
67055 (3422659)	1.00	0.47	0.32	34.6	3.07	1.04	<1	<1	0.18	<0.2	0.09	6.2	<10	0.08
67056 (3422660)	2.21	1.40	0.80	8.46	14.0	2.32	1	1	0.46	0.3	2.63	8.9	62	0.20
67057 (3422661)	3.66	1.79	2.12	8.16	15.6	4.30	<1	3	0.71	0.8	0.49	28.1	<10	0.35
67058 (3422662)	4.35	2.37	2.32	7.52	18.9	6.71	2	3	0.75	<0.2	1.13	42.0	31	0.32
67059 (3422663)	4.36	2.16	2.21	7.92	19.3	5.93	2	3	0.77	<0.2	1.18	35.1	39	0.26
67060 (3422664)	3.84	2.60	1.66	7.75	18.0	5.04	1	3	0.87	0.3	0.81	27.0	23	0.34
67061 (3422665)	3.97	2.48	1.65	7.80	19.3	4.85	<1	3	0.78	0.3	0.85	27.1	24	0.35
67062C-DUP (3422666)	3.96	2.70	1.91	7.50	18.4	5.18	<1	3	0.77	0.6	0.45	30.0	<10	0.34
67063 (3422667)	3.76	2.28	2.04	7.46	19.6	4.60	<1	4	0.77	0.9	0.44	34.0	<10	0.38
67064 (3422668)	2.94	1.60	1.36	5.43	25.9	3.94	<1	3	0.56	<0.2	1.74	31.7	35	0.18
67065 (3422669)	2.84	1.71	1.36	5.34	24.4	3.91	<1	3	0.55	<0.2	1.51	34.0	31	0.23
67066 (3422670)	2.97	1.67	1.33	5.12	23.5	4.15	<1	4	0.57	<0.2	1.82	32.3	39	0.19
67067 (3422671)	3.38	1.75	1.59	4.76	23.4	4.58	<1	4	0.62	<0.2	1.59	34.5	35	0.24
67068 (3422672)	2.09	0.97	0.72	6.45	15.6	2.54	<1	1	0.40	<0.2	2.29	13.4	61	0.14
67069 (3422673)	3.11	1.72	1.60	5.22	22.2	3.87	<1	3	0.61	<0.2	1.88	33.4	40	0.24
67070 (3422674)	3.73	1.92	1.49	5.94	24.4	4.71	<1	4	0.58	<0.2	2.48	37.3	42	0.26
67071 (3422675)	0.54	0.52	0.07	0.13	1.16	0.46	<1	<1	0.13	<0.2	0.10	1.3	<10	0.06
67072 (3422676)	2.94	1.73	1.40	4.36	20.1	4.29	<1	3	0.64	<0.2	1.98	29.9	38	0.21
67073 (3422677)	3.16	1.89	1.34	5.54	27.3	4.38	<1	3	0.65	<0.2	3.01	36.6	49	0.25
67074 (3422678)	2.89	2.01	1.42	5.42	24.3	4.46	1	3	0.62	<0.2	2.84	34.5	57	0.32
67075 (3422679)	1.18	0.51	0.11	6.74	6.20	0.70	<1	<1	0.24	<0.2	<0.05	0.4	<10	0.13
67076 (3422680)	1.25	0.77	0.42	6.61	5.95	1.01	<1	<1	0.27	<0.2	0.19	0.9	12	0.11
67077 (3422681)	1.43	0.70	0.41	8.03	8.56	0.86	<1	<1	0.28	<0.2	0.97	0.4	43	0.13
67078 (3422682)	1.59	0.95	0.47	8.06	7.96	0.98	<1	<1	0.31	<0.2	0.91	0.7	40	0.12
67079 (3422683)	1.42	0.93	0.33	7.73	7.50	1.18	<1	<1	0.27	<0.2	0.58	0.6	25	0.12
67080 (3422684)	1.35	0.95	0.22	8.26	8.32	1.15	<1	<1	0.30	<0.2	<0.05	0.7	<10	0.17
67081 (3422685)	1.03	0.59	0.26	7.34	9.76	0.75	1	<1	0.21	<0.2	1.32	0.4	34	0.13
67082 (3422686)	1.10	0.66	0.17	6.98	8.55	0.77	2	<1	0.24	<0.2	<0.05	0.6	<10	0.11

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853248

PROJECT: 2021 Surimeau DDH Batch 87

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
67083 (3422687)	1.14	0.88	0.23	7.39	7.71	0.98	1	<1	0.24	<0.2	<0.05	0.7	<10	0.09
67084 (3422688)	1.21	0.84	0.19	7.47	7.76	1.10	2	<1	0.24	<0.2	<0.05	0.6	<10	0.12
67085 (3422689)	1.32	0.84	0.21	7.81	7.71	1.08	1	<1	0.25	<0.2	0.11	0.8	<10	0.11
67086 (3422690)	1.36	0.77	0.22	6.69	11.1	0.85	<1	<1	0.22	<0.2	2.85	0.5	79	0.08
67087 (3422691)	1.21	0.76	0.27	7.03	11.9	0.94	1	<1	0.28	<0.2	2.93	0.5	90	0.08
67088 (3422692)	1.09	0.61	0.16	7.96	11.4	0.85	1	<1	0.27	<0.2	3.09	0.5	103	0.12
67089 (3422693)	0.93	0.66	0.51	5.64	8.17	0.71	2	<1	0.20	<0.2	0.90	0.4	37	0.09
67090 (3422694)	1.12	0.60	0.29	6.34	11.1	0.72	1	<1	0.18	<0.2	2.04	0.4	47	0.09
67091 (3422695)	0.91	0.55	0.27	5.99	11.3	0.97	1	<1	0.16	<0.2	2.56	3.1	64	0.06
67092 (3422696)	0.94	0.48	0.27	6.13	11.4	0.88	2	<1	0.17	<0.2	2.61	5.2	67	0.07
67093 (3422697)	1.28	0.60	0.47	5.96	15.4	1.70	<1	1	0.25	<0.2	3.23	8.4	98	0.09
67094 (3422698)	0.76	0.50	0.12	6.25	6.26	0.67	<1	<1	0.17	<0.2	<0.05	0.8	<10	<0.05
67095C-DUP (3422699)	0.85	0.37	0.17	6.15	7.06	0.67	1	<1	0.19	<0.2	<0.05	0.8	<10	0.10
67096 (3422700)	0.88	0.62	0.16	6.36	8.03	0.85	1	<1	0.20	<0.2	<0.05	0.5	<10	0.07
67097 (3422701)	1.08	0.51	0.13	6.72	7.55	0.76	2	<1	0.23	<0.2	<0.05	0.5	<10	0.10
67098 (3422702)	1.13	0.72	0.20	6.73	6.14	0.98	<1	<1	0.25	<0.2	<0.05	0.8	<10	0.12
67099 (3422703)	1.12	0.82	0.15	6.86	7.31	0.91	1	<1	0.25	<0.2	<0.05	0.5	<10	0.10
67100 (3422704)	1.11	0.77	0.11	7.09	8.80	0.68	<1	<1	0.25	<0.2	<0.05	0.4	<10	0.10

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853248

PROJECT: 2021 Surimeau DDH Batch 87

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
67051 (3422655)	13.6	1270	<2	<1	1.5	1340	<0.01	<5	0.28	<0.2	1.34	<0.1	22	21.3
67052 (3422656)	1.83	99	<2	<1	1.0	25	<0.01	<5	0.23	<0.2	0.42	<0.1	<5	4.94
67053 (3422657)	13.8	1270	4	<1	1.6	959	<0.01	<5	0.32	16.6	1.13	<0.1	24	20.6
67054 (3422658)	13.0	1200	<2	<1	1.5	1360	<0.01	<5	0.30	48.6	0.81	<0.1	19	20.7
67055 (3422659)	1.78	570	<2	1	5.0	22300	<0.01	42	1.28	3.0	20.5	<0.1	7	7.46
67056 (3422660)	12.2	1180	4	3	9.6	1240	0.02	8	2.52	103	1.08	<0.1	23	23.1
67057 (3422661)	2.75	691	34	6	26.6	242	0.09	55	6.93	13.7	3.87	<0.1	26	24.7
67058 (3422662)	5.37	1350	<2	6	45.0	107	0.24	45	11.2	58.6	2.15	<0.1	31	24.4
67059 (3422663)	4.85	1340	17	5	38.7	45	0.21	29	9.43	49.7	2.73	<0.1	34	23.7
67060 (3422664)	5.16	1380	<2	5	28.7	241	0.12	22	7.23	34.3	2.02	<0.1	32	24.4
67061 (3422665)	5.18	1370	<2	5	27.8	273	0.10	22	7.23	34.5	2.03	<0.1	32	24.6
67062C-DUP (3422666)	3.06	994	2	5	31.6	134	0.10	21	7.99	15.0	3.35	<0.1	27	25.0
67063 (3422667)	1.19	452	<2	8	32.3	187	0.06	23	8.54	11.5	3.78	<0.1	18	27.7
67064 (3422668)	1.91	429	<2	6	29.9	93	0.05	18	7.63	83.9	1.39	<0.1	23	27.8
67065 (3422669)	1.50	360	<2	6	30.7	83	0.05	23	7.99	70.3	1.50	<0.1	23	28.2
67066 (3422670)	2.11	550	8	6	29.7	116	0.06	18	8.05	83.6	1.35	<0.1	20	28.0
67067 (3422671)	2.18	549	14	7	34.8	56	0.10	27	8.76	70.0	1.64	<0.1	17	28.6
67068 (3422672)	9.24	1480	<2	2	14.6	485	0.09	9	3.36	97.4	1.03	<0.1	24	24.3
67069 (3422673)	2.45	618	3	7	30.8	88	0.06	28	8.02	80.9	1.66	<0.1	21	28.3
67070 (3422674)	2.24	545	10	7	34.6	107	0.07	23	9.06	107	2.40	<0.1	24	26.7
67071 (3422675)	1.22	93	<2	1	1.1	<5	<0.01	<5	0.28	2.3	0.43	<0.1	<5	7.00
67072 (3422676)	2.06	643	<2	7	27.9	94	0.06	21	7.07	91.1	1.50	<0.1	19	28.7
67073 (3422677)	2.36	628	3	8	32.2	94	0.04	22	8.43	121	1.24	<0.1	24	27.7
67074 (3422678)	2.79	656	8	7	32.8	86	0.08	20	8.65	113	0.59	<0.1	23	27.5
67075 (3422679)	14.6	1060	<2	<1	1.2	1430	<0.01	<5	0.21	0.5	0.31	<0.1	20	23.2
67076 (3422680)	11.9	1500	<2	<1	2.0	989	0.01	<5	0.33	10.2	0.34	<0.1	20	17.4
67077 (3422681)	12.5	1200	<2	<1	1.1	1090	<0.01	<5	0.24	47.6	0.20	<0.1	29	19.5
67078 (3422682)	12.2	1490	<2	<1	2.0	1030	0.01	<5	0.33	44.0	0.21	<0.1	26	17.1
67079 (3422683)	12.4	1330	<2	<1	1.6	1080	<0.01	<5	0.32	30.5	0.30	<0.1	24	18.6
67080 (3422684)	14.6	1140	<2	<1	1.6	1260	0.01	<5	0.27	0.9	0.94	<0.1	26	19.3
67081 (3422685)	13.9	1130	<2	<1	1.3	1310	<0.01	<5	0.25	68.3	0.59	<0.1	22	21.9
67082 (3422686)	15.3	1260	<2	<1	1.3	1290	<0.01	<5	0.26	3.0	0.30	<0.1	20	21.6

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853248

PROJECT: 2021 Surimeau DDH Batch 87

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
67083 (3422687)	14.7	1210	<2	<1	1.6	1530	<0.01	<5	0.30	1.3	0.57	<0.1	22	19.4
67084 (3422688)	14.9	1220	<2	<1	1.4	1290	<0.01	<5	0.28	1.8	0.62	<0.1	22	21.9
67085 (3422689)	14.9	1260	<2	<1	1.9	1180	<0.01	<5	0.35	7.2	0.76	<0.1	23	22.0
67086 (3422690)	13.0	1100	<2	<1	1.6	1080	<0.01	<5	0.25	150	0.36	<0.1	21	23.3
67087 (3422691)	12.8	1060	<2	<1	1.8	1050	<0.01	<5	0.26	155	0.71	<0.1	22	22.8
67088 (3422692)	13.2	1080	<2	<1	1.6	1010	<0.01	<5	0.26	156	1.18	<0.1	26	21.4
67089 (3422693)	12.2	1310	<2	<1	1.3	1040	<0.01	<5	0.24	45.5	0.26	<0.1	16	25.5
67090 (3422694)	14.3	1010	<2	<1	1.2	1450	<0.01	<5	0.31	112	1.23	<0.1	18	22.6
67091 (3422695)	14.7	1060	<2	<1	4.1	1450	<0.01	<5	0.94	138	0.76	<0.1	15	23.6
67092 (3422696)	15.1	1060	<2	<1	5.4	1450	<0.01	<5	1.34	141	0.72	<0.1	15	24.0
67093 (3422697)	14.3	851	<2	2	10.1	1310	<0.01	<5	2.33	167	0.31	<0.1	14	23.5
67094 (3422698)	16.7	953	<2	<1	1.3	1690	<0.01	<5	0.24	2.6	0.64	<0.1	16	20.9
67095C-DUP (3422699)	16.6	912	<2	<1	1.7	1700	<0.01	<5	0.30	3.2	0.59	<0.1	16	20.6
67096 (3422700)	16.3	1060	<2	<1	1.1	1610	<0.01	<5	0.24	<0.2	0.55	<0.1	17	19.8
67097 (3422701)	16.6	1070	<2	<1	1.3	1530	<0.01	<5	0.21	0.3	0.42	<0.1	18	21.6
67098 (3422702)	16.3	1140	<2	<1	1.8	1480	<0.01	<5	0.27	0.6	0.37	<0.1	19	19.0
67099 (3422703)	15.3	1120	<2	<1	1.4	1470	<0.01	<5	0.23	0.6	0.53	<0.1	20	21.4
67100 (3422704)	14.9	1080	<2	<1	1.2	1410	<0.01	<5	0.20	2.3	0.61	<0.1	21	21.7

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853248

PROJECT: 2021 Surimeau DDH Batch 87

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
67051 (3422655)	0.6	<1	26.1	<0.5	0.14	<0.1	0.19	<0.5	0.10	0.09	124	<1	5.4	0.8
67052 (3422656)	0.2	<1	66.6	<0.5	<0.05	0.1	<0.01	<0.5	<0.05	0.14	<5	<1	2.3	0.1
67053 (3422657)	0.7	<1	24.1	<0.5	0.19	0.1	0.18	<0.5	0.11	0.13	125	<1	7.0	0.8
67054 (3422658)	0.6	<1	14.1	<0.5	0.13	<0.1	0.15	0.9	0.11	0.05	94	<1	6.1	0.6
67055 (3422659)	1.3	1	30.8	<0.5	0.17	1.1	0.11	<0.5	0.07	0.29	56	2	4.6	0.5
67056 (3422660)	2.0	1	141	<0.5	0.40	3.3	0.20	1.7	0.19	0.81	122	<1	12.5	1.3
67057 (3422661)	5.5	5	471	0.6	0.60	8.1	0.32	<0.5	0.29	2.48	118	<1	18.6	2.0
67058 (3422662)	8.2	5	836	<0.5	0.85	7.1	0.48	1.1	0.30	2.14	210	<1	20.4	1.8
67059 (3422663)	7.4	6	738	<0.5	0.80	7.3	0.48	0.8	0.32	2.28	235	<1	20.1	2.1
67060 (3422664)	6.0	5	460	<0.5	0.70	7.2	0.43	0.7	0.39	2.25	228	<1	20.9	2.4
67061 (3422665)	5.6	4	447	<0.5	0.68	7.2	0.43	0.8	0.33	2.32	226	<1	21.1	2.5
67062C-DUP (3422666)	6.3	4	522	0.6	0.69	9.0	0.38	<0.5	0.33	2.83	154	<1	21.3	2.4
67063 (3422667)	6.1	3	385	1.0	0.69	12.8	0.28	<0.5	0.27	4.11	78	<1	19.1	2.1
67064 (3422668)	5.5	1	222	0.7	0.59	10.9	0.39	2.0	0.23	3.18	144	<1	14.5	1.5
67065 (3422669)	5.0	1	270	0.8	0.51	9.9	0.37	1.5	0.26	3.00	130	<1	14.3	1.7
67066 (3422670)	5.3	1	170	0.7	0.54	10.3	0.37	2.1	0.25	3.33	137	<1	14.5	1.6
67067 (3422671)	5.7	2	471	0.7	0.59	8.8	0.42	1.6	0.22	2.69	123	<1	15.8	1.5
67068 (3422672)	2.7	2	143	<0.5	0.34	4.4	0.29	2.8	0.16	1.27	157	<1	10.1	0.9
67069 (3422673)	5.1	1	363	0.8	0.49	10.6	0.39	2.1	0.23	3.38	153	<1	14.7	1.5
67070 (3422674)	5.7	<1	292	1.0	0.65	11.0	0.42	2.0	0.27	3.46	165	<1	17.9	1.7
67071 (3422675)	0.2	<1	72.6	<0.5	0.07	0.5	<0.01	<0.5	0.07	0.82	<5	<1	4.6	0.5
67072 (3422676)	4.7	<1	319	0.8	0.52	8.8	0.37	1.3	0.24	2.88	120	<1	17.3	1.6
67073 (3422677)	5.9	2	266	1.0	0.62	10.9	0.41	1.5	0.24	3.10	156	<1	15.9	1.7
67074 (3422678)	6.1	2	257	0.7	0.60	9.5	0.40	1.0	0.24	2.81	146	<1	16.0	1.7
67075 (3422679)	0.5	<1	65.5	<0.5	0.14	<0.1	0.15	<0.5	0.10	<0.05	101	<1	5.4	0.6
67076 (3422680)	0.5	<1	351	<0.5	0.18	<0.1	0.15	<0.5	0.12	<0.05	96	<1	7.3	0.7
67077 (3422681)	0.7	<1	136	<0.5	0.17	<0.1	0.22	<0.5	0.12	0.06	156	<1	7.0	0.7
67078 (3422682)	0.7	<1	238	<0.5	0.24	<0.1	0.22	<0.5	0.15	<0.05	147	<1	8.4	0.9
67079 (3422683)	0.7	<1	167	<0.5	0.20	<0.1	0.20	<0.5	0.12	<0.05	129	<1	7.6	0.8
67080 (3422684)	0.6	<1	117	<0.5	0.18	<0.1	0.22	<0.5	0.14	0.05	153	<1	7.5	0.8
67081 (3422685)	0.4	<1	33.8	<0.5	0.12	<0.1	0.19	0.7	0.09	0.07	122	<1	5.8	0.6
67082 (3422686)	0.5	<1	85.7	<0.5	0.19	<0.1	0.16	<0.5	0.10	0.05	105	<1	6.2	0.6

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853248

PROJECT: 2021 Surimeau DDH Batch 87

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
67083 (3422687)	0.6	<1	142	<0.5	0.15	<0.1	0.19	<0.5	0.12	0.05	120	<1	6.1	0.8
67084 (3422688)	0.5	<1	85.9	<0.5	0.14	<0.1	0.18	<0.5	0.09	0.07	114	<1	6.6	0.7
67085 (3422689)	0.6	<1	70.4	<0.5	0.21	<0.1	0.19	<0.5	0.14	0.07	125	<1	7.3	0.8
67086 (3422690)	0.6	<1	27.6	<0.5	0.20	<0.1	0.17	1.6	0.10	0.08	102	<1	5.9	0.7
67087 (3422691)	0.7	<1	35.3	<0.5	0.17	<0.1	0.19	1.6	0.11	0.08	111	<1	6.3	0.7
67088 (3422692)	0.5	<1	47.0	<0.5	0.20	<0.1	0.23	1.5	0.12	0.10	147	<1	6.1	0.7
67089 (3422693)	0.3	<1	67.6	<0.5	0.17	<0.1	0.10	<0.5	0.10	0.11	88	<1	5.0	0.6
67090 (3422694)	0.6	<1	29.2	<0.5	0.14	<0.1	0.13	1.2	0.11	0.13	89	<1	5.2	0.5
67091 (3422695)	0.8	<1	26.6	<0.5	0.14	0.6	0.13	1.3	0.07	0.20	72	<1	4.5	0.5
67092 (3422696)	1.1	<1	25.6	<0.5	0.13	0.9	0.14	1.5	0.07	0.35	80	<1	4.2	0.4
67093 (3422697)	1.7	<1	26.5	<0.5	0.26	1.8	0.17	1.6	0.08	0.68	82	<1	5.8	0.5
67094 (3422698)	0.4	<1	157	<0.5	0.11	<0.1	0.13	<0.5	0.08	0.06	83	<1	4.3	0.5
67095C-DUP (3422699)	0.5	<1	137	<0.5	0.11	<0.1	0.12	<0.5	0.07	0.08	78	<1	4.8	0.4
67096 (3422700)	0.3	<1	166	<0.5	0.14	<0.1	0.13	<0.5	0.11	<0.05	83	<1	5.2	0.6
67097 (3422701)	0.4	<1	115	<0.5	0.14	<0.1	0.14	<0.5	0.08	<0.05	88	<1	5.2	0.7
67098 (3422702)	0.7	<1	211	<0.5	0.17	<0.1	0.15	<0.5	0.09	<0.05	97	<1	6.1	0.7
67099 (3422703)	0.6	<1	75.6	<0.5	0.18	<0.1	0.16	<0.5	0.11	<0.05	99	<1	6.4	0.7
67100 (3422704)	0.4	<1	34.4	<0.5	0.18	<0.1	0.16	<0.5	0.11	0.06	109	<1	5.5	0.8

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853248

PROJECT: 2021 Surimeau DDH Batch 87

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
67051 (3422655)	66	14.4
67052 (3422656)	6	1.2
67053 (3422657)	119	15.3
67054 (3422658)	229	13.3
67055 (3422659)	80	31.5
67056 (3422660)	1520	47.2
67057 (3422661)	3130	109
67058 (3422662)	237	115
67059 (3422663)	261	106
67060 (3422664)	949	102
67061 (3422665)	946	101
67062C-DUP (3422666)	2390	117
67063 (3422667)	3590	146
67064 (3422668)	197	122
67065 (3422669)	211	117
67066 (3422670)	254	125
67067 (3422671)	159	137
67068 (3422672)	277	51.9
67069 (3422673)	173	126
67070 (3422674)	115	125
67071 (3422675)	8	6.1
67072 (3422676)	123	125
67073 (3422677)	104	126
67074 (3422678)	173	123
67075 (3422679)	39	10.3
67076 (3422680)	37	13.2
67077 (3422681)	54	17.2
67078 (3422682)	53	18.5
67079 (3422683)	53	13.5
67080 (3422684)	56	25.1
67081 (3422685)	130	13.9
67082 (3422686)	84	11.1

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853248

PROJECT: 2021 Surimeau DDH Batch 87

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
67083 (3422687)	51	17.2
67084 (3422688)	51	12.3
67085 (3422689)	47	14.5
67086 (3422690)	50	14.5
67087 (3422691)	53	13.5
67088 (3422692)	78	20.0
67089 (3422693)	146	10.2
67090 (3422694)	53	12.4
67091 (3422695)	64	18.1
67092 (3422696)	69	26.5
67093 (3422697)	169	50.7
67094 (3422698)	44	9.6
67095C-DUP (3422699)	41	10.3
67096 (3422700)	56	9.9
67097 (3422701)	60	13.4
67098 (3422702)	46	12.9
67099 (3422703)	45	13.7
67100 (3422704)	46	14.5

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853248

PROJECT: 2021 Surimeau DDH Batch 87

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Crush-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
67051 (3422655)	77.30
67070 (3422674)	80.86
67090 (3422694)	80.16

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853248

PROJECT: 2021 Surimeau DDH Batch 87

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jan 12, 2022 | DATE RECEIVED: Jan 13, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Pul-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
67051 (3422655)	88.89
67070 (3422674)	90.38
67090 (3422694)	86.90

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 22O853248

PROJECT: 2021 Surimeau DDH Batch 87

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1								REPLICATE #2				REPLICATE #3			
Parameter	Sample ID	Original	Replicate	RPD					Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	3422655	1	2						3422680	< 1	<1	0.0%	3422695	< 1	<1	0.0%
Al	3422655	3.26	3.24	0.6%	3422669	8.86	8.97	1.2%	3422680	2.47	2.55	3.2%	3422695	2.82	2.76	2.2%
As	3422655	< 5	<5	0.0%					3422680	< 5	<5	0.0%	3422695	< 5	<5	0.0%
B	3422655	45	41	9.3%	3422669	23	20	14.0%	3422680	27	32	16.9%	3422695	25	20	22.2%
Ba	3422655	1.4	2.2	43.2%	3422669	1150	1170	1.7%	3422680	38.6	37.6	2.6%	3422695	397	392	1.3%
Be	3422655	< 5	<5	0.0%	3422669	< 5	<5	0.0%	3422680	< 5	<5	0.0%	3422695	< 5	<5	0.0%
Bi	3422655	0.5	0.6	22.5%					3422680	0.4	0.4	0.0%	3422695	1.1	1.1	0.0%
Ca	3422655	5.25	5.15	1.9%	3422669	1.62	1.62	0.0%	3422680	11.5	11.2	2.6%	3422695	2.76	2.79	1.1%
Cd	3422655	< 0.2	<0.2	0.0%					3422680	< 0.2	<0.2	0.0%	3422695	< 0.2	<0.2	0.0%
Ce	3422655	2.0	1.9	2.6%					3422680	2.6	2.4	8.0%	3422695	7.4	6.7	9.9%
Co	3422655	95.0	103	7.8%					3422680	82.2	83.3	1.3%	3422695	89.5	91.1	1.8%
Cr	3422655	0.235	0.226	3.6%	3422669	0.032	0.032	0.0%	3422680	0.181	0.183	1.1%	3422695	0.176	0.174	1.1%
Cs	3422655	0.2	0.6						3422680	1.8	1.9	5.4%	3422695	16.5	16.7	1.2%
Cu	3422655	56	52	6.2%	3422669	197	199	1.0%	3422680	30	35	15.4%	3422695	37	39	5.3%
Dy	3422655	1.06	1.20	12.3%					3422680	1.25	1.13	10.1%	3422695	0.91	1.10	18.9%
Er	3422655	0.52	0.62	17.9%					3422680	0.77	0.85	9.9%	3422695	0.55	0.59	7.0%
Eu	3422655	0.23	0.27	17.4%					3422680	0.42	0.50	17.4%	3422695	0.27	0.29	7.1%
Fe	3422655	7.46	7.20	3.5%	3422669	5.34	5.34	0.0%	3422680	6.61	6.51	1.5%	3422695	5.99	6.04	0.8%
Ga	3422655	7.55	8.82	15.6%					3422680	5.95	6.19	4.0%	3422695	11.3	10.8	4.5%
Gd	3422655	0.82	0.95	14.7%					3422680	1.01	0.86	16.0%	3422695	0.97	0.85	13.2%
Ge	3422655	< 1	2	78.7%					3422680	< 1	<1	0.0%	3422695	1	2	66.7%
Hf	3422655	< 1	<1	0.0%					3422680	< 1	<1	0.0%	3422695	< 1	<1	0.0%
Ho	3422655	0.25	0.23	6.8%					3422680	0.27	0.27	0.0%	3422695	0.16	0.20	22.2%
In	3422655	< 0.2	<0.2	0.0%					3422680	< 0.2	<0.2	0.0%	3422695	< 0.2	<0.2	0.0%
K	3422655	< 0.05	<0.05	0.0%	3422669	1.51	1.50	0.2%	3422680	0.19	0.20	5.1%	3422695	2.56	2.56	0.0%
La	3422655	0.6	0.6	0.6%					3422680	0.9	1.1	20.0%	3422695	3.1	3.1	0.0%
Li	3422655	< 10	<10	0.0%	3422669	31	31	0.7%	3422680	12	13	8.0%	3422695	64	64	0.0%
Lu	3422655	0.09	0.11	19.6%					3422680	0.11	0.13	16.7%	3422695	0.06	0.08	28.6%
Mg	3422655	13.6	13.4	1.4%	3422669	1.50	1.53	2.2%	3422680	11.9	11.8	0.8%	3422695	14.7	14.8	0.7%
Mn	3422655	1270	1240	2.7%	3422669	360	367	1.8%	3422680	1500	1470	2.0%	3422695	1060	1060	0.0%
Mo	3422655	< 2	<2	0.0%					3422680	< 2	<2	0.0%	3422695	< 2	<2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Nb	3422655	< 1	<1	0.0%					3422680	< 1	<1	0.0%	3422695	< 1	<1	0.0%
Nd	3422655	1.5	1.9	19.7%					3422680	2.0	1.8	10.5%	3422695	4.1	4.1	0.0%
Ni	3422655	1340	1270	5.1%	3422669	83	90	7.2%	3422680	989	1040	5.0%	3422695	1450	1450	0.0%
P	3422655	< 0.01	<0.01	0.0%	3422669	0.05	0.05	1.5%	3422680	0.01	<0.01		3422695	< 0.01	<0.01	0.0%
Pb	3422655	< 5	<5	0.0%					3422680	< 5	6		3422695	< 5	<5	0.0%
Pr	3422655	0.28	0.31	8.3%					3422680	0.33	0.36	8.7%	3422695	0.94	0.88	6.6%
Rb	3422655	< 0.2	<0.2	0.0%					3422680	10.2	9.7	5.0%	3422695	138	137	0.7%
S	3422655	1.34	1.31	2.0%	3422669	1.50	1.52	1.2%	3422680	0.34	0.36	5.7%	3422695	0.76	0.77	1.3%
Sb	3422655	< 0.1	<0.1	0.0%					3422680	< 0.1	<0.1	0.0%	3422695	< 0.1	<0.1	0.0%
Sc	3422655	22	22	1.5%	3422669	23	23	1.5%	3422680	20	20	0.0%	3422695	15	15	0.0%
Si	3422655	21.3	20.6	2.9%	3422669	28.2	28.1	0.4%	3422680	17.4	17.0	2.3%	3422695	23.6	23.7	0.4%
Sm	3422655	0.6	0.6	1.2%					3422680	0.5	0.6	18.2%	3422695	0.8	1.0	22.2%
Sn	3422655	< 1	<1	0.0%					3422680	< 1	<1	0.0%	3422695	< 1	<1	0.0%
Sr	3422655	26.1	25.4	2.9%	3422669	270	268	0.6%	3422680	351	347	1.2%	3422695	26.6	27.0	1.5%
Ta	3422655	< 0.5	<0.5	0.0%					3422680	< 0.5	<0.5	0.0%	3422695	< 0.5	<0.5	0.0%
Tb	3422655	0.14	0.15	6.2%					3422680	0.18	0.20	8.1%	3422695	0.14	0.16	13.3%
Th	3422655	< 0.1	<0.1	0.0%					3422680	< 0.1	<0.1	0.0%	3422695	0.6	0.6	0.0%
Ti	3422655	0.19	0.17	7.7%	3422669	0.37	0.38	0.6%	3422680	0.15	0.15	0.4%	3422695	0.13	0.13	0.0%
Tl	3422655	< 0.5	<0.5	0.0%					3422680	< 0.5	<0.5	0.0%	3422695	1.3	1.3	0.0%
Tm	3422655	0.10	0.14	31.9%					3422680	0.12	0.11	7.7%	3422695	0.07	0.07	0.0%
U	3422655	0.09	0.11	23.8%					3422680	< 0.05	<0.05	0.0%	3422695	0.20	0.18	10.5%
V	3422655	124	112	9.5%	3422669	130	133	2.2%	3422680	96	100	3.7%	3422695	72	73	1.4%
W	3422655	< 1	<1	0.0%					3422680	< 1	<1	0.0%	3422695	< 1	<1	0.0%
Y	3422655	5.4	6.0	11.5%					3422680	7.3	7.4	0.3%	3422695	4.5	4.5	0.0%
Yb	3422655	0.8	0.7	10.5%					3422680	0.7	0.7	2.0%	3422695	0.5	0.4	22.2%
Zn	3422655	66	68	2.6%	3422669	211	209	1.3%	3422680	37	41	10.7%	3422695	64	69	7.5%
Zr	3422655	14.4	15.8	9.4%					3422680	13.2	15.3	14.5%	3422695	18.1	19.6	8.0%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 22O853248

PROJECT: 2021 Surimeau DDH Batch 87

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.OREAS47)				CRM #2 (ref.OREAS-72b)				CRM #3 (ref.OREAS-74b)							
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Al	6.32	5.84	92%	80% - 120%												
Ba	473.0	469	99%	80% - 120%												
Ca	2.33	2.23	96%	80% - 120%												
Ce									30.9	36	115%	80% - 120%				
Co									499.0	544	109%	80% - 120%				
Cr	112.86	91.4	81%	80% - 120%												
Cs					3.16	3	81%	80% - 120%	2.73	2	90%	80% - 120%				
Dy									1.96	2.1	107%	80% - 120%				
Er									1.18	1.1	90%	80% - 120%				
Eu									0.53	0.5	101%	80% - 120%				
Fe	2.78	2.80	101%	80% - 120%												
Ga									8.52	10	114%	80% - 120%				
Gd									1.9	2.0	106%	80% - 120%				
Ho									0.4	0.4	111%	80% - 120%				
K	1.18	1.08	92%	80% - 120%												
La									17.4	19.4	111%	80% - 120%				
Mg	1.0	0.955	95%	80% - 120%												
Mn	496.0	501	101%	80% - 120%												
Nb									3.56	4	117%	80% - 120%				
Nd									11.9	12.4	104%	80% - 120%				
Pb									24.1	26	107%	80% - 120%				
Pr									3.39	3.7	108%	80% - 120%				
Rb									31.3	30	97%	80% - 120%				
Sc	9.27	9.41	102%	80% - 120%												
Si	33.99	32.9	97%	80% - 120%												
Sm									2.23	2.6	116%	80% - 120%				
Sr	402.0	377	94%	80% - 120%												
Tb									0.31	0.3	99%	80% - 120%				
Ti	0.23	0.220	96%	80% - 120%												
Tm									0.19	0.2	105%	80% - 120%				
V	61.0	56.9	93%	80% - 120%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Y									11.3	11.0	97%	80% - 120%				
Yb									1.23	1.3	105%	80% - 120%				
Zn	217.0	211	97%	80% - 120%												
Zr									63.0	64.2	101%	80% - 120%				

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O853248

PROJECT: 2021 Surimeau DDH Batch 87

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O853248

PROJECT: 2021 Surimeau DDH Batch 87

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O853248

PROJECT: 2021 Surimeau DDH Batch 87

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Crush-Pass %			BALANCE
Pul-Pass %			BALANCE

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 88

AGAT WORK ORDER: 22O853628

SOLID ANALYSIS REVIEWED BY: Meredith White, Senior Technician

DATE REPORTED: Mar 10, 2022

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

Disclaimer:

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project Manager if you require additional sample storage time.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
- The test results reported herewith relate only to the samples as received by the laboratory.
- Measurement Uncertainty is not taken into consideration when stating conformity with a specified requirement.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853628

PROJECT: 2021 Surimeau DDH Batch 88

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
67101 (3425219)	3.320
67102 (3425220)	1.290
67103 (3425221)	3.260
67104 (3425222)	2.970
67105 (3425223)	3.520
67106 (3425224)	3.090
67107 (3425225)	2.300
67108 (3425226)	1.810
67109 (3425227)	2.590
67110 (3425228)	3.010
67111 (3425229)	3.350
67112 C-DUP (3425230)	<0.005
67113 (3425231)	3.260
67114 (3425232)	3.280
67115 (3425233)	1.480
67116 (3425234)	3.330
67117 (3425235)	2.640
67118 (3425236)	2.900
67119 (3425237)	3.290
67120 (3425238)	1.890
67121 (3425239)	1.940
67122 (3425240)	1.170
67123 (3425241)	2.480
67124 (3425242)	3.090
67125 (3425243)	2.390
67126 (3425244)	2.250
67127 (3425245)	2.140
67128 (3425246)	3.370
67129 (3425247)	3.210
67130 (3425248)	3.330
67131 (3425249)	1.280

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853628

PROJECT: 2021 Surimeau DDH Batch 88

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
67132 (3425250)	2.360
67133 (3425251)	3.350
67134 (3425252)	3.100
67135 (3425253)	3.010
67136 (3425254)	2.100
67137 (3425255)	3.530
67138 (3425256)	2.190
67139 (3425257)	3.130
67140 (3425258)	2.500
67141 (3425259)	2.970
67142 (3425260)	1.530
67143 (3425261)	2.040
67144 (3425262)	1.980
67145 C-DUP (3425263)	<0.005
67146 (3425264)	2.970
67147 (3425265)	3.150
67148 (3425266)	1.330
67149 (3425267)	2.260
67150 (3425268)	1.560

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853628

PROJECT: 2021 Surimeau DDH Batch 88

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
67101 (3425219)	<1	2.96	<5	<20	286	<5	0.3	5.72	<0.2	1.5	80.1	0.213	17.2	36
67102 (3425220)	<1	0.06	<5	<20	16.0	<5	<0.1	34.7	<0.2	1.0	<0.5	<0.005	<0.1	<5
67103 (3425221)	<1	4.54	<5	<20	200	<5	0.2	5.29	<0.2	2.4	85.3	0.229	15.4	45
67104 (3425222)	<1	4.42	<5	<20	247	<5	0.3	6.46	<0.2	2.8	83.1	0.242	20.0	36
67105 (3425223)	<1	4.18	<5	<20	169	<5	0.3	5.42	<0.2	3.1	82.1	0.247	21.6	43
67106 (3425224)	<1	3.29	<5	<20	155	<5	0.3	5.29	<0.2	1.3	84.5	0.239	22.7	59
67107 (3425225)	1	3.04	<5	<20	130	<5	0.3	5.94	<0.2	2.2	84.3	0.194	18.8	26
67108 (3425226)	<1	3.82	<5	<20	165	<5	0.1	6.04	<0.2	2.1	95.7	0.264	16.8	<5
67109 (3425227)	<1	6.09	<5	<20	214	<5	0.3	5.75	<0.2	3.2	128	0.402	12.4	<5
67110 (3425228)	<1	5.69	<5	<20	27.5	<5	0.5	6.24	<0.2	2.8	146	0.390	0.6	84
67111 (3425229)	<1	5.99	<5	<20	74.4	<5	0.3	5.62	<0.2	3.1	133	0.352	2.9	82
67112 C-DUP (3425230)	<1	6.02	<5	<20	59.1	<5	0.4	5.84	<0.2	3.0	136	0.345	2.2	85
67113 (3425231)	<1	4.92	<5	<20	203	<5	0.1	6.82	<0.2	2.2	94.3	0.201	8.6	<5
67114 (3425232)	<1	4.02	<5	<20	114	<5	0.2	8.83	<0.2	2.1	108	0.275	2.7	<5
67115 (3425233)	<1	4.18	<5	<20	134	<5	0.3	8.36	<0.2	2.2	109	0.280	3.2	<5
67116 (3425234)	<1	4.19	<5	<20	113	<5	0.3	7.94	<0.2	2.0	114	0.276	4.2	<5
67117 (3425235)	<1	2.41	<5	<20	143	<5	<0.1	7.56	<0.2	2.0	76.1	0.167	6.8	<5
67118 (3425236)	<1	4.66	<5	<20	139	<5	0.4	7.72	<0.2	2.8	117	0.330	2.9	20
67119 (3425237)	<1	6.11	<5	<20	202	<5	0.8	5.89	<0.2	3.3	175	0.435	2.3	77
67120 (3425238)	<1	5.35	<5	<20	209	<5	0.6	6.86	0.2	3.7	186	0.491	1.9	72
67121 (3425239)	<1	6.76	<5	<20	103	<5	0.8	6.69	<0.2	3.6	171	0.461	0.5	80
67122 (3425240)	<1	0.06	<5	<20	14.8	<5	<0.1	34.0	<0.2	0.9	0.6	<0.005	<0.1	<5
67123 (3425241)	<1	3.29	<5	<20	159	<5	0.3	6.29	<0.2	1.8	105	0.222	12.8	17
67124 (3425242)	<1	2.43	<5	<20	132	<5	0.2	4.96	<0.2	7.8	79.1	0.165	13.5	24
67125 (3425243)	<1	2.84	<5	<20	175	<5	0.1	7.30	<0.2	1.3	82.9	0.203	7.7	<5
67126 (3425244)	<1	3.29	<5	<20	103	<5	0.1	7.76	<0.2	1.7	89.1	0.229	5.2	<5
67127 (3425245)	<1	5.54	<5	<20	154	<5	0.7	5.91	<0.2	2.4	163	0.404	7.8	68
67128 (3425246)	<1	6.15	<5	<20	104	<5	0.7	5.54	<0.2	3.9	148	0.400	4.2	81
67129 (3425247)	<1	6.56	<5	<20	134	<5	0.8	6.65	<0.2	4.5	169	0.426	2.8	107
67130 (3425248)	<1	6.10	<5	<20	347	<5	0.9	6.12	0.2	3.1	172	0.477	5.7	41
67131 (3425249)	<1	5.37	<5	<20	79.5	<5	0.7	7.57	0.2	3.2	163	0.380	0.8	38
67132 (3425250)	<1	2.88	<5	<20	116	<5	<0.1	8.05	0.2	1.1	85.0	0.198	4.7	<5

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853628

PROJECT: 2021 Surimeau DDH Batch 88

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
67133 (3425251)	<1	3.25	<5	<20	107	<5	0.2	8.05	0.2	1.5	97.2	0.229	5.2	<5
67134 (3425252)	<1	7.02	<5	<20	211	<5	0.7	6.24	<0.2	4.5	153	0.400	1.8	46
67135 (3425253)	<1	7.06	<5	<20	141	<5	0.7	6.22	<0.2	4.4	128	0.419	<0.1	105
67136 (3425254)	<1	8.07	<5	<20	423	<5	0.3	5.84	<0.2	58.5	62.5	0.111	0.2	29
67137 (3425255)	<1	6.51	<5	<20	560	<5	0.5	5.39	0.2	13.7	114	0.366	8.2	70
67138 (3425256)	<1	6.79	<5	<20	275	<5	0.6	6.26	<0.2	4.5	134	0.390	2.1	104
67139 (3425257)	<1	6.32	<5	<20	159	<5	0.6	8.11	<0.2	4.9	171	0.364	0.2	208
67140 (3425258)	<1	6.39	<5	<20	205	<5	0.8	7.33	0.3	5.4	240	0.263	<0.1	360
67141 (3425259)	<1	6.86	<5	<20	239	<5	0.9	6.63	<0.2	3.8	206	0.450	1.9	68
67142 (3425260)	<1	6.95	<5	<20	246	<5	0.8	6.53	0.2	3.7	190	0.425	1.9	62
67143 (3425261)	<1	6.77	<5	<20	197	<5	1.3	7.84	<0.2	5.1	197	0.405	<0.1	219
67144 (3425262)	<1	6.19	<5	<20	183	<5	0.8	9.29	<0.2	4.9	230	0.383	<0.1	443
67145 C-DUP (3425263)	<1	6.32	<5	<20	187	<5	0.9	9.20	<0.2	5.0	223	0.376	<0.1	433
67146 (3425264)	<1	6.09	<5	<20	199	<5	0.8	9.58	<0.2	4.9	179	0.391	<0.1	325
67147 (3425265)	<1	6.73	<5	<20	332	<5	3.8	5.90	0.2	7.3	156	0.387	4.4	142
67148 (3425266)	<1	8.14	<5	<20	771	<5	0.8	2.00	<0.2	4.7	206	0.359	15.9	115
67149 (3425267)	<1	6.62	<5	<20	202	<5	0.9	4.53	<0.2	3.3	146	0.413	5.7	103
67150 (3425268)	1	6.26	<5	<20	280	<5	1.0	7.85	2.8	6.5	163	0.330	0.2	598

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853628

PROJECT: 2021 Surimeau DDH Batch 88

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
67101 (3425219)	1.30	0.81	0.29	6.89	9.97	0.91	3	<1	0.28	<0.2	2.23	0.5	64	0.12
67102 (3425220)	0.23	0.18	0.06	0.11	0.33	0.23	1	<1	0.06	<0.2	<0.05	1.2	<10	<0.05
67103 (3425221)	1.64	1.07	0.37	8.23	11.1	1.31	2	<1	0.41	<0.2	1.88	1.0	68	0.20
67104 (3425222)	1.71	1.11	0.56	8.08	10.6	1.45	2	<1	0.38	<0.2	2.51	1.2	95	0.16
67105 (3425223)	1.74	1.18	0.46	8.13	11.7	1.36	2	<1	0.37	<0.2	2.67	1.2	93	0.16
67106 (3425224)	1.24	0.75	0.16	6.79	7.86	0.93	2	<1	0.28	<0.2	2.88	0.4	96	0.11
67107 (3425225)	1.13	0.76	0.34	6.50	8.87	0.89	2	<1	0.27	<0.2	2.36	1.1	90	0.12
67108 (3425226)	1.57	1.13	0.34	7.47	13.3	1.22	2	<1	0.36	<0.2	2.44	0.8	97	0.17
67109 (3425227)	2.63	1.61	0.53	8.93	15.3	1.88	2	<1	0.55	<0.2	1.91	1.1	92	0.23
67110 (3425228)	2.43	1.52	0.51	7.88	13.7	1.83	2	<1	0.55	<0.2	0.19	1.1	12	0.25
67111 (3425229)	2.30	1.61	0.42	7.93	14.4	1.79	2	<1	0.51	<0.2	0.59	1.1	32	0.22
67112 C-DUP (3425230)	2.58	1.74	0.50	8.12	13.3	1.98	2	<1	0.56	<0.2	0.46	1.0	25	0.24
67113 (3425231)	1.97	1.32	0.34	7.59	12.9	1.46	2	<1	0.43	<0.2	1.60	0.8	81	0.17
67114 (3425232)	1.76	1.22	0.38	7.54	13.0	1.37	2	<1	0.42	<0.2	0.69	0.9	35	0.15
67115 (3425233)	1.82	1.16	0.37	7.60	13.7	1.49	2	<1	0.41	<0.2	0.76	0.9	39	0.17
67116 (3425234)	1.61	1.09	0.46	7.18	13.0	1.38	2	<1	0.39	<0.2	0.93	0.8	40	0.18
67117 (3425235)	1.06	0.73	0.19	6.28	10.2	0.87	3	<1	0.25	<0.2	1.29	0.8	57	0.12
67118 (3425236)	1.83	1.19	0.38	7.69	14.0	1.33	2	<1	0.42	<0.2	0.76	1.2	33	0.16
67119 (3425237)	2.67	1.74	0.54	9.32	18.1	2.13	2	<1	0.57	<0.2	0.55	1.3	28	0.25
67120 (3425238)	2.78	1.93	0.59	10.6	19.3	2.15	2	1	0.64	<0.2	0.52	1.3	34	0.29
67121 (3425239)	2.90	1.89	0.65	9.34	17.5	2.13	2	<1	0.58	<0.2	0.32	1.4	19	0.27
67122 (3425240)	0.23	0.15	<0.05	0.09	0.21	0.22	1	<1	<0.05	<0.2	<0.05	1.2	<10	<0.05
67123 (3425241)	1.26	0.76	0.27	6.55	11.9	0.94	2	<1	0.27	<0.2	2.16	0.7	77	0.14
67124 (3425242)	1.18	0.72	0.21	5.95	9.32	1.36	2	<1	0.24	<0.2	2.15	3.2	63	0.09
67125 (3425243)	0.95	0.71	0.27	6.47	11.9	0.86	3	<1	0.25	<0.2	1.40	0.3	56	0.10
67126 (3425244)	1.37	0.98	0.24	7.22	12.0	0.99	3	<1	0.32	<0.2	1.08	0.6	52	0.13
67127 (3425245)	2.14	1.41	0.42	7.43	13.0	1.73	2	<1	0.47	<0.2	1.57	0.9	76	0.22
67128 (3425246)	2.55	1.68	0.46	7.62	12.6	2.04	2	<1	0.58	<0.2	0.82	1.6	41	0.26
67129 (3425247)	2.76	2.04	0.58	9.65	16.8	2.32	2	<1	0.63	<0.2	0.69	1.8	38	0.30
67130 (3425248)	2.75	1.79	0.45	8.90	16.5	2.09	2	<1	0.63	<0.2	1.19	1.3	64	0.26
67131 (3425249)	2.43	1.56	0.55	8.36	14.3	1.70	3	<1	0.51	<0.2	0.41	1.4	20	0.25
67132 (3425250)	1.01	0.68	0.15	6.62	8.69	0.82	3	<1	0.22	<0.2	0.94	0.3	47	0.10

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853628

PROJECT: 2021 Surimeau DDH Batch 88

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
67133 (3425251)	1.31	0.81	0.22	6.94	9.28	1.03	3	<1	0.27	<0.2	1.07	0.6	54	0.13
67134 (3425252)	2.96	1.93	0.75	9.74	21.3	2.19	2	<1	0.65	<0.2	0.50	1.9	30	0.30
67135 (3425253)	2.58	1.73	0.67	10.4	20.8	2.15	3	<1	0.59	<0.2	0.26	1.8	14	0.26
67136 (3425254)	4.01	2.06	1.74	6.71	21.5	5.89	2	3	0.73	<0.2	0.27	26.0	14	0.29
67137 (3425255)	2.80	1.68	0.80	10.7	21.7	2.61	2	1	0.58	<0.2	1.57	6.0	98	0.27
67138 (3425256)	2.71	1.75	0.63	11.1	21.2	2.16	2	<1	0.61	<0.2	0.58	2.0	33	0.25
67139 (3425257)	2.71	1.77	0.71	12.5	16.8	1.92	3	<1	0.58	<0.2	0.29	2.4	22	0.27
67140 (3425258)	2.24	1.73	0.73	10.5	15.8	1.83	2	<1	0.53	<0.2	0.18	2.7	15	0.31
67141 (3425259)	2.70	1.68	0.69	11.1	19.6	2.06	3	1	0.57	<0.2	0.56	1.4	30	0.24
67142 (3425260)	2.72	1.79	0.73	10.9	17.8	2.13	3	1	0.61	<0.2	0.55	1.4	30	0.26
67143 (3425261)	2.48	1.64	0.62	11.1	18.7	2.18	3	<1	0.57	<0.2	0.29	2.5	14	0.26
67144 (3425262)	2.53	1.89	0.62	13.8	20.9	1.90	3	<1	0.62	<0.2	0.35	2.4	15	0.29
67145 C-DUP (3425263)	2.49	1.87	0.62	13.6	20.4	1.92	3	<1	0.58	0.2	0.34	2.3	15	0.31
67146 (3425264)	2.78	1.94	0.65	11.3	16.0	2.19	3	<1	0.60	0.2	0.23	2.3	20	0.34
67147 (3425265)	2.73	1.81	0.69	10.9	20.0	2.44	2	1	0.57	<0.2	0.92	3.0	50	0.30
67148 (3425266)	2.32	1.46	0.56	8.65	22.0	1.70	1	1	0.45	<0.2	2.50	1.9	124	0.21
67149 (3425267)	2.58	1.55	0.65	7.33	15.3	2.03	2	<1	0.55	<0.2	1.04	1.2	52	0.24
67150 (3425268)	2.69	1.70	0.71	9.84	13.8	2.29	1	1	0.58	<0.2	0.14	2.9	12	0.28

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853628

PROJECT: 2021 Surimeau DDH Batch 88

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
67101 (3425219)	12.8	1070	<2	<1	1.4	1030	<0.01	<5	0.28	108	0.70	<0.1	20	22.9
67102 (3425220)	1.33	108	<2	<1	0.9	5	<0.01	<5	0.20	0.6	0.66	<0.1	<5	5.75
67103 (3425221)	13.0	1430	<2	<1	2.3	649	0.01	<5	0.42	96.9	0.89	<0.1	28	19.7
67104 (3425222)	11.8	1660	<2	<1	2.2	708	<0.01	<5	0.45	120	0.62	<0.1	28	20.2
67105 (3425223)	12.6	1510	<2	<1	2.5	679	0.01	<5	0.48	127	0.84	<0.1	28	21.9
67106 (3425224)	12.8	1070	<2	<1	1.5	1010	<0.01	<5	0.25	141	0.61	<0.1	20	22.9
67107 (3425225)	12.3	1150	<2	<1	1.7	1090	<0.01	<5	0.32	123	0.26	<0.1	20	23.0
67108 (3425226)	11.9	1660	<2	<1	2.0	1030	<0.01	<5	0.33	122	0.11	<0.1	27	23.1
67109 (3425227)	8.13	2170	<2	<1	3.1	1460	<0.01	6	0.54	92.7	0.12	<0.1	42	21.7
67110 (3425228)	4.43	2230	<2	<1	2.9	1510	<0.01	5	0.52	3.7	0.39	<0.1	39	26.9
67111 (3425229)	5.63	1840	<2	<1	2.7	1170	<0.01	6	0.53	22.8	0.27	<0.1	40	24.8
67112 C-DUP (3425230)	5.69	1940	<2	<1	3.2	1200	<0.01	6	0.50	16.9	0.27	<0.1	41	24.9
67113 (3425231)	9.80	1720	<2	<1	2.4	688	<0.01	<5	0.42	74.7	0.13	<0.1	33	23.1
67114 (3425232)	10.1	2060	<2	<1	2.2	1210	<0.01	<5	0.38	26.3	0.17	<0.1	27	22.9
67115 (3425233)	9.87	2050	<2	<1	2.0	1200	<0.01	<5	0.34	31.5	0.17	<0.1	27	22.5
67116 (3425234)	10.3	2020	<2	<1	2.1	1280	<0.01	<5	0.37	41.0	0.18	<0.1	28	23.7
67117 (3425235)	11.6	1740	<2	<1	1.7	977	0.06	<5	0.31	65.0	0.14	<0.1	16	24.1
67118 (3425236)	8.55	2530	<2	<1	2.3	1450	<0.01	10	0.40	31.5	0.23	<0.1	31	23.2
67119 (3425237)	5.31	3240	<2	1	3.5	1910	<0.01	9	0.56	21.4	0.55	<0.1	41	23.9
67120 (3425238)	6.58	4010	<2	1	3.5	2050	<0.01	8	0.58	18.1	0.54	<0.1	48	22.9
67121 (3425239)	5.51	3190	<2	1	3.3	2040	<0.01	11	0.65	5.4	0.57	<0.1	46	23.3
67122 (3425240)	1.60	98	<2	<1	1.0	5	<0.01	<5	0.20	0.4	0.67	<0.1	<5	5.40
67123 (3425241)	11.7	1850	<2	<1	1.5	1390	<0.01	<5	0.28	110	0.18	<0.1	21	23.1
67124 (3425242)	13.8	1040	<2	<1	4.7	1260	<0.01	<5	1.03	113	0.22	<0.1	17	24.0
67125 (3425243)	11.9	1570	<2	<1	1.6	1120	<0.01	<5	0.23	71.0	0.15	<0.1	18	23.8
67126 (3425244)	10.9	1960	<2	<1	1.7	975	<0.01	<5	0.32	51.3	0.14	<0.1	23	23.7
67127 (3425245)	8.35	1950	<2	<1	2.5	1890	<0.01	7	0.42	78.5	0.30	<0.1	38	23.9
67128 (3425246)	5.67	2350	<2	<1	3.8	1510	0.01	10	0.66	36.5	0.31	<0.1	41	23.8
67129 (3425247)	4.83	3170	<2	1	3.9	2000	0.02	11	0.66	26.5	0.86	<0.1	42	22.7
67130 (3425248)	6.63	3250	<2	<1	3.0	2100	<0.01	10	0.53	55.7	0.39	<0.1	43	23.4
67131 (3425249)	7.17	3320	<2	<1	2.9	1930	0.03	8	0.50	9.9	0.35	<0.1	37	22.7
67132 (3425250)	11.0	2330	<2	<1	1.1	1210	<0.01	<5	0.20	45.2	0.14	<0.1	18	23.6

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853628

PROJECT: 2021 Surimeau DDH Batch 88

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
67133 (3425251)	10.5	2570	<2	<1	1.5	1300	<0.01	<5	0.26	54.6	0.16	<0.1	22	22.7
67134 (3425252)	4.47	4240	<2	2	4.1	1890	0.05	12	0.70	18.1	0.70	<0.1	41	22.6
67135 (3425253)	4.08	3630	<2	1	4.1	2030	0.02	12	0.70	1.6	1.29	<0.1	41	22.8
67136 (3425254)	3.28	1580	<2	5	32.3	560	0.16	21	7.70	4.4	0.43	<0.1	26	24.7
67137 (3425255)	5.81	3610	<2	2	8.3	1810	0.03	11	1.86	91.1	0.83	<0.1	39	22.2
67138 (3425256)	4.25	4250	<2	2	3.6	1910	0.03	12	0.75	23.0	1.13	<0.1	39	22.3
67139 (3425257)	3.33	5630	<2	2	3.9	1850	0.06	10	0.70	4.1	1.73	<0.1	34	20.7
67140 (3425258)	2.71	5420	<2	3	3.5	2450	0.10	14	0.76	2.9	2.45	<0.1	26	22.5
67141 (3425259)	4.96	5170	<2	1	3.6	2420	<0.01	12	0.63	16.3	0.68	<0.1	45	21.7
67142 (3425260)	4.69	5070	<2	2	3.6	2220	<0.01	14	0.65	16.5	0.61	<0.1	43	21.8
67143 (3425261)	3.22	5590	<2	3	3.9	3270	0.06	15	0.75	2.1	1.41	<0.1	37	21.0
67144 (3425262)	3.07	6920	<2	3	3.7	3060	0.05	14	0.75	2.6	2.25	<0.1	34	18.9
67145 C-DUP (3425263)	3.07	6880	<2	3	3.7	2960	0.05	15	0.75	2.9	2.20	<0.1	34	19.1
67146 (3425264)	2.76	6810	<2	3	3.7	2540	0.02	15	0.76	2.7	2.10	<0.1	36	21.9
67147 (3425265)	4.28	4090	<2	2	4.9	2030	0.02	12	1.11	43.7	0.91	<0.1	41	22.3
67148 (3425266)	4.34	1920	<2	1	3.6	2100	<0.01	11	0.73	127	0.68	<0.1	38	23.5
67149 (3425267)	5.55	2270	<2	1	3.2	1720	<0.01	10	0.60	46.6	0.54	<0.1	40	24.3
67150 (3425268)	3.44	1690	<2	1	4.6	1540	0.03	17	0.95	3.1	3.17	<0.1	35	21.4

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853628

PROJECT: 2021 Surimeau DDH Batch 88

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
67101 (3425219)	0.6	1	34.4	<0.5	0.18	<0.1	0.17	1.1	0.11	0.10	119	<1	7.0	0.8
67102 (3425220)	0.2	1	75.8	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.09	<5	2	2.3	0.1
67103 (3425221)	1.0	<1	50.1	<0.5	0.25	<0.1	0.24	0.9	0.19	<0.05	156	<1	9.9	1.2
67104 (3425222)	0.9	1	65.8	<0.5	0.25	<0.1	0.25	1.1	0.17	<0.05	158	<1	10.4	1.1
67105 (3425223)	1.0	1	32.4	<0.5	0.26	0.1	0.24	1.2	0.17	0.06	174	<1	9.6	1.1
67106 (3425224)	0.7	<1	22.1	<0.5	0.18	<0.1	0.17	1.3	0.10	0.05	111	<1	6.6	0.8
67107 (3425225)	0.6	1	33.6	<0.5	0.15	<0.1	0.16	1.2	0.12	0.06	108	<1	7.1	0.8
67108 (3425226)	0.8	1	26.5	<0.5	0.24	<0.1	0.23	1.2	0.15	0.08	163	<1	9.1	1.1
67109 (3425227)	1.3	1	128	<0.5	0.36	<0.1	0.35	0.9	0.25	0.05	240	<1	13.8	1.6
67110 (3425228)	1.2	<1	74.6	<0.5	0.35	<0.1	0.33	<0.5	0.24	<0.05	229	<1	14.2	1.6
67111 (3425229)	1.0	<1	101	<0.5	0.35	<0.1	0.33	<0.5	0.23	<0.05	229	<1	13.4	1.5
67112 C-DUP (3425230)	1.4	<1	99.1	<0.5	0.34	<0.1	0.33	<0.5	0.24	<0.05	236	<1	14.1	1.5
67113 (3425231)	0.8	1	69.4	<0.5	0.30	<0.1	0.27	0.7	0.18	0.07	190	<1	10.8	1.2
67114 (3425232)	0.8	1	41.5	<0.5	0.28	<0.1	0.22	<0.5	0.17	0.08	170	<1	10.4	1.1
67115 (3425233)	0.9	2	36.6	<0.5	0.25	<0.1	0.23	<0.5	0.17	0.07	171	<1	10.0	1.2
67116 (3425234)	0.9	7	97.6	<0.5	0.26	0.2	0.23	<0.5	0.14	0.21	161	<1	9.8	1.1
67117 (3425235)	0.5	<1	24.0	<0.5	0.16	<0.1	0.12	0.6	0.11	0.09	101	<1	6.7	0.8
67118 (3425236)	0.8	1	158	<0.5	0.26	<0.1	0.25	<0.5	0.17	0.09	161	<1	10.8	1.2
67119 (3425237)	1.1	1	248	<0.5	0.37	<0.1	0.34	<0.5	0.24	0.20	231	<1	15.5	1.6
67120 (3425238)	1.6	2	165	<0.5	0.43	<0.1	0.35	<0.5	0.27	0.19	286	<1	16.8	1.8
67121 (3425239)	1.5	1	290	<0.5	0.40	<0.1	0.36	<0.5	0.25	0.15	257	<1	16.4	1.8
67122 (3425240)	0.2	<1	72.1	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.17	<5	<1	2.2	0.1
67123 (3425241)	0.6	<1	25.4	<0.5	0.20	<0.1	0.17	1.1	0.12	0.05	114	<1	7.5	0.9
67124 (3425242)	1.0	1	19.2	<0.5	0.21	0.4	0.16	1.2	0.09	0.11	83	<1	6.5	0.6
67125 (3425243)	0.6	<1	26.0	<0.5	0.15	<0.1	0.15	0.7	0.10	0.06	116	<1	6.4	0.7
67126 (3425244)	0.6	1	24.5	<0.5	0.19	<0.1	0.18	0.5	0.13	0.06	134	<1	7.9	1.0
67127 (3425245)	1.0	<1	128	<0.5	0.35	<0.1	0.30	0.8	0.19	<0.05	202	<1	12.4	1.3
67128 (3425246)	1.4	1	120	<0.5	0.37	<0.1	0.34	<0.5	0.24	<0.05	232	<1	15.5	1.7
67129 (3425247)	1.4	1	197	<0.5	0.39	<0.1	0.36	<0.5	0.29	0.10	245	<1	16.6	1.8
67130 (3425248)	1.2	2	169	<0.5	0.38	<0.1	0.33	0.7	0.27	0.05	241	<1	16.3	1.8
67131 (3425249)	1.1	2	142	<0.5	0.34	<0.1	0.29	<0.5	0.23	0.07	210	<1	14.0	1.6
67132 (3425250)	0.5	4	14.2	<0.5	0.15	<0.1	0.15	0.5	0.09	<0.05	103	<1	5.7	0.7

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853628

PROJECT: 2021 Surimeau DDH Batch 88

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
67133 (3425251)	0.6	1	22.0	<0.5	0.18	<0.1	0.18	0.7	0.11	<0.05	120	<1	7.6	0.8
67134 (3425252)	1.5	2	399	<0.5	0.42	<0.1	0.35	<0.5	0.28	0.27	233	<1	17.8	1.8
67135 (3425253)	1.4	2	480	<0.5	0.39	0.1	0.35	<0.5	0.25	0.23	235	<1	15.7	1.7
67136 (3425254)	6.3	2	1220	<0.5	0.76	4.5	0.46	<0.5	0.28	1.40	173	<1	20.1	1.9
67137 (3425255)	2.2	2	402	<0.5	0.41	0.9	0.36	1.3	0.26	0.36	244	<1	15.2	1.8
67138 (3425256)	1.5	2	542	<0.5	0.41	<0.1	0.32	<0.5	0.25	0.36	230	<1	15.7	1.7
67139 (3425257)	1.2	2	355	<0.5	0.37	<0.1	0.30	<0.5	0.26	0.31	209	<1	15.5	1.9
67140 (3425258)	1.2	2	802	<0.5	0.33	0.1	0.24	<0.5	0.28	0.66	163	<1	14.7	2.1
67141 (3425259)	1.3	8	309	<0.5	0.38	<0.1	0.38	<0.5	0.26	0.20	267	<1	15.7	1.7
67142 (3425260)	1.3	5	331	<0.5	0.39	<0.1	0.38	<0.5	0.26	0.21	254	<1	15.2	1.7
67143 (3425261)	1.3	3	554	<0.5	0.37	<0.1	0.31	<0.5	0.25	0.65	218	<1	14.7	1.7
67144 (3425262)	1.1	5	439	<0.5	0.37	0.1	0.29	<0.5	0.29	0.63	245	<1	15.4	1.9
67145 C-DUP (3425263)	1.4	4	460	<0.5	0.36	0.1	0.29	<0.5	0.28	0.60	243	<1	15.4	1.9
67146 (3425264)	1.4	3	550	<0.5	0.39	<0.1	0.29	<0.5	0.29	0.60	227	<1	16.3	2.0
67147 (3425265)	1.6	2	338	<0.5	0.41	0.4	0.37	0.7	0.28	0.32	248	<1	15.3	1.9
67148 (3425266)	1.2	2	500	<0.5	0.31	0.3	0.34	2.1	0.21	0.14	232	<1	12.1	1.4
67149 (3425267)	1.3	2	378	<0.5	0.36	<0.1	0.33	0.7	0.26	0.22	236	<1	14.1	1.7
67150 (3425268)	1.5	3	215	<0.5	0.41	0.2	0.31	<0.5	0.24	0.27	194	<1	16.5	1.7

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853628

PROJECT: 2021 Surimeau DDH Batch 88

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
67101 (3425219)	87	16.7
67102 (3425220)	<5	1.8
67103 (3425221)	63	22.7
67104 (3425222)	64	22.1
67105 (3425223)	64	24.2
67106 (3425224)	54	15.3
67107 (3425225)	52	15.9
67108 (3425226)	78	20.4
67109 (3425227)	95	31.3
67110 (3425228)	89	30.5
67111 (3425229)	75	31.5
67112 C-DUP (3425230)	79	30.5
67113 (3425231)	76	25.0
67114 (3425232)	72	20.0
67115 (3425233)	76	19.7
67116 (3425234)	71	20.2
67117 (3425235)	67	12.5
67118 (3425236)	73	21.3
67119 (3425237)	181	30.3
67120 (3425238)	228	33.8
67121 (3425239)	139	34.9
67122 (3425240)	<5	2.3
67123 (3425241)	64	18.0
67124 (3425242)	68	25.5
67125 (3425243)	125	14.7
67126 (3425244)	76	17.5
67127 (3425245)	73	26.1
67128 (3425246)	84	30.9
67129 (3425247)	139	32.4
67130 (3425248)	116	31.6
67131 (3425249)	96	28.1
67132 (3425250)	65	13.3

Certified By:

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853628

PROJECT: 2021 Surimeau DDH Batch 88

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
67133 (3425251)	67	16.3
67134 (3425252)	239	30.7
67135 (3425253)	296	30.0
67136 (3425254)	164	115
67137 (3425255)	303	49.2
67138 (3425256)	244	28.7
67139 (3425257)	191	25.4
67140 (3425258)	156	18.3
67141 (3425259)	190	34.7
67142 (3425260)	189	33.3
67143 (3425261)	192	24.7
67144 (3425262)	237	23.4
67145 C-DUP (3425263)	231	23.6
67146 (3425264)	185	23.8
67147 (3425265)	199	37.6
67148 (3425266)	271	37.4
67149 (3425267)	149	28.7
67150 (3425268)	565	34.5

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853628

PROJECT: 2021 Surimeau DDH Batch 88

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Crush-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
67101 (3425219)	82.78
67120 (3425238)	83.92
67140 (3425258)	78.29

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853628

PROJECT: 2021 Surimeau DDH Batch 88

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Pul-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
67101 (3425219)	87.07
67120 (3425238)	88.21
67140 (3425258)	87.60

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 22O853628

PROJECT: 2021 Surimeau DDH Batch 88

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3							
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	3425219	<1	<1	0%	3425233	<1	<1	0%	3425259	<1	<1	0%				
Al	3425219	2.96	3.03	2.3%	3425233	4.18	4.22	1%	3425259	6.86	6.91	0.7%				
As	3425219	<5	<5	0%	3425233	<5	<5	0%	3425259	<5	<5	0%				
B	3425219	<20	<20	0%	3425233	<20	<20	0%	3425259	<20	<20	0%				
Ba	3425219	286	305	6.6%	3425233	134	133	1%	3425259	239	237	1%				
Be	3425219	<5	<5	0%	3425233	<5	<5	0%	3425259	<5	<5	0%				
Bi	3425219	0.3	0.3	4.5%	3425233	0.3	0.2	8.7%	3425259	0.9	0.9	2.6%				
Ca	3425219	5.72	5.46	4.6%	3425233	8.36	8.42	0.7%	3425259	6.63	6.63	0.1%				
Cd	3425219	<0.2	<0.2	0%	3425233	<0.2	<0.2	0%	3425259	<0.2	<0.2	0%				
Ce	3425219	1.5	1.5	0.1%	3425233	2.2	2.0	8.3%	3425259	3.8	4.7	19.3%				
Co	3425219	80.1	81.5	1.7%	3425233	109	110	1%	3425259	206	204	1.1%				
Cr	3425219	0.213	0.218	2%	3425233	0.280	0.277	0.9%	3425259	0.450	0.448	0.5%				
Cs	3425219	17.2	18.1	4.7%	3425233	3.2	3.3	2.8%	3425259	1.9	1.8	4.2%				
Cu	3425219	36	39	6.5%	3425233	<5	<5	0%	3425259	68	70	2%				
Dy	3425219	1.30	1.20	8%	3425233	1.82	1.75	3.8%	3425259	2.70	2.77	2.4%				
Er	3425219	0.81	0.81	0%	3425233	1.16	1.17	0.3%	3425259	1.68	1.70	0.9%				
Eu	3425219	0.29	0.28	4.5%	3425233	0.37	0.36	2.9%	3425259	0.69	0.62	10.2%				
Fe	3425219	6.89	6.86	0.5%	3425233	7.60	7.67	1%	3425259	11.1	11.1	0.2%				
Ga	3425219	9.97	9.87	1.1%	3425233	13.7	14.6	6%	3425259	19.6	19.2	2.3%				
Gd	3425219	0.91	0.99	7.9%	3425233	1.49	1.30	13.2%	3425259	2.06	2.29	10.9%				
Ge	3425219	3	3	0.2%	3425233	2	3	11.6%	3425259	3	3	9.7%				
Hf	3425219	<1	<1	0%	3425233	<1	<1	0%	3425259	1	1	10.1%				
Ho	3425219	0.28	0.26	6.1%	3425233	0.41	0.38	7.3%	3425259	0.57	0.61	7%				
In	3425219	<0.2	<0.2	0%	3425233	<0.2	<0.2	0%	3425259	<0.2	<0.2	0%				
K	3425219	2.23	2.35	5%	3425233	0.76	0.75	1%	3425259	0.56	0.55	0.9%				
La	3425219	0.5	0.4	8.8%	3425233	0.9	0.7	17.4%	3425259	1.4	2.1	38.7%				
Li	3425219	64	67	3.7%	3425233	39	39	1.5%	3425259	30	31	3.6%				
Lu	3425219	0.12	0.11	7.7%	3425233	0.17	0.17	4.2%	3425259	0.24	0.26	6.9%				
Mg	3425219	12.8	12.8	0.4%	3425233	9.87	9.81	0.6%	3425259	4.96	4.93	0.6%				
Mn	3425219	1070	1040	2.5%	3425233	2050	2060	0.8%	3425259	5170	5180	0.1%				
Mo	3425219	<2	<2	0%	3425233	<2	<2	0%	3425259	<2	<2	0%				

AGAT Laboratories

Quality Assurance - Replicate

AGAT WORK ORDER: 22O853628

PROJECT: 2021 Surimeau DDH Batch 88

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Nb	3425219	<1	<1	0%	3425233	<1	<1	0%	3425259	1	2	9.8%				
Nd	3425219	1.4	1.4	0.4%	3425233	2.0	2.1	4.9%	3425259	3.6	3.7	3.7%				
Ni	3425219	1030	1050	1.6%	3425233	1200	1200	0%	3425259	2420	2430	0.2%				
P	3425219	<0.01	<0.01	0%	3425233	<0.01	<0.01	0%	3425259	<0.01	<0.01	0%				
Pb	3425219	<5	<5	0%	3425233	<5	<5	0%	3425259	12	12	2.5%				
Pr	3425219	0.28	0.23	16.9%	3425233	0.34	0.36	5.5%	3425259	0.63	0.73	14.9%				
Rb	3425219	108	115	6%	3425233	31.5	31.5	0.2%	3425259	16.3	15.4	5.2%				
S	3425219	0.70	0.73	4.2%	3425233	0.17	0.17	0.9%	3425259	0.68	0.68	0.2%				
Sb	3425219	<0.1	<0.1	0%	3425233	<0.1	<0.1	0%	3425259	<0.1	<0.1	0%				
Sc	3425219	20	20	1.4%	3425233	27	27	0.7%	3425259	45	45	0.7%				
Si	3425219	22.9	22.3	2.4%	3425233	22.5	22.7	0.7%	3425259	21.7	21.8	0.5%				
Sm	3425219	0.6	0.6	1.4%	3425233	0.9	0.9	8.1%	3425259	1.3	1.3	0.6%				
Sn	3425219	1	1	18.5%	3425233	2	2	9.8%	3425259	8	3	89.7%				
Sr	3425219	34.4	32.5	5.5%	3425233	36.6	36.3	0.9%	3425259	309	310	0.6%				
Ta	3425219	<0.5	<0.5	0%	3425233	<0.5	<0.5	0%	3425259	<0.5	<0.5	0%				
Tb	3425219	0.18	0.16	11.8%	3425233	0.25	0.26	4.3%	3425259	0.38	0.39	3.6%				
Th	3425219	<0.1	<0.1	0%	3425233	<0.1	<0.1	0%	3425259	<0.1	0.1	6.5%				
Ti	3425219	0.17	0.18	5.1%	3425233	0.23	0.24	0.5%	3425259	0.38	0.38	0.6%				
Tl	3425219	1.1	1.1	0.3%	3425233	<0.5	<0.5	0%	3425259	<0.5	<0.5	0%				
Tm	3425219	0.11	0.11	0.2%	3425233	0.17	0.16	7.2%	3425259	0.26	0.28	7.9%				
U	3425219	0.10	0.08	19.7%	3425233	0.07	0.08	3.6%	3425259	0.20	0.23	14.4%				
V	3425219	119	122	2.5%	3425233	171	169	1.3%	3425259	267	269	0.9%				
W	3425219	<1	<1	0%	3425233	<1	<1	0%	3425259	<1	<1	0%				
Y	3425219	7.0	6.6	6.3%	3425233	10.0	10.2	1.9%	3425259	15.7	15.7	0.4%				
Yb	3425219	0.8	0.7	5.6%	3425233	1.2	1.2	2.3%	3425259	1.7	1.8	4%				
Zn	3425219	87	84	3.9%	3425233	76	76	1.1%	3425259	190	192	1.3%				
Zr	3425219	16.7	17.1	2.6%	3425233	19.7	20.7	4.7%	3425259	34.7	34.2	1.3%				

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 22O853628

PROJECT: 2021 Surimeau DDH Batch 88

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.GTS-2a)				CRM #2 (ref.Till-2)				CRM #3 (ref.Till-2)				CRM #4 (ref.GTS-2a)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	6.94	7.01	101%	80% - 120%					8.47	8.49	100%	80% - 120%	6.94	6.97	100%	80% - 120%
As					26.0	25.6	99%	80% - 120%					124.0	125	101%	80% - 120%
Ba									540.0	505	94%	80% - 120%				
Be									4.0	4.04	101%	80% - 120%				
Ca	4.01	4.06	101%	80% - 120%					0.907	0.928	102%	80% - 120%	4.01	4.09	102%	80% - 120%
Ce					98.0	103	105%	80% - 120%								
Co					15.0	14	96%	80% - 120%					22.1	22	101%	80% - 120%
Cr									74.0	69.2	94%	80% - 120%				
Cs					12.0	13	112%	80% - 120%								
Cu	88.6	82.7	93%	80% - 120%					150.0	152	102%	80% - 120%	88.6	81.7	92%	80% - 120%
Fe	7.56	7.96	105%	80% - 120%					3.77	3.98	106%	80% - 120%	7.56	7.91	105%	80% - 120%
Hf					11.0	11	99%	80% - 120%								
K	2.02	2.02	100%	80% - 120%					2.55	2.51	98%	80% - 120%	2.02	2.03	100%	80% - 120%
La					44.0	45.9	104%	80% - 120%								
Li									47.0	49.0	104%	80% - 120%				
Mg	2.41	2.47	102%	80% - 120%					1.1	1.12	102%	80% - 120%	2.41	2.45	102%	80% - 120%
Mn	1510.0	1550	103%	80% - 120%					780.0	801	103%	80% - 120%	1510.0	1530	101%	80% - 120%
Mo					14.0	14	101%	80% - 120%								
Nb					20.0	19	96%	80% - 120%								
Ni									32.0	35.2	110%	80% - 120%				
Pb					31.0	35	113%	80% - 120%								
Rb					143.0	151	105%	80% - 120%								
Sb					0.8	0.9	113%	80% - 120%								
Sc									12.0	12.1	101%	80% - 120%				
Si	23.65	23.9	101%	80% - 120%									23.65	23.4	99%	80% - 120%
Sr									144.0	157	109%	80% - 120%				
Ta					1.9	2	99%	80% - 120%								
Th					18.4	20	111%	80% - 120%					1.244	1	110%	80% - 120%
Ti									0.527	0.524	100%	80% - 120%				
U					5.7	6	102%	80% - 120%								
V									77.0	76.1	99%	80% - 120%				

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 22O853628

PROJECT: 2021 Surimeau DDH Batch 88

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

W					5.0	5.4	107%	80% - 120%								
Y					40.0	35.8	90%	80% - 120%								
Zn									130.0	117	90%	80% - 120%				
	CRM #5 (ref.CGL-015)															
Parameter	Expect	Actual	Recovery	Limits												
Al	13.0	13.0	100%	80% - 120%												
Ba	1310.0	1260	96%	80% - 120%												
Ca	1.42	1.43	101%	80% - 120%												
Ce	58.24	62	106%	80% - 120%												
Cr	25.6	26.4	103%	80% - 120%												
Cu	6.4	7.13	111%	80% - 120%												
Fe	3.27	3.39	104%	80% - 120%												
K	3.68	3.68	100%	80% - 120%												
La	27.48	29.2	106%	80% - 120%												
Li	65.0	68.5	105%	80% - 120%												
Nb	22.63	23	104%	80% - 120%												
P	0.061	0.059	96%	80% - 120%												
Pb	7.0	8	117%	80% - 120%												
Rb	85.36	93	109%	80% - 120%												
Si	24.4	23.8	98%	80% - 120%												
Sr	310.0	322	104%	80% - 120%												
Ti	0.222	0.213	96%	80% - 120%												
Y	25.32	25.8	102%	80% - 120%												
Yb	2.66	2.9	111%	80% - 120%												
Zn	75.42	75.2	100%	80% - 120%												

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O853628

PROJECT: 2021 Surimeau DDH Batch 88

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O853628

PROJECT: 2021 Surimeau DDH Batch 88

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O853628

PROJECT: 2021 Surimeau DDH Batch 88

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Crush-Pass %			BALANCE
Pul-Pass %			BALANCE

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 89

AGAT WORK ORDER: 22O853630

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Mar 10, 2022

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

Disclaimer:

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project Manager if you require additional sample storage time.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
- The test results reported herewith relate only to the samples as received by the laboratory.
- Measurement Uncertainty is not taken into consideration when stating conformity with a specified requirement.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853630

PROJECT: 2021 Surimeau DDH Batch 89

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
67151 (3425316)	2.020
67152 (3425317)	1.260
67153 (3425318)	1.680
67154 (3425319)	3.300
67155 (3425320)	3.270
67156 (3425321)	3.040
67157 (3425322)	2.980
67158 (3425323)	3.300
67159 (3425324)	2.960
67160 (3425325)	2.440
67161 (3425326)	3.140
67162 (3425327)	<0.005
67163 (3425328)	2.240
67164 (3425329)	2.480
67165 (3425330)	1.380
67166 (3425331)	2.040
67167 (3425332)	1.850
67168 (3425333)	1.900
67169 (3425334)	1.400
67170 (3425335)	2.200
67171 (3425336)	2.590
67172 (3425337)	1.180
67173 (3425338)	3.380
67174 (3425339)	2.110
67175 (3425340)	2.970
67176 (3425341)	3.530
67177 (3425342)	3.070
67178 (3425343)	3.370
67179 (3425344)	4.000
67180 (3425345)	2.700
67181 (3425346)	3.930

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853630

PROJECT: 2021 Surimeau DDH Batch 89

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
67182 (3425347)	3.980
67183 (3425348)	2.780
67184 (3425349)	3.930
67185 (3425350)	2.580
67186 (3425351)	2.910
67187 (3425352)	1.730
67188 (3425353)	3.620
67189 (3425354)	3.290
67190 (3425355)	3.100
67191 (3425356)	2.520
67192 (3425357)	1.090
67193 (3425358)	2.340
67194 (3425359)	2.660
67195 (3425360)	<0.005
67196 (3425361)	2.610
67197 (3425362)	3.990
67198 (3425363)	3.980
67199 (3425364)	3.850
67200 (3425365)	2.750

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853630

PROJECT: 2021 Surimeau DDH Batch 89

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
67151 (3425316)	<1	6.93	<5	<20	667	<5	0.7	4.24	<0.2	4.5	145	0.456	21.3	132
67152 (3425317)	1	0.08	5	<20	19.7	<5	<0.1	35.8	<0.2	1.0	0.8	0.013	0.3	<5
67153 (3425318)	<1	3.16	<5	<20	15.6	<5	0.5	5.76	<0.2	2.3	96.8	0.221	1.1	79
67154 (3425319)	<1	3.43	<5	<20	2.1	<5	0.4	5.12	<0.2	1.7	95.4	0.229	0.2	71
67155 (3425320)	<1	3.36	<5	<20	1.0	<5	0.4	6.40	<0.2	2.1	113	0.250	0.2	55
67156 (3425321)	<1	3.38	<5	<20	1.5	<5	0.4	5.42	<0.2	1.8	97.8	0.233	0.2	29
67157 (3425322)	<1	3.54	<5	<20	1.8	<5	0.4	4.77	<0.2	1.9	96.8	0.244	0.3	28
67158 (3425323)	<1	3.20	<5	<20	1.6	<5	0.4	5.61	<0.2	1.8	100	0.227	0.2	32
67159 (3425324)	<1	3.06	<5	<20	1.2	<5	0.5	5.64	<0.2	2.3	101	0.225	0.2	48
67160 (3425325)	<1	3.80	<5	<20	7.4	<5	0.5	4.77	<0.2	2.4	104	0.244	0.6	74
67161 (3425326)	<1	3.34	<5	<20	33.7	<5	0.8	4.24	<0.2	1.5	97.1	0.218	2.7	84
67162 (3425327)	<1	3.40	<5	<20	37.1	<5	0.8	4.14	<0.2	1.4	98.9	0.221	3.0	83
67163 (3425328)	<1	3.43	<5	<20	30.7	<5	0.7	4.42	<0.2	1.8	98.1	0.242	2.6	95
67164 (3425329)	<1	2.76	<5	<20	7.0	<5	0.8	4.86	<0.2	1.7	98.2	0.207	0.6	123
67165 (3425330)	<1	2.48	<5	<20	6.6	<5	0.7	5.50	<0.2	1.8	94.0	0.200	0.7	123
67166 (3425331)	<1	2.17	<5	<20	118	<5	0.7	5.63	0.4	1.9	81.7	0.169	10.1	40
67167 (3425332)	<1	3.33	<5	<20	283	<5	0.5	5.73	0.6	2.4	89.6	0.194	18.4	19
67168 (3425333)	<1	3.40	<5	<20	366	<5	0.3	6.01	0.2	2.3	87.1	0.216	14.4	11
67169 (3425334)	<1	3.77	<5	<20	225	<5	0.4	7.54	0.2	8.0	86.8	0.227	6.6	7
67170 (3425335)	<1	4.47	<5	<20	116	<5	0.4	12.9	<0.2	3.2	101	0.293	2.5	31
67171 (3425336)	<1	2.94	<5	<20	7.8	<5	0.5	5.98	<0.2	1.4	91.3	0.203	0.5	52
67172 (3425337)	<1	0.15	6	<20	21.1	<5	<0.1	35.5	<0.2	1.0	0.9	0.008	0.1	<5
67173 (3425338)	<1	3.53	<5	<20	1.5	<5	0.5	5.67	<0.2	1.3	105	0.245	0.3	60
67174 (3425339)	<1	3.35	<5	<20	65.2	<5	0.5	9.51	<0.2	2.6	107	0.248	2.7	49
67175 (3425340)	<1	2.97	<5	<20	1.4	<5	0.4	5.55	<0.2	1.2	102	0.216	0.3	52
67176 (3425341)	<1	3.12	<5	<20	8.4	<5	0.4	6.67	<0.2	1.9	98.7	0.232	0.4	51
67177 (3425342)	<1	3.37	<5	<20	13.8	<5	0.4	5.33	<0.2	3.6	97.6	0.224	0.9	53
67178 (3425343)	<1	3.68	<5	<20	4.7	<5	0.4	5.65	<0.2	2.2	99.9	0.247	0.4	56
67179 (3425344)	4	3.55	<5	<20	4.7	<5	0.5	5.67	<0.2	2.8	96.8	0.246	0.4	84
67180 (3425345)	4	3.74	<5	<20	440	<5	0.5	5.00	<0.2	7.3	85.6	0.203	17.8	54
67181 (3425346)	8	2.91	<5	<20	2.0	<5	0.5	5.64	<0.2	1.7	92.8	0.206	0.3	58
67182 (3425347)	1	3.31	<5	<20	21.9	<5	0.4	6.77	<0.2	2.8	97.2	0.233	1.1	68

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853630

PROJECT: 2021 Surimeau DDH Batch 89

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
67183 (3425348)	<1	4.27	<5	<20	617	<5	0.2	5.84	<0.2	22.1	76.1	0.153	16.0	<5
67184 (3425349)	3	3.91	<5	<20	441	<5	0.3	6.81	<0.2	30.1	74.3	0.154	12.2	13
67185 (3425350)	3	2.86	<5	<20	155	<5	0.5	6.40	<0.2	1.5	91.5	0.209	6.9	71
67186 (3425351)	7	3.98	<5	<20	358	<5	0.6	10.7	<0.2	11.3	90.9	0.224	10.4	31
67187 (3425352)	4	5.09	<5	<20	40.5	<5	0.4	13.1	<0.2	5.3	113	0.352	0.9	<5
67188 (3425353)	2	3.83	<5	<20	156	<5	0.3	6.68	<0.2	1.9	88.9	0.245	6.4	47
67189 (3425354)	3	3.65	<5	<20	403	<5	0.3	5.07	<0.2	4.5	79.6	0.194	22.2	28
67190 (3425355)	1	3.93	<5	<20	49.5	<5	0.4	15.0	<0.2	3.8	104	0.298	0.8	61
67191 (3425356)	5	3.59	<5	<20	118	<5	0.4	17.6	<0.2	4.6	98.8	0.251	2.1	58
67192 (3425357)	5	3.44	<5	<20	153	<5	0.4	5.83	<0.2	2.0	97.3	0.229	8.4	64
67193 (3425358)	2	3.49	<5	<20	397	<5	0.3	5.27	<0.2	4.8	80.9	0.187	20.9	30
67194 (3425359)	4	6.97	<5	<20	499	<5	<0.1	2.20	<0.2	82.6	4.8	0.037	1.0	<5
67195 (3425360)	4	3.11	<5	<20	273	<5	0.4	5.40	<0.2	1.6	84.9	0.198	17.3	53
67196 (3425361)	2	2.70	<5	<20	12.1	<5	0.4	5.98	<0.2	2.0	91.7	0.193	1.0	42
67197 (3425362)	<1	2.67	<5	<20	2.1	<5	0.5	6.23	<0.2	1.9	96.6	0.202	0.4	41
67198 (3425363)	<1	2.84	<5	<20	1.8	<5	0.7	3.83	<0.2	1.8	97.9	0.217	0.5	14
67199 (3425364)	3	3.01	<5	<20	5.2	<5	0.5	4.29	<0.2	1.6	97.6	0.219	0.6	69
67200 (3425365)	3	2.75	<5	<20	2.4	<5	0.4	6.77	<0.2	1.3	93.3	0.198	0.3	62

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853630

PROJECT: 2021 Surimeau DDH Batch 89

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
67151 (3425316)	2.67	1.94	0.67	9.70	14.0	2.29	2	<1	0.61	<0.2	2.79	2.0	109	0.26
67152 (3425317)	0.18	0.10	0.06	0.20	0.16	0.24	2	<1	<0.05	<0.2	<0.05	1.3	<10	<0.05
67153 (3425318)	1.46	1.00	0.34	7.33	8.20	1.18	2	<1	0.31	<0.2	0.09	0.7	11	0.15
67154 (3425319)	1.38	0.90	0.21	7.59	8.74	1.04	3	<1	0.25	<0.2	<0.05	0.6	<10	0.12
67155 (3425320)	1.37	0.87	0.24	7.65	7.10	1.18	3	<1	0.27	<0.2	<0.05	0.8	<10	0.13
67156 (3425321)	1.46	0.88	0.19	7.69	7.58	0.92	3	<1	0.29	<0.2	<0.05	0.6	<10	0.11
67157 (3425322)	1.51	1.06	0.18	8.15	6.90	1.15	2	<1	0.35	<0.2	<0.05	0.7	<10	0.11
67158 (3425323)	1.32	0.90	0.15	7.44	7.29	0.93	3	<1	0.25	<0.2	<0.05	0.7	<10	0.08
67159 (3425324)	1.34	0.86	0.26	7.36	6.91	1.09	3	<1	0.29	<0.2	<0.05	0.9	<10	0.13
67160 (3425325)	1.30	0.81	0.29	7.70	8.81	1.09	3	<1	0.25	<0.2	<0.05	0.8	<10	0.11
67161 (3425326)	0.78	0.64	0.16	7.49	8.95	0.79	3	<1	0.20	<0.2	0.29	0.4	11	0.09
67162 (3425327)	0.95	0.60	0.18	7.47	8.99	0.60	3	<1	0.20	<0.2	0.31	0.5	11	0.08
67163 (3425328)	1.30	0.83	0.13	7.23	9.65	0.99	3	<1	0.25	<0.2	0.25	0.6	11	0.11
67164 (3425329)	1.04	0.65	0.14	7.08	6.92	0.91	4	<1	0.25	<0.2	<0.05	0.6	<10	0.11
67165 (3425330)	1.30	0.80	0.23	6.79	5.54	0.79	4	<1	0.21	<0.2	<0.05	0.6	<10	0.12
67166 (3425331)	1.17	0.79	0.24	5.84	5.76	0.97	3	<1	0.26	<0.2	1.37	0.6	38	0.12
67167 (3425332)	1.14	0.83	0.44	6.44	10.3	0.96	3	<1	0.28	<0.2	2.41	0.9	86	0.08
67168 (3425333)	1.46	0.89	0.40	6.92	11.3	1.08	3	<1	0.28	<0.2	2.04	0.8	83	0.12
67169 (3425334)	1.52	0.95	0.56	7.21	12.0	1.49	3	<1	0.37	<0.2	0.99	2.9	43	0.14
67170 (3425335)	2.05	1.11	0.65	7.94	9.47	1.49	2	<1	0.40	<0.2	0.53	1.4	20	0.16
67171 (3425336)	1.13	0.66	0.14	6.80	6.73	0.85	3	<1	0.22	<0.2	<0.05	0.5	<10	0.08
67172 (3425337)	0.22	0.15	0.99	0.16	0.70	0.24	1	<1	0.06	<0.2	<0.05	1.2	<10	<0.05
67173 (3425338)	1.21	0.83	0.12	7.69	7.65	0.88	2	<1	0.27	<0.2	<0.05	0.5	<10	0.10
67174 (3425339)	1.44	0.97	0.32	7.73	7.14	1.24	2	<1	0.35	<0.2	0.34	1.3	14	0.13
67175 (3425340)	1.13	0.73	0.14	7.00	6.58	0.88	2	<1	0.26	<0.2	<0.05	0.4	<10	0.14
67176 (3425341)	1.20	0.77	0.15	7.36	7.76	0.92	3	<1	0.24	<0.2	<0.05	0.7	<10	0.11
67177 (3425342)	1.37	0.91	0.18	7.48	8.90	1.50	2	<1	0.36	<0.2	0.06	1.2	<10	0.12
67178 (3425343)	1.47	0.89	0.17	8.23	8.16	1.05	2	<1	0.32	<0.2	<0.05	0.8	<10	0.12
67179 (3425344)	1.32	0.81	0.20	7.84	8.03	1.07	2	<1	0.25	<0.2	<0.05	1.0	<10	0.11
67180 (3425345)	1.41	0.88	0.23	7.50	10.8	1.64	2	<1	0.30	<0.2	2.52	2.7	64	0.14
67181 (3425346)	1.20	0.87	0.19	7.08	7.86	0.81	3	<1	0.26	<0.2	<0.05	0.6	<10	0.13
67182 (3425347)	1.25	0.93	0.24	7.47	7.50	0.95	1	<1	0.29	<0.2	0.09	1.4	<10	0.12

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853630

PROJECT: 2021 Surimeau DDH Batch 89

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
67183 (3425348)	1.67	1.20	0.80	6.78	13.3	2.32	2	2	0.32	<0.2	2.39	9.2	98	0.17
67184 (3425349)	2.15	1.31	1.02	7.08	12.1	3.13	2	<1	0.45	<0.2	1.86	12.5	82	0.17
67185 (3425350)	0.93	0.67	0.18	6.60	8.25	0.83	2	<1	0.26	<0.2	0.91	0.4	31	0.10
67186 (3425351)	1.96	1.02	0.68	7.71	9.68	1.81	2	<1	0.39	<0.2	1.46	5.0	52	0.15
67187 (3425352)	2.39	1.56	0.78	8.94	12.9	2.14	1	<1	0.55	<0.2	0.24	2.1	14	0.19
67188 (3425353)	1.55	1.07	0.22	7.93	10.4	1.15	1	<1	0.35	<0.2	0.97	0.6	37	0.15
67189 (3425354)	1.42	0.97	0.24	7.17	10.9	1.40	2	<1	0.30	<0.2	3.23	1.7	109	0.17
67190 (3425355)	2.08	1.37	0.61	7.25	7.23	1.68	1	<1	0.45	<0.2	0.14	1.8	12	0.21
67191 (3425356)	2.20	1.75	0.77	6.84	9.02	1.98	1	<1	0.56	<0.2	0.38	2.5	21	0.27
67192 (3425357)	1.52	1.01	0.22	7.57	8.27	1.14	2	<1	0.31	<0.2	1.23	0.6	48	0.13
67193 (3425358)	1.60	0.97	0.25	7.06	10.4	1.25	2	<1	0.34	<0.2	3.03	1.6	101	0.15
67194 (3425359)	7.01	4.17	1.32	3.11	18.2	7.28	2	7	1.39	<0.2	1.54	37.9	13	0.62
67195 (3425360)	1.29	0.79	0.15	6.92	9.37	0.89	3	<1	0.27	<0.2	2.50	0.5	72	0.10
67196 (3425361)	1.19	0.75	0.15	6.86	7.69	1.07	3	<1	0.27	<0.2	0.07	0.8	<10	0.11
67197 (3425362)	1.03	0.61	0.12	6.90	5.95	0.83	3	<1	0.21	<0.2	<0.05	0.9	<10	0.11
67198 (3425363)	1.27	0.74	0.14	7.40	6.81	1.13	2	<1	0.26	<0.2	<0.05	0.7	<10	0.09
67199 (3425364)	0.96	0.90	0.19	7.07	8.19	0.84	2	<1	0.21	<0.2	<0.05	0.6	<10	0.10
67200 (3425365)	1.16	0.72	0.09	6.83	6.50	0.95	2	<1	0.27	<0.2	<0.05	0.3	<10	0.10

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853630

PROJECT: 2021 Surimeau DDH Batch 89

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
67151 (3425316)	9.86	1600	<2	1	3.8	1660	0.01	16	0.69	124	0.85	<0.1	48	19.7
67152 (3425317)	1.45	116	<2	<1	0.8	<5	<0.01	<5	0.22	0.3	0.57	<0.1	<5	4.62
67153 (3425318)	13.9	1640	<2	<1	2.2	1180	<0.01	<5	0.35	4.4	1.07	0.2	21	22.3
67154 (3425319)	14.1	1180	<2	<1	1.7	933	<0.01	<5	0.29	0.3	1.01	<0.1	23	21.4
67155 (3425320)	14.8	1270	<2	<1	2.0	1490	<0.01	<5	0.32	<0.2	1.17	<0.1	22	19.5
67156 (3425321)	15.1	1320	<2	<1	1.8	1140	<0.01	<5	0.31	0.3	0.75	<0.1	22	19.9
67157 (3425322)	15.2	1300	<2	<1	2.0	1020	<0.01	<5	0.26	0.4	0.71	<0.1	26	19.5
67158 (3425323)	15.1	1360	<2	<1	1.6	1350	<0.01	<5	0.29	0.3	0.80	<0.1	21	20.6
67159 (3425324)	14.6	1270	<2	<1	1.9	1300	<0.01	<5	0.38	0.2	1.15	<0.1	21	21.6
67160 (3425325)	14.7	1200	<2	<1	2.4	1340	<0.01	<5	0.44	2.2	1.56	<0.1	23	21.3
67161 (3425326)	15.2	1260	<2	<1	1.4	1410	<0.01	<5	0.23	14.3	1.15	<0.1	20	22.3
67162 (3425327)	15.2	1250	<2	<1	1.1	1450	<0.01	<5	0.21	14.9	1.16	<0.1	21	22.3
67163 (3425328)	15.3	1120	<2	<1	1.6	1260	<0.01	<5	0.29	12.6	1.06	<0.1	24	22.5
67164 (3425329)	15.5	1350	<2	<1	1.5	1430	<0.01	<5	0.28	2.9	0.99	<0.1	18	23.7
67165 (3425330)	15.2	1320	<2	<1	1.3	1420	<0.01	<5	0.30	2.5	0.97	<0.1	18	23.9
67166 (3425331)	14.1	1260	<2	<1	1.6	1300	<0.01	<5	0.33	55.6	0.33	<0.1	14	25.3
67167 (3425332)	12.7	1080	<2	1	1.7	1340	<0.01	8	0.42	110	0.22	<0.1	16	24.0
67168 (3425333)	11.7	1490	<2	<1	1.9	1140	<0.01	<5	0.33	85.4	0.20	<0.1	20	23.1
67169 (3425334)	10.5	1680	<2	1	5.2	1010	0.03	6	1.06	37.9	0.14	<0.1	23	24.0
67170 (3425335)	8.10	2410	<2	<1	2.7	844	0.03	10	0.43	19.0	0.43	<0.1	29	19.3
67171 (3425336)	14.3	1070	<2	<1	1.4	1310	0.01	<5	0.21	1.8	0.69	<0.1	19	22.7
67172 (3425337)	1.20	104	<2	<1	1.0	<5	<0.01	<5	0.21	0.5	0.58	<0.1	<5	5.08
67173 (3425338)	14.0	1160	<2	<1	1.4	1310	<0.01	<5	0.26	0.5	0.93	0.1	23	21.9
67174 (3425339)	12.2	1680	<2	<1	1.8	1250	0.01	<5	0.37	15.1	0.82	<0.1	24	18.1
67175 (3425340)	13.8	1070	<2	<1	1.3	1310	<0.01	<5	0.19	0.4	0.45	<0.1	20	21.4
67176 (3425341)	13.2	1230	<2	<1	1.5	1300	<0.01	<5	0.32	1.8	0.53	0.1	21	21.2
67177 (3425342)	13.3	1160	<2	<1	3.0	1110	<0.01	<5	0.59	3.9	0.72	<0.1	22	20.6
67178 (3425343)	13.3	1360	<2	<1	1.8	1040	<0.01	<5	0.33	1.4	0.89	<0.1	25	20.6
67179 (3425344)	14.5	1150	<2	<1	2.2	1250	<0.01	<5	0.45	1.0	1.09	<0.1	25	22.2
67180 (3425345)	13.4	1100	<2	1	4.8	985	0.02	8	1.00	110	0.70	<0.1	23	23.2
67181 (3425346)	14.4	1160	<2	<1	1.6	1170	<0.01	<5	0.22	0.4	0.77	<0.1	20	23.5
67182 (3425347)	12.4	1350	<2	<1	2.1	1220	<0.01	<5	0.47	4.9	0.79	<0.1	22	21.1

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853630

PROJECT: 2021 Surimeau DDH Batch 89

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
67183 (3425348)	11.0	1210	<2	2	12.1	830	0.02	8	2.70	109	0.13	<0.1	20	24.1
67184 (3425349)	11.1	1410	<2	2	16.1	833	0.08	8	3.75	82.7	0.18	<0.1	23	24.6
67185 (3425350)	13.4	1260	<2	<1	1.3	1280	<0.01	<5	0.25	44.3	0.52	<0.1	18	24.9
67186 (3425351)	9.44	1970	<2	1	6.7	975	0.04	9	1.55	68.0	0.36	<0.1	25	20.4
67187 (3425352)	6.29	2510	5	1	3.8	1120	0.01	9	0.75	5.9	0.22	<0.1	36	18.7
67188 (3425353)	12.0	1430	<2	<1	1.9	888	0.01	<5	0.35	41.4	0.32	<0.1	25	23.4
67189 (3425354)	12.8	1190	<2	<1	3.3	908	0.02	<5	0.67	138	0.44	<0.1	20	24.0
67190 (3425355)	5.13	3010	<2	<1	3.2	1120	<0.01	8	0.61	5.8	0.38	<0.1	29	19.9
67191 (3425356)	4.67	3800	<2	<1	3.6	993	<0.01	8	0.68	15.1	0.59	<0.1	26	17.2
67192 (3425357)	13.0	1490	<2	<1	2.1	1110	<0.01	<5	0.36	52.5	0.73	<0.1	24	23.6
67193 (3425358)	13.0	1210	<2	<1	3.5	916	0.01	<5	0.74	132	0.45	<0.1	21	24.3
67194 (3425359)	0.51	514	<2	12	35.4	<5	0.03	<5	9.14	48.6	0.18	<0.1	7	34.4
67195 (3425360)	13.1	1110	<2	<1	1.4	1060	<0.01	<5	0.25	112	0.65	<0.1	20	24.6
67196 (3425361)	14.2	1180	<2	<1	1.5	1160	<0.01	<5	0.34	5.4	0.63	<0.1	19	23.2
67197 (3425362)	14.5	1270	<2	<1	1.4	1400	<0.01	<5	0.27	1.0	0.68	<0.1	19	21.4
67198 (3425363)	16.2	1380	<2	<1	1.4	1430	<0.01	<5	0.27	1.0	0.27	<0.1	20	23.2
67199 (3425364)	14.5	1190	<2	<1	1.4	1290	<0.01	<5	0.27	2.4	0.63	<0.1	20	22.8
67200 (3425365)	13.8	1070	<2	<1	1.3	1190	0.01	23	0.24	1.3	0.48	<0.1	19	23.9

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853630

PROJECT: 2021 Surimeau DDH Batch 89

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
67151 (3425316)	1.4	1	347	<0.5	0.43	0.1	0.40	1.5	0.22	0.09	257	<1	14.0	1.7
67152 (3425317)	0.1	<1	73.2	<0.5	<0.05	0.1	<0.01	<0.5	<0.05	0.18	<5	<1	2.1	0.1
67153 (3425318)	0.7	<1	22.8	<0.5	0.22	<0.1	0.17	<0.5	0.13	0.07	113	<1	7.9	1.1
67154 (3425319)	0.8	<1	18.7	<0.5	0.20	<0.1	0.21	<0.5	0.11	<0.05	114	<1	7.1	0.8
67155 (3425320)	0.5	<1	88.8	<0.5	0.19	<0.1	0.19	<0.5	0.12	<0.05	115	<1	7.1	0.9
67156 (3425321)	0.7	<1	76.2	<0.5	0.19	<0.1	0.20	<0.5	0.15	<0.05	117	<1	7.7	0.8
67157 (3425322)	0.5	<1	68.2	<0.5	0.25	<0.1	0.21	<0.5	0.12	<0.05	134	<1	8.2	1.0
67158 (3425323)	0.6	<1	83.0	<0.5	0.21	<0.1	0.18	<0.5	0.11	<0.05	115	<1	6.3	0.7
67159 (3425324)	0.8	<1	49.0	<0.5	0.20	<0.1	0.17	<0.5	0.15	<0.05	104	<1	7.1	0.9
67160 (3425325)	1.0	2	19.6	<0.5	0.18	0.1	0.20	<0.5	0.14	0.09	124	<1	7.1	0.8
67161 (3425326)	0.5	<1	17.4	<0.5	0.14	<0.1	0.16	<0.5	0.09	0.10	101	<1	5.0	0.6
67162 (3425327)	0.5	<1	17.1	<0.5	0.13	<0.1	0.16	<0.5	0.10	0.10	106	<1	4.7	0.6
67163 (3425328)	0.7	<1	17.5	<0.5	0.18	<0.1	0.20	<0.5	0.10	0.09	115	<1	6.3	0.7
67164 (3425329)	0.5	<1	22.0	<0.5	0.16	<0.1	0.15	<0.5	0.11	0.06	93	<1	5.6	0.7
67165 (3425330)	0.5	<1	24.7	<0.5	0.17	<0.1	0.14	<0.5	0.11	0.06	88	<1	6.2	0.7
67166 (3425331)	0.7	<1	34.6	<0.5	0.17	<0.1	0.12	0.5	0.09	0.06	70	<1	5.6	0.6
67167 (3425332)	0.7	1	45.6	<0.5	0.19	<0.1	0.13	1.1	0.09	0.09	80	<1	6.7	0.7
67168 (3425333)	0.7	3	59.9	<0.5	0.21	<0.1	0.16	0.9	0.12	0.24	110	<1	6.6	0.8
67169 (3425334)	1.4	4	114	<0.5	0.27	0.7	0.19	<0.5	0.15	1.13	156	<1	8.2	1.0
67170 (3425335)	1.2	2	267	<0.5	0.26	0.1	0.26	<0.5	0.15	0.21	171	<1	10.7	1.1
67171 (3425336)	0.5	<1	23.8	<0.5	0.16	<0.1	0.15	<0.5	0.11	0.05	94	<1	5.6	0.6
67172 (3425337)	0.2	<1	71.3	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.14	<5	<1	1.9	0.1
67173 (3425338)	0.6	<1	26.2	<0.5	0.17	<0.1	0.19	<0.5	0.12	<0.05	121	<1	6.1	0.7
67174 (3425339)	0.7	<1	218	<0.5	0.19	<0.1	0.20	<0.5	0.14	<0.05	131	<1	8.3	1.0
67175 (3425340)	0.6	<1	40.8	<0.5	0.15	<0.1	0.16	<0.5	0.11	<0.05	107	<1	5.9	0.6
67176 (3425341)	0.7	<1	69.9	<0.5	0.16	<0.1	0.18	<0.5	0.11	0.07	109	<1	6.3	0.6
67177 (3425342)	1.0	<1	28.7	<0.5	0.23	0.3	0.18	<0.5	0.11	0.11	116	<1	7.4	0.9
67178 (3425343)	0.6	<1	55.9	<0.5	0.21	<0.1	0.22	<0.5	0.12	0.07	137	<1	8.2	0.9
67179 (3425344)	0.8	<1	37.5	<0.5	0.18	0.1	0.20	<0.5	0.11	0.09	117	<1	6.6	0.8
67180 (3425345)	1.3	<1	37.4	<0.5	0.24	0.7	0.21	1.2	0.12	0.18	128	<1	7.8	0.9
67181 (3425346)	0.6	<1	29.8	<0.5	0.18	<0.1	0.16	<0.5	0.10	<0.05	99	<1	6.6	0.9
67182 (3425347)	0.7	<1	96.2	<0.5	0.16	<0.1	0.19	<0.5	0.10	<0.05	109	<1	6.7	0.8

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853630

PROJECT: 2021 Surimeau DDH Batch 89

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
67183 (3425348)	2.2	3	261	<0.5	0.30	2.0	0.20	1.1	0.16	0.70	121	<1	9.1	1.0
67184 (3425349)	3.1	4	167	<0.5	0.48	1.9	0.24	0.9	0.18	0.77	143	<1	10.8	1.2
67185 (3425350)	0.4	<1	29.8	<0.5	0.19	<0.1	0.15	0.5	0.10	0.08	91	<1	5.4	0.7
67186 (3425351)	1.8	2	235	<0.5	0.35	0.8	0.26	0.8	0.17	0.25	141	<1	10.1	1.1
67187 (3425352)	1.4	1	288	<0.5	0.38	0.2	0.34	<0.5	0.23	0.15	207	<1	13.0	1.6
67188 (3425353)	0.7	<1	45.7	<0.5	0.24	<0.1	0.21	<0.5	0.16	0.06	133	<1	7.9	1.0
67189 (3425354)	0.9	<1	38.0	<0.5	0.22	0.3	0.18	1.5	0.15	0.37	129	<1	7.6	0.9
67190 (3425355)	1.0	<1	217	<0.5	0.30	<0.1	0.24	<0.5	0.22	<0.05	153	<1	13.1	1.4
67191 (3425356)	1.1	<1	248	<0.5	0.34	<0.1	0.21	<0.5	0.28	0.10	144	<1	15.9	1.7
67192 (3425357)	0.8	<1	41.9	<0.5	0.23	<0.1	0.19	0.6	0.12	0.12	116	<1	7.6	0.9
67193 (3425358)	0.9	1	37.8	<0.5	0.28	0.3	0.18	1.5	0.13	0.41	133	<1	7.4	0.9
67194 (3425359)	7.1	2	103	1.3	1.18	6.7	0.18	<0.5	0.66	1.38	27	8	36.4	4.2
67195 (3425360)	0.6	<1	33.2	<0.5	0.16	<0.1	0.16	1.1	0.09	0.11	104	<1	6.6	0.7
67196 (3425361)	0.7	<1	77.9	<0.5	0.17	<0.1	0.15	<0.5	0.12	0.13	94	<1	6.8	0.8
67197 (3425362)	0.4	<1	148	<0.5	0.15	<0.1	0.15	<0.5	0.10	<0.05	87	<1	5.7	0.7
67198 (3425363)	0.6	<1	72.3	<0.5	0.16	<0.1	0.16	<0.5	0.11	<0.05	92	<1	6.1	0.8
67199 (3425364)	0.6	<1	32.0	<0.5	0.16	<0.1	0.17	<0.5	0.11	0.10	98	<1	5.9	0.7
67200 (3425365)	0.6	18	31.2	<0.5	0.18	<0.1	0.15	<0.5	0.08	<0.05	97	<1	5.9	0.7

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853630

PROJECT: 2021 Surimeau DDH Batch 89

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
67151 (3425316)	217	31.9
67152 (3425317)	<5	1.3
67153 (3425318)	71	15.3
67154 (3425319)	43	17.6
67155 (3425320)	35	14.2
67156 (3425321)	37	20.3
67157 (3425322)	42	18.7
67158 (3425323)	39	12.9
67159 (3425324)	41	16.2
67160 (3425325)	52	17.5
67161 (3425326)	70	13.6
67162 (3425327)	73	13.3
67163 (3425328)	73	15.9
67164 (3425329)	92	13.6
67165 (3425330)	86	12.9
67166 (3425331)	131	7.5
67167 (3425332)	496	11.5
67168 (3425333)	329	14.1
67169 (3425334)	195	24.3
67170 (3425335)	85	20.7
67171 (3425336)	50	13.5
67172 (3425337)	<5	1.5
67173 (3425338)	50	15.4
67174 (3425339)	54	15.4
67175 (3425340)	48	14.0
67176 (3425341)	49	17.4
67177 (3425342)	59	21.2
67178 (3425343)	59	20.9
67179 (3425344)	48	18.6
67180 (3425345)	125	31.9
67181 (3425346)	53	14.6
67182 (3425347)	41	15.1

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853630

PROJECT: 2021 Surimeau DDH Batch 89

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
67183 (3425348)	103	51.0
67184 (3425349)	97	38.4
67185 (3425350)	44	11.4
67186 (3425351)	48	29.6
67187 (3425352)	56	24.9
67188 (3425353)	45	18.1
67189 (3425354)	69	16.3
67190 (3425355)	40	19.3
67191 (3425356)	39	17.1
67192 (3425357)	43	15.3
67193 (3425358)	57	13.7
67194 (3425359)	19	248
67195 (3425360)	45	11.5
67196 (3425361)	32	13.7
67197 (3425362)	28	11.1
67198 (3425363)	44	11.9
67199 (3425364)	32	14.3
67200 (3425365)	30	13.5

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853630

PROJECT: 2021 Surimeau DDH Batch 89

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Crush-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
67151 (3425316)	79.47
67170 (3425335)	80.95
67190 (3425355)	79.77

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853630

PROJECT: 2021 Surimeau DDH Batch 89

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Pul-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
67151 (3425316)	85.48
67170 (3425335)	85.69
67190 (3425355)	86.08

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 22O853630

PROJECT: 2021 Surimeau DDH Batch 89

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	3425316	< 1	<1	0.0%	3425330	< 1	<1	0.0%	3425341	< 1	<1	0.0%	3425356	5	<1	
Al	3425316	6.93	6.68	3.7%	3425330	2.48	2.47	0.4%	3425341	3.12	3.06	1.9%	3425356	3.59	3.53	1.7%
As	3425316	< 5	<5	0.0%	3425330	< 5	<5	0.0%	3425341	< 5	<5	0.0%	3425356	< 5	<5	0.0%
B	3425316	< 20	<20	0.0%	3425330	< 20	<20	0.0%	3425341	< 20	<20	0.0%	3425356	< 20	<20	0.0%
Ba	3425316	667	642	3.8%	3425330	6.6	6.6	0.0%	3425341	8.4	7.8	7.4%	3425356	118	117	0.9%
Be	3425316	< 5	<5	0.0%	3425330	< 5	<5	0.0%	3425341	< 5	<5	0.0%	3425356	< 5	<5	0.0%
Bi	3425316	0.7	0.7	0.0%	3425330	0.7	0.7	0.0%	3425341	0.4	0.4	0.0%	3425356	0.4	0.4	0.0%
Ca	3425316	4.24	4.34	2.3%	3425330	5.50	5.39	2.0%	3425341	6.67	6.42	3.8%	3425356	17.6	17.5	0.6%
Cd	3425316	< 0.2	<0.2	0.0%	3425330	< 0.2	<0.2	0.0%	3425341	< 0.2	<0.2	0.0%	3425356	< 0.2	<0.2	0.0%
Ce	3425316	4.5	4.8	6.5%	3425330	1.8	1.8	0.0%	3425341	1.9	2.0	5.1%	3425356	4.6	4.8	4.3%
Co	3425316	145	137	5.7%	3425330	94.0	91.9	2.3%	3425341	98.7	98.9	0.2%	3425356	98.8	101	2.2%
Cr	3425316	0.456	0.445	2.4%	3425330	0.200	0.198	1.0%	3425341	0.232	0.230	0.9%	3425356	0.251	0.249	0.8%
Cs	3425316	21.3	19.5	8.8%	3425330	0.7	0.6	15.4%	3425341	0.4	0.5	22.2%	3425356	2.1	2.0	4.9%
Cu	3425316	132	124	6.3%	3425330	123	122	0.8%	3425341	51	50	2.0%	3425356	58	56	3.5%
Dy	3425316	2.67	2.79	4.4%	3425330	1.30	1.12	14.9%	3425341	1.20	1.17	2.5%	3425356	2.20	2.20	0.0%
Er	3425316	1.94	1.89	2.6%	3425330	0.80	0.77	3.8%	3425341	0.77	0.75	2.6%	3425356	1.75	1.56	11.5%
Eu	3425316	0.67	0.64	4.6%	3425330	0.23	0.22	4.4%	3425341	0.15	0.18	18.2%	3425356	0.77	0.76	1.3%
Fe	3425316	9.70	9.44	2.7%	3425330	6.79	6.67	1.8%	3425341	7.36	7.19	2.3%	3425356	6.84	6.81	0.4%
Ga	3425316	14.0	12.6	10.5%	3425330	5.54	5.91	6.5%	3425341	7.76	7.46	3.9%	3425356	9.02	7.35	20.4%
Gd	3425316	2.29	2.24	2.2%	3425330	0.79	0.81	2.5%	3425341	0.92	1.00	8.3%	3425356	1.98	1.72	14.1%
Ge	3425316	2	2	0.0%	3425330	4	3	28.6%	3425341	3	2	40.0%	3425356	1	1	0.0%
Hf	3425316	< 1	<1	0.0%	3425330	< 1	<1	0.0%	3425341	< 1	<1	0.0%	3425356	< 1	<1	0.0%
Ho	3425316	0.61	0.59	3.3%	3425330	0.21	0.24	13.3%	3425341	0.24	0.27	11.8%	3425356	0.56	0.51	9.3%
In	3425316	< 0.2	<0.2	0.0%	3425330	< 0.2	<0.2	0.0%	3425341	< 0.2	<0.2	0.0%	3425356	< 0.2	<0.2	0.0%
K	3425316	2.79	2.63	5.9%	3425330	< 0.05	<0.05	0.0%	3425341	< 0.05	<0.05	0.0%	3425356	0.38	0.38	0.0%
La	3425316	2.0	2.1	4.9%	3425330	0.6	0.7	15.4%	3425341	0.7	0.7	0.0%	3425356	2.5	2.6	3.9%
Li	3425316	109	108	0.9%	3425330	< 10	<10	0.0%	3425341	< 10	<10	0.0%	3425356	21	21	0.0%
Lu	3425316	0.26	0.22	16.7%	3425330	0.12	0.10	18.2%	3425341	0.11	0.11	0.0%	3425356	0.27	0.22	20.4%
Mg	3425316	9.86	9.46	4.1%	3425330	15.2	14.9	2.0%	3425341	13.2	12.4	6.2%	3425356	4.67	4.78	2.3%
Mn	3425316	1600	1600	0.0%	3425330	1320	1300	1.5%	3425341	1230	1230	0.0%	3425356	3800	3770	0.8%
Mo	3425316	< 2	<2	0.0%	3425330	< 2	<2	0.0%	3425341	< 2	<2	0.0%	3425356	< 2	<2	0.0%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Nb	3425316	1	<1	15.9%	3425330	< 1	<1	0.0%	3425341	< 1	<1	0.0%	3425356	< 1	<1	0.0%
Nd	3425316	3.8	4.1	7.6%	3425330	1.3	1.3	0.0%	3425341	1.5	1.7	12.5%	3425356	3.6	3.7	2.7%
Ni	3425316	1660	1560	6.2%	3425330	1420	1370	3.6%	3425341	1300	1310	0.8%	3425356	993	978	1.5%
P	3425316	0.01	0.02	66.7%	3425330	< 0.01	<0.01	0.0%	3425341	< 0.01	<0.01	0.0%	3425356	< 0.01	<0.01	0.0%
Pb	3425316	16	17	6.1%	3425330	< 5	<5	0.0%	3425341	< 5	<5	0.0%	3425356	8	8	0.0%
Pr	3425316	0.69	0.70	1.4%	3425330	0.30	0.29	3.4%	3425341	0.32	0.28	13.3%	3425356	0.68	0.75	9.8%
Rb	3425316	124	113	9.3%	3425330	2.5	2.7	7.7%	3425341	1.8	2.0	10.5%	3425356	15.1	15.5	2.6%
S	3425316	0.85	0.80	6.1%	3425330	0.97	0.95	2.1%	3425341	0.53	0.54	1.9%	3425356	0.59	0.58	1.7%
Sb	3425316	< 0.1	<0.1	0.0%	3425330	< 0.1	<0.1	0.0%	3425341	0.1	<0.1	0.0%	3425356	< 0.1	<0.1	0.0%
Sc	3425316	48	47	2.1%	3425330	18	18	0.0%	3425341	21	21	0.0%	3425356	26	26	0.0%
Si	3425316	19.7	19.4	1.5%	3425330	23.9	23.8	0.4%	3425341	21.2	19.7	7.3%	3425356	17.2	17.0	1.2%
Sm	3425316	1.4	1.3	7.4%	3425330	0.5	0.7	33.3%	3425341	0.7	0.5	33.3%	3425356	1.1	1.2	8.7%
Sn	3425316	1	2	66.7%	3425330	< 1	<1	0.0%	3425341	< 1	<1	0.0%	3425356	< 1	1	
Sr	3425316	347	354	2.0%	3425330	24.7	24.1	2.5%	3425341	69.9	69.5	0.6%	3425356	248	246	0.8%
Ta	3425316	< 0.5	<0.5	0.0%	3425330	< 0.5	<0.5	0.0%	3425341	< 0.5	<0.5	0.0%	3425356	< 0.5	<0.5	0.0%
Tb	3425316	0.43	0.39	9.8%	3425330	0.17	0.17	0.0%	3425341	0.16	0.20	22.2%	3425356	0.34	0.33	3.0%
Th	3425316	0.1	0.1	0.0%	3425330	< 0.1	<0.1	0.0%	3425341	< 0.1	<0.1	0.0%	3425356	< 0.1	<0.1	0.0%
Ti	3425316	0.40	0.39	2.5%	3425330	0.14	0.14	0.0%	3425341	0.18	0.18	0.0%	3425356	0.21	0.21	2.0%
Tl	3425316	1.5	1.3	14.3%	3425330	< 0.5	<0.5	0.0%	3425341	< 0.5	<0.5	0.0%	3425356	< 0.5	<0.5	0.0%
Tm	3425316	0.22	0.25	12.8%	3425330	0.11	0.12	8.7%	3425341	0.11	0.12	7.9%	3425356	0.28	0.24	18.2%
U	3425316	0.09	0.06	40.0%	3425330	0.06	<0.05	18.1%	3425341	0.07	<0.05	33.5%	3425356	0.10	0.09	8.3%
V	3425316	257	248	3.6%	3425330	88	88	0.0%	3425341	109	109	0.3%	3425356	144	142	1.4%
W	3425316	< 1	<1	0.0%	3425330	< 1	<1	0.0%	3425341	< 1	<1	0.0%	3425356	< 1	<1	0.0%
Y	3425316	14.0	13.8	1.4%	3425330	6.2	6.0	3.3%	3425341	6.3	6.5	3.7%	3425356	15.9	16.0	0.8%
Yb	3425316	1.7	1.7	0.0%	3425330	0.7	0.7	0.0%	3425341	0.6	0.7	12.5%	3425356	1.7	1.6	7.4%
Zn	3425316	217	209	3.8%	3425330	86	82	4.8%	3425341	49	53	8.7%	3425356	39	34	12.3%
Zr	3425316	31.9	31.7	0.6%	3425330	12.9	12.0	7.2%	3425341	17.4	14.9	15.9%	3425356	17.1	16.5	3.5%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.OREAS-72B)				CRM #2 (ref.OREAS-74B)				CRM #3 (ref.OREAS-47)							
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Al	4.72	4.53	96%	80% - 120%	3.54	3.48	98%	80% - 120%	6.32	6.16	97%	80% - 120%				
Ba	335.0	326	97%	80% - 120%	210.0	222	106%	80% - 120%	473.0	480	102%	80% - 120%				
Ca	2.82	2.85	101%	80% - 120%	3.09	3.20	104%	80% - 120%	2.33	2.37	102%	80% - 120%				
Ce	43.5	44	100%	80% - 120%					56.0	61	109%	80% - 120%				
Co	138.0	132	95%	80% - 120%					56.0	52	94%	80% - 120%				
Cr	974.0	975	100%	80% - 120%	978.0	974	100%	80% - 120%								
Cs	3.16	3	86%	80% - 120%					2.01	2	99%	80% - 120%				
Cu	219.0	213	97%	80% - 120%	1021.0	1020	100%	80% - 120%								
Dy	2.74	2.5	91%	80% - 120%					2.11	2.1	99%	80% - 120%				
Er	1.69	1.5	91%	80% - 120%					1.16	1.2	100%	80% - 120%				
Eu	0.74	0.7	90%	80% - 120%					1.01	1.2	117%	80% - 120%				
Fe	6.97	6.98	100%	80% - 120%	12.6	12.8	101%	80% - 120%	2.78	2.91	105%	80% - 120%				
Ga	11.1	10	94%	80% - 120%					14.1	13	95%	80% - 120%				
Gd	2.75	2.9	106%	80% - 120%					2.83	3.0	108%	80% - 120%				
Ho	0.56	0.5	98%	80% - 120%					0.42	0.4	93%	80% - 120%				
K	1.13	1.02	91%	80% - 120%	0.72	0.642	89%	80% - 120%	1.18	1.14	96%	80% - 120%				
La	24.2	23.3	96%	80% - 120%					30.9	31.7	103%	80% - 120%				
Li					29.3	27.8	95%	80% - 120%								
Lu									0.16	0	86%	80% - 120%				
Mg	9.66	9.46	98%	80% - 120%	9.38	9.36	100%	80% - 120%	1.0	0.982	98%	80% - 120%				
Mn	1010.0	1000	99%	80% - 120%	930.0	960	103%	80% - 120%	496.0	535	108%	80% - 120%				
Mo									12.7	12	91%	80% - 120%				
Nb	5.48	5	94%	80% - 120%					17.9	17	97%	80% - 120%				
Nd	16.9	15.6	92%	80% - 120%					24.0	25.5	106%	80% - 120%				
Ni	7050.0	6750	96%	80% - 120%	34286.0	33300	97%	80% - 120%								
P	0.029	0.024	83%	80% - 120%					0.056	0.050	89%	80% - 120%				
Pb	14.1	15	103%	80% - 120%					284.0	287	101%	80% - 120%				
Pr	4.79	4.5	93%	80% - 120%					6.58	6.9	104%	80% - 120%				
Rb	47.2	39	83%	80% - 120%					37.6	35	94%	80% - 120%				
S	1.48	1.38	93%	80% - 120%	6.61	6.21	94%	80% - 120%								
Sc									9.27	9.03	97%	80% - 120%				

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Si	24.02	24.8	103%	80% - 120%	19.68	20.3	103%	80% - 120%	33.99	35.8	105%	80% - 120%				
Sm	2.99	3.1	104%	80% - 120%					4.01	4.2	105%	80% - 120%				
Sn									6.14	7	118%	80% - 120%				
Sr	61.0	56.1	92%	80% - 120%	54.0	51.1	95%	80% - 120%	402.0	374	93%	80% - 120%				
Tb	0.46	0.4	90%	80% - 120%					0.39	0.4	102%	80% - 120%				
Th	10.3	11	108%	80% - 120%					3.84	4	104%	80% - 120%				
Ti	0.208	0.211	101%	80% - 120%	0.15	0.152	101%	80% - 120%	0.23	0.230	100%	80% - 120%				
Tm	0.26	0.2	83%	80% - 120%					0.17	0.2	117%	80% - 120%				
U	4.76	5	112%	80% - 120%												
V	77.0	74.6	97%	80% - 120%	62.0	67.5	109%	80% - 120%	61.0	62.4	102%	80% - 120%				
Y	15.3	13.4	88%	80% - 120%					11.6	10.5	90%	80% - 120%				
Yb	1.64	1.5	94%	80% - 120%					1.08	1.1	101%	80% - 120%				
Zn	90.0	90.9	101%	80% - 120%	133.0	138	104%	80% - 120%	217.0	208	95%	80% - 120%				
Zr	86.0	82.8	96%	80% - 120%					161.0	157	97%	80% - 120%				

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED
AGAT WORK ORDER: 22O853630
PROJECT: 2021 Surimeau DDH Batch 89
ATTENTION TO: Francis Newton
SAMPLING SITE:
SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O853630

PROJECT: 2021 Surimeau DDH Batch 89

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O853630

PROJECT: 2021 Surimeau DDH Batch 89

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Crush-Pass %			BALANCE
Pul-Pass %			BALANCE

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 90

AGAT WORK ORDER: 22O853632

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Mar 10, 2022

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

Disclaimer:

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project Manager if you require additional sample storage time.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
- The test results reported herewith relate only to the samples as received by the laboratory.
- Measurement Uncertainty is not taken into consideration when stating conformity with a specified requirement.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853632

PROJECT: 2021 Surimeau DDH Batch 90

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
67201 (3425377)	2.940
67202 (3425378)	1.320
67203 (3425379)	2.380
67204 (3425380)	2.630
67205 (3425381)	0.060
67206 (3425382)	3.980
67207 (3425383)	3.820
67208 (3425384)	2.800
67209 (3425385)	4.010
67210 (3425386)	3.950
67211 (3425387)	3.810
67212 (3425388)	<0.005
67213 (3425389)	3.910
67214 (3425390)	2.600
67215 (3425391)	0.940
67216 (3425392)	2.390
67217 (3425393)	3.170
67218 (3425394)	3.530
67219 (3425395)	3.240
67220 (3425396)	3.630
67221 (3425397)	3.430
67222 (3425398)	<0.005
67223 (3425399)	3.310
67224 (3425400)	3.670
67225 (3425401)	2.300
67226 (3425402)	2.970
67227 (3425403)	2.110
67228 (3425404)	2.790
67229 (3425405)	3.090
67230 (3425406)	3.630
67231 (3425407)	3.600

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853632

PROJECT: 2021 Surimeau DDH Batch 90

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
67232 (3425408)	3.680
67233 (3425409)	2.800
67234 (3425410)	2.430
67235 (3425411)	3.440
67236 (3425412)	2.350
67237 (3425413)	2.630
67238 (3425414)	2.170
67239 (3425415)	2.220
67240 (3425416)	2.570
67241 (3425417)	2.590
67242 (3425418)	1.010
67243 (3425419)	2.760
67244 (3425420)	3.360
67245 (3425421)	<0.005
67246 (3425422)	3.250
67247 (3425423)	2.490
67248 (3425424)	1.250
67249 (3425425)	2.360
67250 (3425426)	2.060

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853632

PROJECT: 2021 Surimeau DDH Batch 90

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
67201 (3425377)	<1	3.59	<5	23	676	<5	0.3	5.93	<0.2	19.3	69.5	0.152	12.5	15
67202 (3425378)	<1	0.06	<5	<20	15.4	<5	<0.1	33.7	<0.2	1.0	<0.5	<0.005	<0.1	<5
67203 (3425379)	<1	3.31	<5	25	329	<5	0.2	11.1	<0.2	3.0	81.6	0.212	2.7	12
67204 (3425380)	<1	3.86	<5	<20	102	<5	0.8	14.9	<0.2	3.6	109	0.266	0.1	53
67205 (3425381)	3	0.95	21	138	59.1	<5	0.6	2.20	1.1	10.4	1130	0.019	0.6	13100
67206 (3425382)	<1	3.27	<5	22	228	<5	0.4	12.7	<0.2	4.2	90.5	0.241	4.7	12
67207 (3425383)	<1	2.77	<5	26	180	<5	0.3	6.10	<0.2	1.8	81.8	0.188	9.8	67
67208 (3425384)	<1	3.55	<5	26	4.8	<5	0.3	4.83	<0.2	1.7	95.4	0.238	0.6	97
67209 (3425385)	<1	3.30	<5	25	2.4	<5	0.4	5.14	<0.2	1.4	88.0	0.226	0.4	58
67210 (3425386)	<1	3.09	<5	31	119	<5	0.3	6.83	<0.2	2.2	86.0	0.211	4.8	58
67211 (3425387)	<1	2.67	<5	29	2.9	<5	0.6	4.11	<0.2	1.5	89.1	0.193	0.6	43
67212 (3425388)	<1	2.60	<5	30	2.8	<5	0.6	4.01	<0.2	1.5	90.3	0.188	0.9	42
67213 (3425389)	<1	2.30	<5	27	1.5	<5	0.7	4.04	<0.2	2.0	87.5	0.181	0.7	15
67214 (3425390)	<1	2.36	<5	23	3.5	<5	0.4	5.34	<0.2	1.7	86.3	0.186	0.5	98
67215 (3425391)	<1	2.31	<5	23	3.4	<5	0.4	5.36	<0.2	1.6	84.6	0.179	0.5	87
67216 (3425392)	<1	3.02	<5	29	25.6	<5	0.4	4.82	<0.2	1.7	99.6	0.231	1.5	131
67217 (3425393)	<1	3.52	<5	25	600	<5	0.3	5.21	<0.2	2.5	78.6	0.231	17.5	46
67218 (3425394)	<1	2.96	<5	24	443	<5	0.3	4.70	<0.2	1.6	81.9	0.205	16.8	90
67219 (3425395)	<1	2.66	<5	<20	175	<5	0.5	4.50	<0.2	1.8	84.1	0.202	8.1	62
67220 (3425396)	<1	2.28	<5	24	25.3	<5	0.5	4.55	<0.2	1.5	78.4	0.180	1.3	30
67221 (3425397)	<1	2.82	<5	26	2.3	<5	0.5	4.29	<0.2	1.3	90.5	0.205	0.5	55
67222 (3425398)	<1	2.83	<5	23	2.9	<5	0.5	4.23	<0.2	1.4	90.3	0.209	0.5	56
67223 (3425399)	<1	3.21	<5	31	5.9	<5	0.4	4.01	<0.2	1.6	89.2	0.222	0.6	66
67224 (3425400)	<1	2.46	<5	23	33.3	<5	0.6	3.50	<0.2	1.0	88.2	0.192	2.1	12
67225 (3425401)	<1	2.88	<5	24	375	<5	0.3	4.46	<0.2	1.1	77.0	0.187	15.5	30
67226 (3425402)	<1	3.08	<5	27	502	<5	0.3	5.47	<0.2	1.5	81.9	0.184	17.3	10
67227 (3425403)	<1	2.27	<5	21	295	<5	0.3	6.34	<0.2	2.1	77.5	0.189	10.6	19
67228 (3425404)	<1	2.40	<5	22	307	<5	0.2	5.60	<0.2	1.6	65.6	0.161	14.1	57
67229 (3425405)	<1	2.67	<5	24	35.2	<5	0.5	3.44	<0.2	1.1	86.4	0.197	2.0	40
67230 (3425406)	<1	2.21	<5	28	0.8	<5	0.7	4.11	<0.2	1.7	88.9	0.189	0.6	7
67231 (3425407)	<1	2.61	<5	30	1.1	<5	0.7	4.03	<0.2	2.6	89.4	0.190	0.6	18
67232 (3425408)	<1	3.47	<5	27	5.7	<5	0.3	4.71	<0.2	8.6	86.2	0.188	0.9	68

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853632

PROJECT: 2021 Surimeau DDH Batch 90

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
67233 (3425409)	<1	3.08	<5	27	1.5	<5	0.4	5.39	<0.2	1.7	86.3	0.225	0.5	55
67234 (3425410)	<1	3.26	<5	30	30.2	<5	0.3	5.76	<0.2	2.1	89.6	0.260	2.2	40
67235 (3425411)	<1	5.33	<5	34	463	<5	1.0	6.89	<0.2	3.0	123	0.283	14.6	28
67236 (3425412)	<1	3.30	<5	20	310	<5	0.4	13.1	<0.2	2.5	86.2	0.227	2.0	46
67237 (3425413)	<1	4.84	<5	36	78.0	<5	0.8	7.69	<0.2	2.8	153	0.425	0.1	105
67238 (3425414)	<1	2.70	<5	24	355	<5	0.5	6.16	<0.2	1.0	76.8	0.186	9.5	66
67239 (3425415)	<1	3.49	<5	28	495	<5	0.8	5.57	<0.2	2.9	82.8	0.207	12.0	115
67240 (3425416)	<1	7.42	<5	22	745	<5	0.2	4.91	<0.2	69.7	39.7	0.061	4.3	77
67241 (3425417)	<1	6.00	<5	30	848	<5	0.3	6.66	<0.2	41.0	46.2	0.069	3.4	106
67242 (3425418)	<1	5.69	<5	30	905	<5	0.2	6.56	<0.2	41.8	47.8	0.066	3.8	96
67243 (3425419)	<1	6.40	<5	25	761	<5	0.3	6.82	0.3	47.2	41.5	0.033	1.4	173
67244 (3425420)	<1	6.76	<5	27	897	<5	0.6	5.92	1.8	61.2	45.1	0.040	2.6	242
67245 (3425421)	<1	6.72	<5	27	908	<5	0.6	5.97	1.8	65.5	48.4	0.030	2.9	232
67246 (3425422)	<1	6.27	<5	26	910	<5	0.2	7.01	<0.2	62.7	41.5	0.052	5.1	86
67247 (3425423)	<1	6.51	<5	30	894	<5	1.5	5.07	2.5	69.1	49.1	0.041	0.4	315
67248 (3425424)	<1	7.49	<5	29	846	<5	1.0	4.51	6.5	71.6	59.4	0.023	0.3	283
67249 (3425425)	<1	7.24	<5	26	320	<5	1.0	3.26	14.2	69.7	82.2	0.016	<0.1	607
67250 (3425426)	<1	6.89	<5	36	259	<5	0.8	2.98	18.4	61.7	95.5	0.026	0.1	578

Certified By: Sherin Moussa

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853632

PROJECT: 2021 Surimeau DDH Batch 90

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
67201 (3425377)	1.97	1.36	0.64	6.51	10.6	2.37	2	1	0.39	<0.2	1.76	8.0	83	0.25
67202 (3425378)	0.22	0.13	0.06	0.10	0.21	0.20	1	<1	<0.05	<0.2	<0.05	1.1	<10	<0.05
67203 (3425379)	1.35	0.95	0.43	6.82	8.55	1.17	2	<1	0.32	<0.2	0.66	1.8	39	0.13
67204 (3425380)	2.13	1.44	0.50	5.80	8.82	1.71	1	<1	0.48	<0.2	0.16	1.8	15	0.24
67205 (3425381)	0.87	0.49	0.29	32.9	3.19	0.98	<1	<1	0.20	<0.2	0.07	5.3	<10	0.08
67206 (3425382)	1.76	1.26	0.51	6.07	9.63	1.46	2	<1	0.39	<0.2	0.86	2.1	37	0.20
67207 (3425383)	1.24	0.82	0.15	6.87	7.64	0.89	2	<1	0.26	<0.2	1.27	0.7	46	0.11
67208 (3425384)	1.28	0.84	0.11	7.64	7.75	0.93	2	<1	0.29	<0.2	<0.05	0.7	<10	0.13
67209 (3425385)	1.16	0.71	0.11	7.11	8.04	0.92	2	<1	0.22	<0.2	<0.05	0.5	<10	0.10
67210 (3425386)	1.35	0.97	0.28	7.52	7.63	1.03	2	<1	0.31	<0.2	0.66	1.0	25	0.14
67211 (3425387)	0.87	0.58	0.15	6.63	7.73	0.89	3	<1	0.20	<0.2	<0.05	0.5	<10	0.10
67212 (3425388)	0.87	0.59	0.18	6.46	8.38	0.73	2	<1	0.19	<0.2	<0.05	0.5	<10	0.09
67213 (3425389)	0.92	0.64	0.16	6.35	6.70	0.73	2	<1	0.19	<0.2	<0.05	0.7	<10	0.08
67214 (3425390)	1.05	0.84	0.18	6.57	6.18	0.82	2	<1	0.24	<0.2	<0.05	0.5	<10	0.12
67215 (3425391)	1.20	0.80	0.21	6.41	6.03	0.92	3	<1	0.26	<0.2	<0.05	0.6	<10	0.10
67216 (3425392)	1.28	0.90	0.24	7.37	7.99	1.09	2	<1	0.29	<0.2	0.15	0.6	<10	0.12
67217 (3425393)	1.40	0.95	0.32	7.21	10.6	1.18	2	<1	0.30	<0.2	2.72	0.9	105	0.14
67218 (3425394)	1.12	0.75	0.20	6.74	9.18	0.97	2	<1	0.24	<0.2	2.41	0.5	86	0.10
67219 (3425395)	1.04	0.71	0.23	6.35	8.83	0.75	2	<1	0.23	<0.2	1.06	0.7	30	0.09
67220 (3425396)	1.06	0.69	0.20	6.11	6.79	0.84	2	<1	0.24	<0.2	0.13	0.5	<10	0.11
67221 (3425397)	1.06	0.76	0.19	6.96	6.49	0.81	2	<1	0.25	<0.2	<0.05	0.5	<10	0.11
67222 (3425398)	1.06	0.71	0.16	6.93	6.73	0.82	2	<1	0.24	<0.2	<0.05	0.5	<10	0.12
67223 (3425399)	1.37	0.88	0.24	7.15	8.03	0.99	2	<1	0.27	<0.2	<0.05	0.6	<10	0.11
67224 (3425400)	0.94	0.55	0.13	6.55	7.22	0.70	2	<1	0.19	<0.2	0.22	0.3	<10	0.08
67225 (3425401)	1.08	0.67	0.26	6.40	9.23	0.77	2	<1	0.24	<0.2	2.35	0.3	56	0.09
67226 (3425402)	1.03	0.69	0.47	6.66	12.4	0.81	3	<1	0.21	<0.2	2.55	0.4	75	0.08
67227 (3425403)	1.40	0.98	0.49	6.34	9.18	1.14	3	<1	0.32	<0.2	1.56	0.5	46	0.14
67228 (3425404)	1.13	0.84	0.28	5.84	8.39	0.85	3	<1	0.25	<0.2	2.04	0.5	51	0.11
67229 (3425405)	1.01	0.65	0.15	6.80	9.12	0.73	3	<1	0.20	<0.2	0.23	0.4	<10	0.11
67230 (3425406)	0.98	0.57	0.18	6.56	4.89	0.82	2	<1	0.22	<0.2	<0.05	0.7	<10	0.10
67231 (3425407)	0.93	0.63	0.20	6.82	6.48	0.84	2	<1	0.19	<0.2	<0.05	1.0	<10	0.09
67232 (3425408)	1.46	0.92	0.21	6.81	8.47	1.33	3	<1	0.29	<0.2	0.06	4.1	<10	0.13

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853632

PROJECT: 2021 Surimeau DDH Batch 90

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
67233 (3425409)	1.07	0.70	0.21	6.75	6.94	0.82	3	<1	0.26	<0.2	<0.05	0.6	<10	0.10
67234 (3425410)	1.46	1.05	0.37	7.79	6.80	1.20	2	<1	0.34	<0.2	0.26	0.7	11	0.14
67235 (3425411)	2.14	1.39	0.54	8.36	11.6	1.50	1	<1	0.46	<0.2	2.19	1.2	91	0.20
67236 (3425412)	1.22	0.96	0.32	6.85	8.10	1.16	2	<1	0.29	<0.2	0.56	1.3	20	0.13
67237 (3425413)	2.13	1.48	0.44	9.57	10.4	1.67	2	<1	0.47	<0.2	0.13	1.0	10	0.23
67238 (3425414)	0.88	0.74	0.14	6.00	9.45	0.68	3	<1	0.18	<0.2	2.12	0.2	58	0.08
67239 (3425415)	1.08	0.65	0.18	6.94	11.1	0.96	3	<1	0.25	<0.2	2.77	1.1	80	0.10
67240 (3425416)	2.70	1.32	1.73	6.12	21.5	4.72	2	3	0.46	<0.2	1.27	32.1	44	0.16
67241 (3425417)	3.36	1.93	1.31	7.77	16.8	4.10	2	2	0.62	<0.2	1.22	18.6	36	0.26
67242 (3425418)	2.91	1.77	1.22	7.52	15.8	4.03	2	2	0.62	<0.2	1.31	19.2	38	0.22
67243 (3425419)	3.40	2.03	1.40	7.47	14.5	4.35	2	2	0.68	<0.2	0.73	22.1	22	0.27
67244 (3425420)	3.53	2.09	1.60	7.43	18.2	5.11	3	3	0.74	0.3	1.33	28.7	31	0.33
67245 (3425421)	3.84	2.11	1.73	7.56	20.5	5.03	2	3	0.74	0.3	1.37	31.4	31	0.34
67246 (3425422)	3.80	2.12	1.72	7.51	17.2	5.07	3	3	0.72	<0.2	2.29	28.3	63	0.26
67247 (3425423)	3.92	2.22	1.85	7.52	19.3	5.44	3	3	0.73	0.4	0.90	31.9	13	0.33
67248 (3425424)	4.57	2.86	2.08	7.37	19.0	5.58	2	4	0.88	0.8	0.51	34.2	<10	0.42
67249 (3425425)	3.90	2.33	2.02	8.31	22.3	4.44	1	4	0.74	1.7	0.20	33.4	<10	0.35
67250 (3425426)	3.63	2.06	1.99	8.90	21.2	4.11	<1	4	0.69	2.6	0.11	29.5	<10	0.34

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853632

PROJECT: 2021 Surimeau DDH Batch 90

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
67201 (3425377)	10.8	1290	<2	2	10.6	889	0.05	<5	2.42	83.8	0.19	<0.1	21	21.7
67202 (3425378)	1.96	115	<2	<1	0.8	<5	<0.01	<5	0.20	0.5	0.42	0.2	<5	4.22
67203 (3425379)	7.85	2210	<2	<1	2.2	1050	0.01	11	0.48	26.6	0.18	<0.1	23	19.6
67204 (3425380)	3.54	2950	<2	<1	3.0	1270	0.01	13	0.52	3.5	0.32	0.2	28	17.4
67205 (3425381)	1.68	535	<2	1	4.8	21500	0.01	38	1.26	3.6	19.0	0.2	7	6.52
67206 (3425382)	7.40	2310	<2	2	3.0	1240	0.04	10	0.62	37.5	0.22	<0.1	26	18.1
67207 (3425383)	12.1	1230	<2	<1	1.6	988	0.02	<5	0.29	63.4	0.84	<0.1	21	20.5
67208 (3425384)	13.7	1050	<2	<1	1.6	1210	0.01	<5	0.26	2.1	1.16	<0.1	25	19.6
67209 (3425385)	14.2	1130	<2	<1	1.3	1170	<0.01	<5	0.24	1.4	0.78	0.2	23	20.5
67210 (3425386)	12.4	1430	<2	<1	1.9	1090	0.02	<5	0.34	31.3	1.12	<0.1	23	18.8
67211 (3425387)	14.9	1260	<2	<1	1.3	1390	<0.01	<5	0.20	1.7	0.52	0.3	19	21.1
67212 (3425388)	14.3	1240	<2	<1	1.2	1390	<0.01	<5	0.22	1.8	0.50	0.2	19	20.5
67213 (3425389)	15.6	1250	<2	<1	1.6	1430	<0.01	<5	0.29	1.2	0.20	<0.1	17	20.4
67214 (3425390)	14.2	1210	<2	<1	1.7	1270	0.02	<5	0.26	1.6	0.60	0.1	19	21.0
67215 (3425391)	14.1	1220	<2	<1	1.5	1200	<0.01	<5	0.25	1.4	0.56	<0.1	19	20.4
67216 (3425392)	13.6	1010	<2	<1	1.8	1320	0.02	<5	0.30	8.5	1.25	0.3	24	19.9
67217 (3425393)	11.6	1310	<2	<1	1.9	849	0.02	<5	0.36	131	0.55	0.2	25	21.0
67218 (3425394)	12.5	980	<2	<1	1.5	1080	0.01	<5	0.26	121	0.77	<0.1	21	21.3
67219 (3425395)	13.9	1110	<2	<1	1.4	1330	<0.01	<5	0.26	53.6	0.61	<0.1	19	21.7
67220 (3425396)	14.5	1200	<2	<1	1.7	1330	<0.01	<5	0.24	7.3	0.38	<0.1	17	21.7
67221 (3425397)	14.5	1290	<2	<1	1.3	1310	<0.01	<5	0.21	1.2	0.56	<0.1	21	19.8
67222 (3425398)	14.6	1280	<2	<1	1.3	1320	0.01	<5	0.24	1.3	0.57	0.1	21	19.5
67223 (3425399)	14.2	1070	<2	<1	1.4	1070	0.02	<5	0.25	1.9	0.70	<0.1	24	18.4
67224 (3425400)	14.8	1330	<2	<1	1.1	1480	<0.01	<5	0.19	11.6	0.24	0.3	19	21.6
67225 (3425401)	13.1	1040	<2	<1	1.3	1150	<0.01	<5	0.21	115	0.45	<0.1	18	22.2
67226 (3425402)	12.4	1260	<2	1	1.5	1140	<0.01	<5	0.31	122	0.27	0.2	17	22.5
67227 (3425403)	11.9	1310	<2	<1	1.9	968	<0.01	<5	0.32	74.3	0.34	<0.1	21	22.5
67228 (3425404)	12.7	1030	<2	<1	1.6	835	0.03	<5	0.27	95.7	0.49	0.2	18	22.5
67229 (3425405)	14.6	1210	<2	<1	1.1	1310	0.01	<5	0.18	11.2	0.33	<0.1	20	20.8
67230 (3425406)	16.0	1210	<2	<1	1.3	1530	<0.01	<5	0.27	0.9	0.14	0.1	18	19.5
67231 (3425407)	16.0	1320	<2	<1	1.8	1490	<0.01	<5	0.37	1.3	0.21	0.3	18	22.2
67232 (3425408)	14.4	927	<2	<1	5.1	1170	0.03	<5	1.11	3.0	0.65	0.3	24	21.3

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853632

PROJECT: 2021 Surimeau DDH Batch 90

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
67233 (3425409)	13.8	978	<2	<1	1.4	1240	<0.01	<5	0.27	1.0	0.73	<0.1	22	21.6
67234 (3425410)	12.7	1380	<2	<1	1.9	893	0.02	<5	0.36	12.3	0.70	<0.1	25	20.4
67235 (3425411)	8.54	2110	<2	<1	2.5	1280	0.01	9	0.45	99.9	0.28	<0.1	36	20.2
67236 (3425412)	7.66	2090	3	<1	1.9	1140	0.01	12	0.32	22.3	0.94	<0.1	24	19.5
67237 (3425413)	4.31	2660	<2	<1	2.8	2200	0.01	8	0.47	1.0	0.71	<0.1	40	24.6
67238 (3425414)	11.7	1180	24	<1	1.2	1120	<0.01	<5	0.20	87.3	0.63	<0.1	18	23.3
67239 (3425415)	11.5	1260	77	<1	1.9	1210	<0.01	13	0.44	116	0.76	<0.1	21	23.0
67240 (3425416)	5.33	1060	67	5	35.1	193	0.15	21	8.79	55.8	0.73	<0.1	20	25.2
67241 (3425417)	5.99	1490	238	3	21.7	123	0.13	17	5.16	55.7	1.45	<0.1	37	23.7
67242 (3425418)	6.27	1480	8	3	22.0	153	0.12	14	5.23	60.5	1.26	<0.1	37	23.0
67243 (3425419)	4.50	1370	9	4	24.4	20	0.14	27	5.96	28.5	2.22	<0.1	36	24.6
67244 (3425420)	3.75	1220	15	5	31.2	44	0.14	33	7.63	60.1	2.51	<0.1	31	23.5
67245 (3425421)	3.74	1240	16	5	32.8	49	0.13	34	7.91	62.7	2.45	<0.1	31	23.7
67246 (3425422)	5.57	1520	<2	5	31.5	55	0.18	18	7.77	109	1.12	<0.1	35	23.5
67247 (3425423)	3.43	1170	7	6	34.6	75	0.14	33	8.39	26.2	3.34	0.1	27	23.5
67248 (3425424)	2.38	829	27	6	34.0	120	0.10	56	8.65	16.8	3.87	<0.1	24	24.1
67249 (3425425)	1.04	488	147	7	30.4	240	0.05	20	8.04	2.5	4.71	<0.1	19	25.1
67250 (3425426)	0.77	467	168	7	26.9	277	0.05	18	7.14	1.1	5.13	0.2	17	24.1

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853632

PROJECT: 2021 Surimeau DDH Batch 90

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
67201 (3425377)	2.5	1	209	<0.5	0.32	2.0	0.22	1.0	0.21	0.64	131	<1	9.9	1.1
67202 (3425378)	0.2	<1	69.2	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.17	<5	<1	2.0	0.1
67203 (3425379)	0.8	1	184	<0.5	0.20	<0.1	0.18	<0.5	0.11	0.08	134	<1	8.1	0.8
67204 (3425380)	1.1	<1	258	<0.5	0.31	<0.1	0.23	<0.5	0.20	0.06	147	<1	14.2	1.4
67205 (3425381)	0.9	2	27.4	<0.5	0.15	0.9	0.10	<0.5	0.06	0.19	58	4	4.5	0.5
67206 (3425382)	1.0	2	427	<0.5	0.26	0.2	0.20	<0.5	0.18	0.33	150	<1	12.8	1.3
67207 (3425383)	0.6	<1	59.6	<0.5	0.17	<0.1	0.15	0.7	0.11	0.07	117	<1	6.5	0.8
67208 (3425384)	0.6	<1	24.6	<0.5	0.18	<0.1	0.21	<0.5	0.14	<0.05	132	<1	7.0	0.8
67209 (3425385)	0.6	<1	24.0	<0.5	0.16	<0.1	0.19	<0.5	0.09	<0.05	127	<1	6.5	0.7
67210 (3425386)	0.7	<1	138	<0.5	0.22	<0.1	0.19	<0.5	0.13	<0.05	126	<1	7.5	0.9
67211 (3425387)	0.5	<1	26.8	<0.5	0.15	<0.1	0.15	<0.5	0.08	<0.05	102	<1	5.3	0.6
67212 (3425388)	0.4	<1	26.3	<0.5	0.13	<0.1	0.15	<0.5	0.08	<0.05	98	<1	5.2	0.5
67213 (3425389)	0.5	<1	63.0	<0.5	0.13	<0.1	0.13	<0.5	0.09	<0.05	89	<1	5.2	0.5
67214 (3425390)	0.6	<1	65.2	<0.5	0.17	<0.1	0.15	<0.5	0.12	<0.05	96	<1	6.9	0.7
67215 (3425391)	0.7	<1	73.0	<0.5	0.18	<0.1	0.14	<0.5	0.11	<0.05	92	<1	6.5	0.7
67216 (3425392)	0.8	<1	35.8	<0.5	0.20	<0.1	0.20	<0.5	0.13	0.07	122	<1	7.8	0.8
67217 (3425393)	0.6	<1	71.3	<0.5	0.21	<0.1	0.20	1.4	0.13	0.37	143	<1	8.3	0.8
67218 (3425394)	0.6	<1	41.5	<0.5	0.18	<0.1	0.16	1.3	0.10	0.09	109	<1	6.1	0.7
67219 (3425395)	0.7	<1	41.8	<0.5	0.15	<0.1	0.15	0.6	0.10	0.07	98	<1	5.6	0.6
67220 (3425396)	0.6	<1	31.0	<0.5	0.17	<0.1	0.13	<0.5	0.08	0.06	89	<1	6.1	0.7
67221 (3425397)	0.5	<1	62.7	<0.5	0.18	<0.1	0.16	<0.5	0.11	<0.05	113	<1	6.0	0.7
67222 (3425398)	0.6	<1	62.7	<0.5	0.16	<0.1	0.16	<0.5	0.11	<0.05	112	<1	6.2	0.7
67223 (3425399)	0.6	<1	59.8	<0.5	0.20	<0.1	0.19	<0.5	0.11	<0.05	129	<1	7.2	0.8
67224 (3425400)	0.5	<1	24.8	<0.5	0.13	<0.1	0.13	<0.5	0.09	<0.05	87	<1	5.4	0.6
67225 (3425401)	0.5	<1	30.3	<0.5	0.12	<0.1	0.14	1.2	0.09	0.07	92	<1	5.7	0.6
67226 (3425402)	0.6	1	44.9	<0.5	0.16	<0.1	0.18	1.4	0.09	0.08	125	<1	5.9	0.7
67227 (3425403)	0.8	1	52.3	<0.5	0.22	<0.1	0.12	0.9	0.12	0.13	132	<1	8.0	0.9
67228 (3425404)	0.7	<1	43.0	<0.5	0.16	<0.1	0.14	1.0	0.09	0.16	96	<1	6.7	0.7
67229 (3425405)	0.5	<1	28.6	<0.5	0.13	<0.1	0.16	<0.5	0.09	0.07	105	<1	5.5	0.6
67230 (3425406)	0.3	<1	114	<0.5	0.14	<0.1	0.13	<0.5	0.09	<0.05	86	<1	5.3	0.6
67231 (3425407)	0.5	<1	75.4	<0.5	0.17	0.1	0.14	<0.5	0.10	<0.05	102	<1	5.2	0.6
67232 (3425408)	1.1	<1	34.2	<0.5	0.19	0.8	0.24	<0.5	0.12	0.12	136	<1	7.3	0.8

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853632

PROJECT: 2021 Surimeau DDH Batch 90

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
67233 (3425409)	0.5	<1	34.0	<0.5	0.15	<0.1	0.18	<0.5	0.10	0.06	117	<1	6.2	0.7
67234 (3425410)	0.8	<1	71.4	<0.5	0.25	<0.1	0.22	<0.5	0.14	<0.05	150	<1	8.7	1.0
67235 (3425411)	1.0	<1	247	<0.5	0.30	<0.1	0.31	1.2	0.18	<0.05	208	<1	11.9	1.4
67236 (3425412)	0.7	2	338	<0.5	0.20	<0.1	0.19	<0.5	0.12	0.06	142	<1	7.8	0.9
67237 (3425413)	1.0	<1	149	<0.5	0.31	<0.1	0.32	<0.5	0.21	<0.05	239	<1	12.9	1.4
67238 (3425414)	0.5	1	37.0	<0.5	0.14	<0.1	0.15	1.2	0.09	0.06	106	<1	5.5	0.7
67239 (3425415)	0.6	2	48.8	<0.5	0.15	<0.1	0.17	1.6	0.11	0.09	130	<1	5.9	0.6
67240 (3425416)	6.6	3	978	<0.5	0.57	4.6	0.50	1.1	0.17	1.35	176	<1	13.4	1.1
67241 (3425417)	4.9	3	591	0.5	0.58	4.1	0.46	1.1	0.23	1.43	242	<1	16.3	1.7
67242 (3425418)	4.9	2	544	<0.5	0.56	3.9	0.43	1.3	0.23	1.56	242	<1	15.2	1.6
67243 (3425419)	5.1	4	706	<0.5	0.58	4.4	0.48	0.6	0.26	2.26	232	<1	17.4	1.8
67244 (3425420)	6.2	4	718	0.6	0.66	6.0	0.46	1.4	0.29	1.59	200	<1	19.8	1.9
67245 (3425421)	6.3	4	737	0.6	0.69	6.4	0.47	1.5	0.31	1.69	202	<1	20.3	2.1
67246 (3425422)	6.3	3	658	0.5	0.71	6.1	0.50	2.5	0.29	1.54	234	<1	19.1	2.0
67247 (3425423)	6.2	7	830	0.7	0.67	6.8	0.43	<0.5	0.31	1.85	187	<1	20.2	2.2
67248 (3425424)	6.3	5	686	0.9	0.79	8.9	0.35	<0.5	0.38	2.27	140	<1	23.9	2.8
67249 (3425425)	5.6	6	645	1.1	0.66	10.0	0.28	<0.5	0.35	2.95	69	<1	19.4	2.3
67250 (3425426)	5.4	6	653	1.0	0.67	8.8	0.25	<0.5	0.30	2.89	56	<1	18.6	2.0

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853632

PROJECT: 2021 Surimeau DDH Batch 90

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
67201 (3425377)	77	37.7
67202 (3425378)	<5	1.0
67203 (3425379)	79	14.1
67204 (3425380)	51	17.6
67205 (3425381)	74	29.3
67206 (3425382)	86	15.6
67207 (3425383)	48	13.6
67208 (3425384)	47	17.5
67209 (3425385)	46	15.0
67210 (3425386)	57	15.7
67211 (3425387)	70	10.9
67212 (3425388)	68	13.6
67213 (3425389)	69	10.6
67214 (3425390)	46	12.8
67215 (3425391)	47	11.5
67216 (3425392)	48	19.2
67217 (3425393)	90	16.9
67218 (3425394)	80	13.0
67219 (3425395)	75	14.1
67220 (3425396)	62	8.9
67221 (3425397)	57	13.7
67222 (3425398)	54	12.5
67223 (3425399)	50	14.1
67224 (3425400)	71	10.6
67225 (3425401)	83	10.7
67226 (3425402)	176	12.0
67227 (3425403)	121	16.3
67228 (3425404)	73	13.4
67229 (3425405)	75	12.1
67230 (3425406)	50	10.6
67231 (3425407)	51	12.3
67232 (3425408)	46	29.5

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853632

PROJECT: 2021 Surimeau DDH Batch 90

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
67233 (3425409)	43	13.9
67234 (3425410)	55	16.6
67235 (3425411)	88	25.1
67236 (3425412)	72	15.3
67237 (3425413)	83	27.5
67238 (3425414)	118	11.2
67239 (3425415)	174	13.0
67240 (3425416)	151	112
67241 (3425417)	220	71.7
67242 (3425418)	227	67.7
67243 (3425419)	300	80.0
67244 (3425420)	962	110
67245 (3425421)	946	112
67246 (3425422)	197	94.6
67247 (3425423)	1140	120
67248 (3425424)	2530	147
67249 (3425425)	6150	145
67250 (3425426)	9770	132

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853632

PROJECT: 2021 Surimeau DDH Batch 90

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Crush-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
67201 (3425377)	84.14
67220 (3425396)	80.36
67240 (3425416)	83.17

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853632

PROJECT: 2021 Surimeau DDH Batch 90

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 10, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Pul-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
67201 (3425377)	87.35
67220 (3425396)	86.90
67240 (3425416)	89.11

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 22O853632

PROJECT: 2021 Surimeau DDH Batch 90

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	3425377	< 1	<1	0.0%	3425391	< 1	<1	0.0%	3425402	< 1	<1	0.0%	3425417	< 1	<1	0.0%
Al	3425377	3.59	3.74	4.1%	3425391	2.31	2.45	5.9%	3425402	3.08	2.89	6.4%	3425417	6.00	5.91	1.5%
As	3425377	< 5	<5	0.0%	3425391	< 5	<5	0.0%	3425402	< 5	<5	0.0%	3425417	< 5	<5	0.0%
B	3425377	23	20	14.0%	3425391	23	27	16.0%	3425402	27	23	16.0%	3425417	30	29	3.4%
Ba	3425377	676	703	3.9%	3425391	3.4	3.1	9.2%	3425402	502	493	1.8%	3425417	848	826	2.6%
Be	3425377	< 5	<5	0.0%	3425391	< 5	<5	0.0%	3425402	< 5	<5	0.0%	3425417	< 5	<5	0.0%
Bi	3425377	0.3	0.2	40.0%	3425391	0.4	0.4	0.0%	3425402	0.3	0.3	0.0%	3425417	0.3	0.3	0.0%
Ca	3425377	5.93	6.04	1.8%	3425391	5.36	5.36	0.0%	3425402	5.47	5.36	2.0%	3425417	6.66	6.58	1.2%
Cd	3425377	< 0.2	<0.2	0.0%	3425391	< 0.2	<0.2	0.0%	3425402	< 0.2	<0.2	0.0%	3425417	< 0.2	<0.2	0.0%
Ce	3425377	19.3	19.0	1.6%	3425391	1.6	1.7	6.1%	3425402	1.5	1.5	0.0%	3425417	41.0	40.2	2.0%
Co	3425377	69.5	73.0	4.9%	3425391	84.6	82.3	2.8%	3425402	81.9	79.8	2.6%	3425417	46.2	46.5	0.6%
Cr	3425377	0.152	0.164	7.6%	3425391	0.179	0.190	6.0%	3425402	0.184	0.178	3.3%	3425417	0.069	0.067	2.9%
Cs	3425377	12.5	13.8	9.9%	3425391	0.5	0.4	22.2%	3425402	17.3	16.7	3.5%	3425417	3.4	3.6	5.7%
Cu	3425377	15	15	0.0%	3425391	87	91	4.5%	3425402	10	8	22.2%	3425417	106	101	4.8%
Dy	3425377	1.97	1.91	3.1%	3425391	1.20	1.20	0.0%	3425402	1.03	0.96	7.0%	3425417	3.36	3.17	5.8%
Er	3425377	1.36	1.00	30.5%	3425391	0.80	0.72	10.5%	3425402	0.69	0.69	0.0%	3425417	1.93	1.71	12.1%
Eu	3425377	0.64	0.63	1.6%	3425391	0.21	0.18	15.4%	3425402	0.47	0.51	8.2%	3425417	1.31	1.31	0.0%
Fe	3425377	6.51	6.73	3.3%	3425391	6.41	6.46	0.8%	3425402	6.66	6.60	0.9%	3425417	7.77	7.68	1.2%
Ga	3425377	10.6	10.9	2.8%	3425391	6.03	5.86	2.9%	3425402	12.4	11.3	9.3%	3425417	16.8	16.6	1.2%
Gd	3425377	2.37	2.37	0.0%	3425391	0.92	0.84	9.1%	3425402	0.81	0.77	5.1%	3425417	4.10	4.04	1.5%
Ge	3425377	2	2	0.0%	3425391	3	3	0.0%	3425402	3	3	0.0%	3425417	2	2	0.0%
Hf	3425377	1	1	0.0%	3425391	< 1	<1	0.0%	3425402	< 1	<1	0.0%	3425417	2	2	0.0%
Ho	3425377	0.39	0.38	2.6%	3425391	0.26	0.24	8.0%	3425402	0.21	0.22	4.7%	3425417	0.62	0.61	1.6%
In	3425377	< 0.2	<0.2	0.0%	3425391	< 0.2	<0.2	0.0%	3425402	< 0.2	<0.2	0.0%	3425417	< 0.2	<0.2	0.0%
K	3425377	1.76	1.85	5.0%	3425391	< 0.05	<0.05	0.0%	3425402	2.55	2.50	2.0%	3425417	1.22	1.22	0.0%
La	3425377	8.0	7.7	3.8%	3425391	0.6	0.5	18.2%	3425402	0.4	0.4	0.0%	3425417	18.6	18.2	2.2%
Li	3425377	83	89	7.0%	3425391	< 10	<10	0.0%	3425402	75	76	1.3%	3425417	36	36	0.0%
Lu	3425377	0.25	0.14		3425391	0.10	0.11	9.5%	3425402	0.08	0.09	11.8%	3425417	0.26	0.26	0.0%
Mg	3425377	10.8	11.1	2.7%	3425391	14.1	14.9	5.5%	3425402	12.4	11.9	4.1%	3425417	5.99	5.84	2.5%
Mn	3425377	1290	1320	2.3%	3425391	1220	1230	0.8%	3425402	1260	1240	1.6%	3425417	1490	1470	1.4%
Mo	3425377	< 2	<2	0.0%	3425391	< 2	<2	0.0%	3425402	< 2	<2	0.0%	3425417	238	225	5.6%

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Nb	3425377	2	2	5.9%	3425391	< 1	<1	0.0%	3425402	1	1	0.0%	3425417	3	3	0.0%
Nd	3425377	10.6	10.3	3.2%	3425391	1.5	1.4	6.9%	3425402	1.5	1.4	6.9%	3425417	21.7	21.4	1.4%
Ni	3425377	889	910	2.3%	3425391	1200	1240	3.3%	3425402	1140	1110	2.7%	3425417	123	115	6.7%
P	3425377	0.05	0.06	18.1%	3425391	< 0.01	<0.01	0.0%	3425402	< 0.01	<0.01	0.0%	3425417	0.13	0.13	0.0%
Pb	3425377	< 5	5	0.0%	3425391	< 5	<5	0.0%	3425402	< 5	<5	0.0%	3425417	17	17	0.0%
Pr	3425377	2.42	2.38	1.7%	3425391	0.25	0.26	3.9%	3425402	0.31	0.27	13.8%	3425417	5.16	5.13	0.6%
Rb	3425377	83.8	88.6	5.6%	3425391	1.4	1.4	0.0%	3425402	122	120	1.7%	3425417	55.7	54.7	1.8%
S	3425377	0.19	0.19	1.0%	3425391	0.56	0.57	1.8%	3425402	0.27	0.26	3.8%	3425417	1.45	1.42	2.1%
Sb	3425377	< 0.1	<0.1	0.0%	3425391	< 0.1	0.1	0.0%	3425402	0.2	0.1	66.7%	3425417	< 0.1	0.1	0.0%
Sc	3425377	21	22	2.6%	3425391	19	20	5.1%	3425402	17	17	0.0%	3425417	37	36	2.7%
Si	3425377	21.7	22.2	2.4%	3425391	20.4	20.7	1.5%	3425402	22.5	22.1	1.8%	3425417	23.7	23.6	0.4%
Sm	3425377	2.5	2.4	7.1%	3425391	0.7	0.6	15.4%	3425402	0.6	0.5	18.2%	3425417	4.9	4.8	2.1%
Sn	3425377	1	1	14.8%	3425391	< 1	<1	0.0%	3425402	1	<1	0.0%	3425417	3	3	0.0%
Sr	3425377	209	215	2.9%	3425391	73.0	72.6	0.5%	3425402	44.9	43.8	2.5%	3425417	591	589	0.3%
Ta	3425377	< 0.5	<0.5	0.0%	3425391	< 0.5	<0.5	0.0%	3425402	< 0.5	<0.5	0.0%	3425417	0.5	<0.5	0.0%
Tb	3425377	0.32	0.33	5.6%	3425391	0.18	0.18	0.0%	3425402	0.16	0.14	13.3%	3425417	0.58	0.57	1.7%
Th	3425377	2.0	1.9	3.4%	3425391	< 0.1	<0.1	0.0%	3425402	< 0.1	<0.1	0.0%	3425417	4.1	3.9	5.0%
Ti	3425377	0.22	0.23	4.0%	3425391	0.14	0.14	0.0%	3425402	0.18	0.18	0.0%	3425417	0.46	0.45	2.2%
Tl	3425377	1.0	0.9	10.2%	3425391	< 0.5	<0.5	0.0%	3425402	1.4	1.3	7.4%	3425417	1.1	1.2	8.7%
Tm	3425377	0.21	0.14		3425391	0.11	0.11	0.0%	3425402	0.09	0.09	0.0%	3425417	0.23	0.28	21.4%
U	3425377	0.64	0.60	6.3%	3425391	< 0.05	<0.05	0.0%	3425402	0.08	0.07	13.3%	3425417	1.43	1.41	1.7%
V	3425377	131	138	5.4%	3425391	92	100	8.3%	3425402	125	120	4.1%	3425417	242	235	2.9%
W	3425377	< 1	<1	0.0%	3425391	< 1	<1	0.0%	3425402	< 1	<1	0.0%	3425417	< 1	<1	0.0%
Y	3425377	9.9	10.4	4.6%	3425391	6.5	6.6	1.5%	3425402	5.9	5.9	0.0%	3425417	16.3	16.3	0.2%
Yb	3425377	1.1	1.0	16.8%	3425391	0.7	0.8	13.3%	3425402	0.7	0.6	15.4%	3425417	1.7	1.7	1.2%
Zn	3425377	77	80	4.3%	3425391	47	49	4.2%	3425402	176	179	1.7%	3425417	220	214	2.9%
Zr	3425377	37.7	39.5	4.7%	3425391	11.5	11.8	2.6%	3425402	12.0	15.6		3425417	71.7	70.1	2.3%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 22O853632

PROJECT: 2021 Surimeau DDH Batch 90

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.OREAS-47)				CRM #2 (ref.OREAS-72B)				CRM #3 (ref.OREAS-74B)				CRM #4 (ref.OREAS-47)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	6.32	5.93	94%	80% - 120%	4.72	4.47	95%	80% - 120%	3.54	3.48	98%	80% - 120%				
Ba	473.0	481	102%	80% - 120%	335.0	332	99%	80% - 120%	210.0	224	106%	80% - 120%				
Ca	2.33	2.21	95%	80% - 120%	2.82	2.75	98%	80% - 120%	3.09	3.10	100%	80% - 120%				
Ce	56.0	51	91%	80% - 120%	43.5	41	95%	80% - 120%	30.9	31	99%	80% - 120%	56.0	54	97%	80% - 120%
Co	56.0	52	93%	80% - 120%	138.0	133	96%	80% - 120%	499.0	475	95%	80% - 120%	56.0	53	94%	80% - 120%
Cr	112.86	94.3	84%	80% - 120%	974.0	970	100%	80% - 120%	978.0	988	101%	80% - 120%				
Cs	2.01	2	100%	80% - 120%	3.16	3	103%	80% - 120%	2.73	3	95%	80% - 120%	2.01	2	101%	80% - 120%
Cu					219.0	202	92%	80% - 120%	1021.0	997	98%	80% - 120%				
Dy	2.11	2.1	98%	80% - 120%	2.74	2.5	91%	80% - 120%	1.96	2.0	104%	80% - 120%	2.11	2.0	96%	80% - 120%
Er	1.16	1.1	91%	80% - 120%	1.69	1.5	90%	80% - 120%	1.18	1.3	108%	80% - 120%	1.16	1.2	103%	80% - 120%
Eu	1.01	0.9	85%	80% - 120%	0.74	0.6	87%	80% - 120%	0.53	0.5	91%	80% - 120%	1.01	1.0	104%	80% - 120%
Fe	2.78	2.79	100%	80% - 120%	6.97	6.82	98%	80% - 120%	12.6	12.5	99%	80% - 120%				
Ga	14.1	14	101%	80% - 120%	11.1	11	103%	80% - 120%	8.52	9	104%	80% - 120%	14.1	14	102%	80% - 120%
Gd	2.83	2.8	97%	80% - 120%	2.75	2.7	99%	80% - 120%	1.9	1.9	102%	80% - 120%	2.83	2.9	103%	80% - 120%
Ho	0.42	0.4	90%	80% - 120%	0.56	0.5	90%	80% - 120%	0.4	0.4	96%	80% - 120%	0.42	0.4	96%	80% - 120%
K	1.18	1.10	93%	80% - 120%	1.13	1.05	93%	80% - 120%	0.72	0.687	95%	80% - 120%				
La	30.9	27.8	90%	80% - 120%	24.2	23.1	95%	80% - 120%	17.4	16.7	96%	80% - 120%	30.9	30.1	97%	80% - 120%
Li									29.3	26.1	89%	80% - 120%				
Lu	0.16	0	84%	80% - 120%									0.16	0	109%	80% - 120%
Mg	1.0	0.963	96%	80% - 120%	9.66	9.30	96%	80% - 120%	9.38	9.32	99%	80% - 120%				
Mn	496.0	493	99%	80% - 120%	1010.0	988	98%	80% - 120%	930.0	937	101%	80% - 120%				
Mo	12.7	11	90%	80% - 120%									12.7	12	96%	80% - 120%
Nb	17.9	19	105%	80% - 120%	5.48	6	108%	80% - 120%	3.56	4	109%	80% - 120%	17.9	18	103%	80% - 120%
Nd	24.0	21.9	91%	80% - 120%	16.9	15.2	90%	80% - 120%	11.9	11.0	92%	80% - 120%	24.0	23.5	98%	80% - 120%
Ni					7050.0	7010	99%	80% - 120%	34286.0	33900	99%	80% - 120%				
P	0.056	0.054	97%	80% - 120%	0.029	0.028	96%	80% - 120%								
Pb	284.0	275	97%	80% - 120%	14.1	13	93%	80% - 120%	24.1	22	93%	80% - 120%	284.0	290	102%	80% - 120%
Pr	6.58	6.0	91%	80% - 120%	4.79	4.3	89%	80% - 120%	3.39	3.0	89%	80% - 120%	6.58	6.5	99%	80% - 120%
Rb	37.6	36	95%	80% - 120%	47.2	43	92%	80% - 120%	31.3	28	89%	80% - 120%	37.6	38	100%	80% - 120%
S					1.48	1.34	91%	80% - 120%	6.61	6.12	93%	80% - 120%				
Sc	9.27	9.47	102%	80% - 120%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Si	33.99	31.6	93%	80% - 120%	24.02	23.1	96%	80% - 120%	19.68	20.4	104%	80% - 120%				
Sm	4.01	3.8	94%	80% - 120%	2.99	2.9	97%	80% - 120%	2.23	2.0	90%	80% - 120%	4.01	4.0	101%	80% - 120%
Sn	6.14	6	104%	80% - 120%									6.14	6	99%	80% - 120%
Sr	402.0	380	95%	80% - 120%	61.0	59.0	97%	80% - 120%	54.0	54.7	101%	80% - 120%				
Tb	0.39	0.4	102%	80% - 120%	0.46	0.4	89%	80% - 120%	0.31	0.3	92%	80% - 120%	0.39	0.4	102%	80% - 120%
Th	3.84	4	104%	80% - 120%	10.3	11	103%	80% - 120%	7.6	7	99%	80% - 120%	3.84	4	104%	80% - 120%
Ti	0.23	0.218	94%	80% - 120%	0.208	0.206	99%	80% - 120%	0.15	0.160	107%	80% - 120%				
Tl									0.6	1	101%	80% - 120%				
Tm					0.26	0.2	87%	80% - 120%	0.19	0.2	81%	80% - 120%				
U					4.76	4	94%	80% - 120%	2.4	2	94%	80% - 120%				
V	61.0	57.3	93%	80% - 120%	77.0	69.8	91%	80% - 120%	62.0	63.2	102%	80% - 120%				
Y	11.6	10.6	91%	80% - 120%	15.3	14.1	92%	80% - 120%	11.3	10.0	88%	80% - 120%	11.6	11.2	96%	80% - 120%
Yb	1.08	1.0	95%	80% - 120%	1.64	1.5	89%	80% - 120%	1.23	1.2	96%	80% - 120%	1.08	1.2	111%	80% - 120%
Zn	217.0	207	95%	80% - 120%	90.0	88.3	98%	80% - 120%	133.0	129	97%	80% - 120%				
Zr	161.0	153	95%	80% - 120%	86.0	87.4	102%	80% - 120%	63.0	58.6	93%	80% - 120%	161.0	151	93%	80% - 120%

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O853632

PROJECT: 2021 Surimeau DDH Batch 90

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O853632

PROJECT: 2021 Surimeau DDH Batch 90

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O853632

PROJECT: 2021 Surimeau DDH Batch 90

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Crush-Pass %			BALANCE
Pul-Pass %			BALANCE

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED
2857 SHERWOOD HEIGHTS DRIVE, UNIT 2
OAKVILLE , ON L6J 7J9
905-399-4023

ATTENTION TO: Francis Newton

PROJECT: 2021 Surimeau DDH Batch 91

AGAT WORK ORDER: 22O853633

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Mar 11, 2022

PAGES (INCLUDING COVER): 16

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

Disclaimer:

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project Manager if you require additional sample storage time.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
- The test results reported herewith relate only to the samples as received by the laboratory.
- Measurement Uncertainty is not taken into consideration when stating conformity with a specified requirement.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853633

PROJECT: 2021 Surimeau DDH Batch 91

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(200-) Sample Login Weight

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 11, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
67251 (3425456)	2.600
67252 (3425457)	1.240
67253 (3425458)	1.600
67254 (3425459)	1.860
67255 (3425460)	2.080
67256 (3425461)	2.390
67257 (3425462)	1.930
67258 (3425463)	1.330
67259 (3425464)	2.780
67260 (3425465)	3.310
67261 (3425466)	3.780
67262 (3425467)	-
67263 (3425468)	3.260
67264 (3425469)	1.290
67265 (3425470)	0.700
67266 (3425471)	3.400
67267 (3425472)	2.920

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853633

PROJECT: 2021 Surimeau DDH Batch 91

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 11, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
67251 (3425456)	2	7.28	<5	27	692	<5	0.8	3.76	11.1	69.3	82.8	0.062	0.3	701
67252 (3425457)	1	0.06	<5	<20	17.5	<5	<0.1	35.4	<0.2	1.0	<0.5	0.009	<0.1	<5
67253 (3425458)	<1	7.74	<5	24	498	<5	0.7	2.91	11.7	70.1	68.3	0.042	0.1	764
67254 (3425459)	2	8.23	<5	<20	501	<5	0.5	2.59	4.9	76.2	49.0	0.052	0.4	298
67255 (3425460)	<1	8.82	<5	<20	583	<5	0.2	1.86	<0.2	63.1	27.6	0.053	3.7	121
67256 (3425461)	1	8.29	<5	<20	638	<5	0.4	0.84	<0.2	60.0	26.3	0.058	3.1	50
67257 (3425462)	3	8.82	<5	<20	705	<5	0.4	1.42	<0.2	66.7	27.2	0.050	3.1	86
67258 (3425463)	1	8.82	<5	<20	510	<5	0.5	4.07	2.0	76.4	38.5	0.062	0.9	230
67259 (3425464)	2	9.43	<5	20	718	<5	0.4	2.54	<0.2	69.5	30.9	0.054	2.4	89
67260 (3425465)	1	9.17	<5	21	810	<5	0.4	1.20	<0.2	64.0	28.6	0.056	3.6	50
67261 (3425466)	<1	8.61	<5	<20	784	<5	0.5	1.63	<0.2	68.6	29.9	0.047	3.4	58
67262 (3425467)	<1	8.81	<5	21	765	<5	0.5	1.73	0.2	65.3	30.5	0.057	3.5	58
67263 (3425468)	1	9.15	<5	<20	497	<5	0.3	1.35	<0.2	66.1	28.3	0.046	4.7	50
67264 (3425469)	4	8.75	<5	<20	474	<5	0.3	1.34	<0.2	66.1	29.0	0.053	4.5	49
67265 (3425470)	3	8.39	<5	<20	470	<5	0.3	1.37	<0.2	66.3	30.1	0.046	4.7	49
67266 (3425471)	4	9.42	<5	26	629	<5	0.6	1.05	<0.2	71.5	30.7	0.055	3.8	56
67267 (3425472)	<1	9.29	<5	21	603	<5	0.4	1.46	0.2	71.2	29.8	0.051	4.7	67

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853633

PROJECT: 2021 Surimeau DDH Batch 91

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 11, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
67251 (3425456)	4.02	2.52	2.12	8.90	22.7	5.17	1	4	0.83	1.6	0.18	32.6	<10	0.38
67252 (3425457)	0.23	0.14	<0.05	0.16	0.20	0.26	1	<1	0.05	<0.2	<0.05	1.2	<10	<0.05
67253 (3425458)	4.28	2.45	2.15	7.61	18.6	4.87	1	5	0.84	1.3	0.09	33.3	<10	0.40
67254 (3425459)	4.03	2.36	1.82	6.05	19.7	5.22	1	4	0.80	0.6	0.28	36.5	<10	0.38
67255 (3425460)	3.20	1.84	1.47	4.59	24.0	4.19	2	3	0.58	<0.2	1.60	31.7	39	0.23
67256 (3425461)	2.71	1.50	1.29	4.78	23.0	3.75	2	3	0.49	<0.2	2.39	28.7	44	0.21
67257 (3425462)	3.29	1.82	1.35	4.91	25.6	4.16	2	3	0.60	<0.2	2.41	31.1	45	0.24
67258 (3425463)	3.39	1.93	1.52	5.82	22.2	4.29	2	4	0.64	<0.2	0.58	37.3	14	0.28
67259 (3425464)	3.21	1.88	1.30	5.62	25.8	4.30	1	3	0.66	<0.2	2.26	33.8	37	0.26
67260 (3425465)	3.11	1.69	1.32	5.38	24.5	4.28	2	3	0.56	<0.2	3.40	30.8	54	0.27
67261 (3425466)	3.49	1.83	1.28	5.29	24.9	4.51	2	3	0.65	<0.2	2.57	33.2	43	0.25
67262 (3425467)	3.06	1.84	1.34	5.66	23.9	4.10	2	3	0.62	<0.2	2.72	31.1	46	0.26
67263 (3425468)	3.41	1.80	1.44	5.11	23.4	4.17	2	3	0.59	<0.2	2.97	32.0	51	0.25
67264 (3425469)	3.46	1.94	1.34	5.15	23.7	4.43	2	3	0.67	<0.2	2.67	31.7	56	0.27
67265 (3425470)	3.19	1.82	1.49	5.47	24.2	4.34	2	3	0.65	<0.2	2.81	32.0	59	0.24
67266 (3425471)	3.38	1.83	1.51	5.73	26.7	4.75	2	3	0.65	<0.2	2.73	33.7	67	0.26
67267 (3425472)	3.28	1.70	1.43	5.56	24.4	4.49	2	3	0.62	<0.2	2.55	34.0	71	0.25

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853633

PROJECT: 2021 Surimeau DDH Batch 91

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 11, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
67251 (3425456)	1.63	660	80	7	31.4	245	0.06	29	8.14	6.9	4.74	1.0	23	24.2
67252 (3425457)	1.89	109	<2	<1	0.8	<5	<0.01	<5	0.18	<0.2	0.46	1.0	<5	5.07
67253 (3425458)	1.17	521	50	8	31.7	198	0.13	28	8.51	2.3	4.16	0.9	20	25.0
67254 (3425459)	1.12	454	42	8	34.9	148	0.05	34	9.11	8.9	2.99	1.0	22	26.2
67255 (3425460)	1.98	520	9	8	28.5	69	0.06	34	7.28	80.5	1.57	0.9	21	26.3
67256 (3425461)	2.23	591	<2	7	27.0	67	0.05	21	7.04	97.1	2.06	1.0	20	24.6
67257 (3425462)	2.24	636	2	7	30.1	76	0.06	21	7.84	99.2	2.17	0.8	22	25.4
67258 (3425463)	0.91	524	55	8	33.1	123	0.06	29	8.75	23.0	3.01	1.1	21	26.3
67259 (3425464)	1.58	533	14	7	31.8	93	0.06	18	8.33	95.2	2.91	0.8	24	25.6
67260 (3425465)	2.33	632	4	7	29.2	98	0.06	15	7.63	145	2.27	1.1	23	25.5
67261 (3425466)	1.82	505	3	7	31.4	81	0.05	22	8.11	116	2.30	1.1	23	24.0
67262 (3425467)	1.84	532	4	7	29.0	80	0.06	21	7.70	119	2.29	0.9	23	25.4
67263 (3425468)	2.27	672	8	7	29.9	73	0.06	18	7.93	127	1.42	1.2	21	24.6
67264 (3425469)	2.09	673	2	7	29.7	77	0.07	18	7.99	101	0.45	1.2	21	25.6
67265 (3425470)	2.10	671	<2	7	29.8	81	0.07	18	7.96	103	0.48	0.9	21	26.2
67266 (3425471)	2.33	626	7	7	33.3	90	0.06	17	8.49	115	0.41	0.9	24	26.4
67267 (3425472)	2.58	649	3	7	32.9	82	0.08	23	8.38	108	0.46	0.5	23	26.1

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853633

PROJECT: 2021 Surimeau DDH Batch 91

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 11, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
67251 (3425456)	5.9	5	431	0.9	0.66	8.2	0.33	<0.5	0.38	2.57	125	<1	20.9	2.6
67252 (3425457)	0.2	<1	78.6	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.11	<5	<1	1.9	0.1
67253 (3425458)	6.1	2	243	1.0	0.73	9.4	0.29	<0.5	0.38	3.03	107	<1	21.6	2.5
67254 (3425459)	6.4	2	234	1.0	0.70	9.5	0.33	<0.5	0.32	3.06	111	<1	20.9	2.5
67255 (3425460)	5.2	<1	180	1.0	0.55	7.5	0.41	2.4	0.26	2.09	145	<1	16.4	1.6
67256 (3425461)	4.9	1	107	0.9	0.50	7.0	0.39	2.9	0.18	2.05	142	1	13.4	1.4
67257 (3425462)	5.4	2	196	1.0	0.56	7.6	0.41	2.8	0.22	2.13	150	1	15.5	1.7
67258 (3425463)	5.6	1	310	1.0	0.58	9.0	0.36	<0.5	0.29	2.98	141	<1	16.7	2.0
67259 (3425464)	5.7	<1	189	1.0	0.63	7.7	0.42	1.9	0.23	2.19	164	1	16.8	1.7
67260 (3425465)	5.5	<1	234	1.0	0.58	7.4	0.43	2.8	0.22	2.19	160	1	16.0	1.7
67261 (3425466)	5.5	<1	234	1.0	0.60	8.1	0.41	2.0	0.26	2.14	155	1	16.4	1.8
67262 (3425467)	5.1	<1	250	1.0	0.58	7.6	0.43	1.9	0.25	2.25	155	1	16.0	1.7
67263 (3425468)	5.2	<1	270	1.0	0.58	7.3	0.41	1.9	0.24	2.13	150	1	15.7	1.7
67264 (3425469)	5.6	<1	179	0.9	0.60	7.3	0.41	1.1	0.25	2.20	149	<1	17.8	1.8
67265 (3425470)	5.7	<1	183	0.9	0.59	7.5	0.43	1.1	0.25	2.25	143	<1	16.7	1.7
67266 (3425471)	6.0	<1	151	0.9	0.62	8.0	0.43	0.9	0.26	2.29	165	<1	17.1	1.8
67267 (3425472)	5.6	<1	240	0.9	0.55	7.8	0.43	1.0	0.25	2.23	162	<1	15.8	1.7

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853633

PROJECT: 2021 Surimeau DDH Batch 91

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 11, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
67251 (3425456)	6160	133
67252 (3425457)	20	0.9
67253 (3425458)	5390	158
67254 (3425459)	2410	156
67255 (3425460)	138	122
67256 (3425461)	72	113
67257 (3425462)	94	115
67258 (3425463)	697	139
67259 (3425464)	87	114
67260 (3425465)	65	112
67261 (3425466)	91	113
67262 (3425467)	80	113
67263 (3425468)	87	117
67264 (3425469)	71	120
67265 (3425470)	72	118
67266 (3425471)	85	121
67267 (3425472)	156	119

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853633

PROJECT: 2021 Surimeau DDH Batch 91

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Crushing)

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 11, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Crush-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
67251 (3425456)	76.07

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 22O853633

PROJECT: 2021 Surimeau DDH Batch 91

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jan 13, 2022 | DATE RECEIVED: Jan 14, 2022 | DATE REPORTED: Mar 11, 2022 | SAMPLE TYPE: Drill Core

Analyte:	Pul-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
67251 (3425456)	96.81

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1740 Chemin Sullivan, Val d'Or, QC or 1185 Rue Des Foreurs, Val d'Or, QC (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 22O853633

PROJECT: 2021 Surimeau DDH Batch 91

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2													
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD										
Ag	3425456	2	1	49.2%	3425470	3	3	0.0%										
Al	3425456	7.28	7.52	3.2%	3425470	8.39	9.04	7.5%										
As	3425456	<5	<5	0%	3425470	< 5	<5	0.0%										
B	3425456	27	25	8%	3425470	< 20	<20	0.0%										
Ba	3425456	692	779	11.8%	3425470	470	493	4.8%										
Be	3425456	<5	<5	0%	3425470	< 5	<5	0.0%										
Bi	3425456	0.8	0.8	0.1%	3425470	0.3	0.3	0.0%										
Ca	3425456	3.76	3.69	1.8%	3425470	1.37	1.34	2.2%										
Cd	3425456	11.1	10.4	6.9%	3425470	< 0.2	<0.2	0.0%										
Ce	3425456	69.3	69.3	0%	3425470	66.3	66.9	0.9%										
Co	3425456	82.8	78.3	5.6%	3425470	30.1	29.1	3.4%										
Cr	3425456	0.062	0.047	27%	3425470	0.046	0.048	4.3%										
Cs	3425456	0.3	0.3	3.8%	3425470	4.7	4.7	0.0%										
Cu	3425456	701	648	7.8%	3425470	49	52	5.9%										
Dy	3425456	4.02	3.96	1.4%	3425470	3.19	3.22	0.9%										
Er	3425456	2.52	2.50	0.7%	3425470	1.82	1.82	0.0%										
Eu	3425456	2.12	2.08	1.9%	3425470	1.49	1.32	12.1%										
Fe	3425456	8.90	8.31	6.8%	3425470	5.47	5.35	2.2%										
Ga	3425456	22.7	23.9	5.1%	3425470	24.2	24.1	0.4%										
Gd	3425456	5.17	5.06	2.2%	3425470	4.34	4.60	5.8%										
Ge	3425456	1	2	25.5%	3425470	2	2	0.0%										
Hf	3425456	4	4	3.6%	3425470	3	3	0.0%										
Ho	3425456	0.83	0.80	3.5%	3425470	0.65	0.61	6.3%										
In	3425456	1.6	1.5	7.3%	3425470	< 0.2	<0.2	0.0%										
K	3425456	0.18	0.22	19.5%	3425470	2.81	2.78	1.1%										
La	3425456	32.6	32.8	0.7%	3425470	32.0	32.6	1.9%										
Li	3425456	<10	<10	0%	3425470	59	60	1.7%										
Lu	3425456	0.38	0.39	1.2%	3425470	0.24	0.25	4.1%										
Mg	3425456	1.63	1.64	0.7%	3425470	2.10	2.22	5.6%										
Mn	3425456	660	630	4.6%	3425470	671	681	1.5%										
Mo	3425456	80	74	6.6%	3425470	< 2	<2	0.0%										

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 22O853633

PROJECT: 2021 Surimeau DDH Batch 91

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Nb	3425456	7	7	1.6%	3425470	7	7	0.0%								
Nd	3425456	31.4	31.0	1%	3425470	29.8	31.0	3.9%								
Ni	3425456	245	229	6.8%	3425470	81	85	4.8%								
P	3425456	0.06	0.07	14%	3425470	0.07	0.06	15.4%								
Pb	3425456	29	29	0.3%	3425470	18	17	5.7%								
Pr	3425456	8.14	8.27	1.6%	3425470	7.96	7.86	1.3%								
Rb	3425456	6.9	7.9	13.6%	3425470	103	106	2.9%								
S	3425456	4.74	4.53	4.5%	3425470	0.48	0.48	0.0%								
Sb	3425456	1.0	1.1	11.2%	3425470	0.9	1.2	28.6%								
Sc	3425456	23	23	1%	3425470	21	22	4.7%								
Si	3425456	24.2	25.0	3.1%	3425470	26.2	25.8	1.5%								
Sm	3425456	5.9	5.9	1%	3425470	5.7	5.5	3.6%								
Sn	3425456	5	5	4%	3425470	< 1	<1	0.0%								
Sr	3425456	431	432	0.3%	3425470	183	178	2.8%								
Ta	3425456	0.9	1.0	9.7%	3425470	0.9	0.9	0.0%								
Tb	3425456	0.66	0.73	10.3%	3425470	0.59	0.59	0.0%								
Th	3425456	8.2	8.2	0.7%	3425470	7.5	7.4	1.3%								
Ti	3425456	0.33	0.33	0.5%	3425470	0.43	0.42	2.4%								
Tl	3425456	<0.5	<0.5	0%	3425470	1.1	1.1	0.0%								
Tm	3425456	0.38	0.39	3.3%	3425470	0.25	0.25	0.0%								
U	3425456	2.57	2.52	2.1%	3425470	2.25	2.14	5.0%								
V	3425456	125	126	0.8%	3425470	143	151	5.4%								
W	3425456	<1	<1	0%	3425470	< 1	<1	0.0%								
Y	3425456	20.9	21.6	3.3%	3425470	16.7	17.0	1.8%								
Yb	3425456	2.6	2.5	6.2%	3425470	1.7	1.7	0.0%								
Zn	3425456	6160	5600	9.6%	3425470	72	79	9.3%								
Zr	3425456	133	135	2.1%	3425470	118	119	0.8%								

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 22O853633

PROJECT: 2021 Surimeau DDH Batch 91

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.OREAS-47)				CRM #2 (ref.OREAS-72B)											
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Al	6.32	5.92	94%	80% - 120%												
Ba	473.0	484	102%	80% - 120%												
Ca	2.33	2.23	96%	80% - 120%												
Ce	56.0	57	102%	80% - 120%	43.5	45	104%	80% - 120%								
Co	56.0	56	100%	80% - 120%	138.0	135	98%	80% - 120%								
Cr	112.86	81.5	72%	80% - 120%												
Cs	2.01	2	103%	80% - 120%	3.16	3	91%	80% - 120%								
Dy	2.11	2.3	110%	80% - 120%	2.74	2.7	98%	80% - 120%								
Er	1.16	1.2	103%	80% - 120%	1.69	1.5	90%	80% - 120%								
Eu	1.01	1.0	101%	80% - 120%	0.74	0.7	93%	80% - 120%								
Fe	2.78	2.78	100%	80% - 120%												
Ga	14.1	15	106%	80% - 120%	11.1	11	103%	80% - 120%								
Gd	2.83	3.0	105%	80% - 120%	2.75	2.8	103%	80% - 120%								
Ho	0.42	0.4	101%	80% - 120%	0.56	0.5	94%	80% - 120%								
K	1.18	1.05	89%	80% - 120%												
La	30.9	31.0	100%	80% - 120%	24.2	24.9	103%	80% - 120%								
Lu	0.16	0	96%	80% - 120%												
Mg	1.0	0.982	98%	80% - 120%												
Mn	496.0	510	103%	80% - 120%												
Mo	12.7	12	96%	80% - 120%												
Nb	17.9	18	100%	80% - 120%	5.48	5	100%	80% - 120%								
Nd	24.0	24.7	103%	80% - 120%	16.9	16.1	95%	80% - 120%								
P	0.056	0.052	94%	80% - 120%												
Pb	284.0	286	101%	80% - 120%	14.1	14	99%	80% - 120%								
Pr	6.58	7.0	106%	80% - 120%	4.79	4.8	99%	80% - 120%								
Rb	37.6	38	101%	80% - 120%	47.2	43	92%	80% - 120%								
Sc	9.27	9.42	102%	80% - 120%												
Si	33.99	31.4	92%	80% - 120%												
Sm	4.01	4.0	100%	80% - 120%	2.99	3.1	105%	80% - 120%								
Sn	6.14	5	79%	80% - 120%												
Sr	402.0	381	95%	80% - 120%												

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: MINROC MANAGEMENT LIMITED

ATTENTION TO: Francis Newton

Ta	0.46	1	198%	80% - 120%												
Tb	0.39	0.4	108%	80% - 120%	0.46	0.5	99%	80% - 120%								
Th	3.84	4	102%	80% - 120%	10.3	10	98%	80% - 120%								
Ti	0.23	0.226	98%	80% - 120%												
Tm	0.17	0.2	97%	80% - 120%	0.26	0.2	80%	80% - 120%								
U	0.79	1	95%	80% - 120%	4.76	4	93%	80% - 120%								
V	61.0	59.9	98%	80% - 120%												
Y	11.6	11.3	97%	80% - 120%	15.3	13.8	90%	80% - 120%								
Yb	1.08	1.1	101%	80% - 120%	1.64	1.6	95%	80% - 120%								
Zn	217.0	203	94%	80% - 120%												
Zr	161.0	161	100%	80% - 120%	86.0	86.0	100%	80% - 120%								

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O853633

PROJECT: 2021 Surimeau DDH Batch 91

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O853633

PROJECT: 2021 Surimeau DDH Batch 91

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: MINROC MANAGEMENT LIMITED

AGAT WORK ORDER: 22O853633

PROJECT: 2021 Surimeau DDH Batch 91

ATTENTION TO: Francis Newton

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Crush-Pass %			BALANCE
Pul-Pass %			BALANCE

16.3 Drill Logs

Minroc Management

Project:	Surimeau - Spring 2021
Hole Number:	**SUR-21-04**
Units of Measurement:	Metres
Location	
NTS Sheet:	
Township:	
Claim No:	
Grid:	
Easting:	
Northing:	
Elevation:	349
GPS Co-ordinates: (if applicable)	
Zone:	17U
Datum:	NAD83
Easting:	696607
Northing:	5328253
Collar Dip:	-45
Collar Azimuth:	180
Hole Length:	201
Core Size:	NQ
Recovery (%)	85.95
Logged By:	Francis Newton
Date: Start:	25-Mar-21
Finish:	26-Mar-21
Drilled by:	SMP Drilling
Date: Start:	24-Mar-21
Finish:	25-Mar-21

	INCLINATION TESTS			
	DEPTH	**DIP**	**AZIMUTH**	(RAW)
Mag	**COLLAR**	-45.0	180.0	
56467	39	-45.32	179.58	191.58
54849	90	-44.56	182.71	194.71
56138	141	-43.75	179.95	191.95
			-12	
			-12	
			-12	
			-12	
			-12	
			-12	

Comments
Same section as PROP21. Covers northern half of volcanic/ultramafic belt. Confirm zones seen in BV-88-1 & 2 (several multi metre intervals of 0.1% to 0.4% Ni)
QA/QC info
Blank 1: Appalache Valley Pierre Decorative Stone
Standard-1: GEOSTATS GMB300-10C

Minroc Management

FROM	TO	LITHO	Desc	Angle TCA
0	**9.5**	**OB**	**Overburden**	
9.5	**23.8**	**S3**	**Wacke, light to med grey, fine to med grained, bedding at 80-85deg TCA. Quartz-biotite-muscovite matrix. Rare 1-3mm qz stringers generally oriented 70-80deg TCA. 15.35-15.37m 2cm "muscovite schist", sharp contacts in wacke, very soft and weathered. Occasional bands of porphyroblastic muscovite-cordierite (18.7-22.3m), grains 1-4mm in size. Frequent 3-5mm weathered staurolite crystals (pale brown colour, anhedral) 20-21.5m.**	**80**
Structure				
9.5	23.8	QZ	rare 1-3mm qz stringers, generally oriented 70-80deg TCA	75
10	11	BLOCKY	blocky core	
13.2	13.5	BLOCKY	blocky core	
23.8	**26.4**	**S3**	**Wacke, similar to above but is weakly chl altered to 25.6m and then weakly silicified 25.6-26.4m. Frequent graphite-filled fractures 25.8-26.4m ranging from 1-3mm and oriented irregularly. Blocky overall.**	**80**
Structure				
23.8	26.4	BLOCKY	blocky core	
25.8	26.4	GRAPHITE	frequent 1-3mm graphite-filled fractures	
Alteration				
23.8	25.6	CHL	very weak chl alteration	
25.6	26.4	SIL	weak silicification	
Mineralization				
25.6	26.4	PY	rare fine py stringers and clots	
26.4	**32.8**	**S6gp**	**Graphitic mudstone. Sulfide bearing, Black to dark grey, interlayered with graphitic wacke beds, sharp and regular beds ranging from 80-90deg TCA, gradual lower contact. Muscovite-rich assemblage in wacke. Mixed core 27-30m, possibly a dropped box?**	
Structure				
27	30	MIX CORE	mixed core, possibly a dropped box	
27	30.5	BLOCKY	blocky core	
30.25	30.5	MUD	black graphite mud	

Mineralization				
26.4	32.8	PY	frequent 1mm to 1.5 cm pyrite veinlets and stringers, often concordant to foliation but occasionally oriented irregularly, approx. 3% overall	
26.4	32.8	PO	rare 1-3mm pyrrhotite veinlets and stringers conc to foliation but occasionally oriented irregularly	
32.8	**40.6**	**S3**	**Wacke, light to med grey, fine to med grained. Weak to mod mag throughout. Foliated/bedding at 70-90deg TCA. Coarse staurolite crystals (1-4mm in size) from 37.4-38m. Numerous fractures filled with a soft creamy-greenish-yellow mineral, possibly dolomite? 33.25-33.55m. Traces of fine 1-2mm muscovite cordierite porphyroblasts 38-40.6m. Band of weak silicification + py+po stringers 40.3-40.6m.**	**80**
Structure				
33.25	33.55	FRACTURES	numerous fine mm-scale fractures filled with a soft creamy greenish-yellow mineral, possibly dolomite or chlorite?	
39.5	39.55	QV	up to 5cm qv with sharp margins, roughly conc to foliation at 80deg TCA. Fine chloritization along vein walls, fine pyrite crystals within vein.	
Mineralization				
38.35	40.3	PY	trace very fine py+po stringers	
38.35	40.3	PO	trace very fine py+po stringers	
40.3	40.6	PY, PO	frequent 1-5mm py+po stringers with traces of chalcopyrite and sphalerite.	
40.6	**44**	**S6gp**	**Graphitic siltstone, dark grey-black with pyrite and pyrrhotite stringers and sedimentary nodules. Black, fine to med grained, bedding at approx. 70-80deg TCA. Mod mag throughout. XRF shows Zn (up to 0.15%) and traces of Ni and Cu indicating presence of fine sphalerite and pentlandite and cpy. XRF values : Ni <0.1 % , Zn 0.15 % , Cu <0.1%**	**70**
Mineralization				
40.6	42.6	PO,PY	frequent po+py stringers and sedimentary nodules ranging from 1mm up to 2m thick. Sedimentary nodules often contain quartz. Approx. 5-7% sulfide overall	
44	**50.3**	**V4**	**Ultramafic? Basalt? Fine to med grained, med to dark green, occasional ca-filled fractures, blocky overall. Sharp upper and lower contacts. Weak to mod mag,**	
Structure				
46.4	50.3	BLOCKY	blocky core	
Alteration				

44	50.3	CHL	weak to mod chloritization	
Mineralization				
44	50.3	PO	occasional coarse clots of pyrrhotite, 1-3% overall	
50.3	**57.5**	**S6gp**	**Graphitic siltstone, dark grey to black, with pyrite and pyrrhotite stringers and sedimentary nodules which are magnetic. Fine to med grained, bedding at approx. 80deg TCA, weak mag throughout. XRF shows traces of Zn and W. 5cm band of pale grey muscovite rich rock at 50.8-50.85m, 15cm band of pale grey-green muscovite-biotite rich rock 51.6-51.75m.**	**80**
Structure				
54.3	54.65	BLOCKY	blocky core	
Mineralization				
50.3	57.5	PO,PY	frequent po+py stringers and sedimentary nodules ranging from 1mm up to 2m thick. Sedimentary nodules often contain quartz. Approx. 5-7% sulfide overall	
57.5	**64.05**	**S3**	**Pale to dark greywacke sediments, fine to med grained. Mod to strong mag throughout. Rare darker bands of graphitic siltstone within the wacke which often contain med to coarse py+po stringers and nodules. Fine to coarse py+po stringers throughout. Very gradual upper and lower contacts. Bedding/foliation at 62deg TCA.**	**60**
Mineralization				
57.5	64.05	PO	fine to coarse disseminated pyrrhotite throughout, 5% overall, locally up to 15% (ex: 50.5-50.65m), occasional fine to coarse py+po stringers and nodules.	
64.05	**72.1**	**S6gp**	**Graphitic siltstone, fine to med grained, dark grey to black, mod to strong mag throughout. Pyrite and pyrrhotite stringers and sedimentary nodules throughout, ranging from 1mm at the finest up to 3cm in size. Occasional fine to med clots of sphalerite, traces of cpy and pentlandite. Bedding 80deg TCA. Sharp lower contact. Fragment of paler grey wacke, biotite + pyrrhotite rich, 71.6-71.8m. Occasional qz fractures and veinlets throughout.**	**80**
Structure				
64.7	65	FRACTURE	more strongly fracture, frequent qz-stringers and py+po sph + tr cpy + tr pent stringers	
Mineralization				
64.05	64.7	PO,PY	frequent po+py stringers and sedimentary nodules ranging from 1mm up to 2m thick. Sedimentary nodules often contain quartz. approx. 5-7% sulfide overall	
64.7	65	PO,PY	frequent po+py stringers and sedimentary nodules ranging from 1mm up to 2m thick. Sedimentary nodules often contain quartz. approx. 15% sulfide overall	

64.7	65	SPH	trace fine sphalerite
64.7	65	CPY	trace fine cpy
64.7	65	PN	trace fine pentlandite
70.95	71	SPH,Ni, Cu	3cm vein of py+po, trace sph, pent and cpy. XRF values : Ni 0.02% , Zn 0.17 % , Cu 381 ppm , Sn 375 ppm
72.1	**81.3**	**S3**	**Wacke? Pale to med grey, strongly biotitized, strongly mineralized with pyrrhotite from 72.1-74.1m within zone of silicification. Appears massive to weakly and steeply bedded?**
Alteration			
72.1	81.3	BT	mod to strong biotitzation
72	74.1	SIL	mod to strong silicification
74.1	76	CARB	weak to mod pervasive carb alt
76	77.1	SIL	weak to mod silicification
78	81.3	SIL	progressively strong silicification
Mineralization			
72.1	74.1	PO	8-10% fine to med disseminated pyrrhotite + occasional coarse clotty po
74.1	77.1	PO	trace to 1% fine to med diss po
77.1	78.1	PO,PY	frequent po+py stringers and sedimentary nodules ranging from 1mm up to 2m thick. Sedimentary nodules often contain quartz. Approx. 5-7% sulfide overall
78.1	81.3	PO	2-5% fine to med diss po + occasional coarse py+po clots
81.3	**83**	**V3br**	**Volcanic breccia? Dark green to brown, trace weak to mod mag, coarse clotty biotite to 81.6m, pale fractures filled with pale green soft mineral, possibly bladed? Replacement of anthophyllite? Gradual upper and lower contacts. Weak, poorly defined foliation.**
Alteration			
81.3	83	CHL	weak chloritization
81.3	83	HB	mod amphibolization
81.3	83	BT	frequent bands of strong biotitzation
81.3	81.6	SIL	narrow 1-3mm bands of quartz
82.8	83	BT	strong biotitzation
Mineralization			
81.3	81.4	PO	5% fine to med po stringers + disseminations
81.4	83	PY	trace fine to med po, locally up to 1%

83	**103.75**	**V4**	**Ultramafic intrusive, pale greenish-blue. Competent, weak to mod mag throughout, weakly chloritized throughout, Massive to weakly foliated? Band of dark green, strongly carbonatized mafic volcanic unit 87.25-88.1m. Possible clasts of a paler-grey rock from 96-103.75m - weak brecciation? clasts often surrounded by bt-chl fracture fills and carbonate alteration. Very gradual lower contact into underlying basalt.**
Structure			
96	103.75	BRECCIA?	clasts of paler grey rock, weak brecciation? Clasts often surrounded by bt-chl fracture-fills and carbonate alteration
Alteration			
83	103.75	CHL	weak chloritization
87.25	88.1	CARB	mod to strong pervasive carb alt
103.75	**117.9**	**V3b**	**Basalt, pale to med green, competent. Very gradual upper contact, frequent paler grey-green veinlets (<1cm) - quartz-tremolite? Form an irregular network throughout. Trace pyrrhotite. Massive. Band of QFP 117.35-117.8m, possible baked and biotitized upper contact on the qfp.**
Structure			
106.7	107.1	LAMPROPHYRE	possible lamprophyre? Zone of carb alt + biotitization. Biotite fine to med grained, clotty, irregular. Margins are carbonate altered. Blue-grey green colour.
Alteration			
103.75	117.35	CHL	weak chloritization
106.7	107.1	CARB	weak to mod pervasive carb alt within and around possible lamprophyre
117.35	117.8	SIL	silicified, qfp
117	117.35	BT	weak biotitization, coarse bt, 3-5%
117.8	117.9	CHL	weak chloritization
Mineralization			
103.75		PO	trace fine to med diss po, rare fine to med po stringers throughout
117.9	**121.4**	**V3br**	**Volcanic breccia? Dark green to brown, trace weak to mod mag, coarse clotty biotite to 81.6m, pale fractures filled with pale green soft mineral, possibly bladed? Replacement of anthophyllite? Gradual upper and lower contacts. Weak, poorly defined foliation. Brecciation noticeably weaker 119-121.4m**
Alteration			
117.9	121.4	CHL	weak chloritization
117.9	121.4	HB	mod amphibolization

117.9	121.4	BT	mod amphibolization	
Mineralization				
117.9	121.35	PY,PO	trace fine to med diss py and po throughout, rare med po stringers	
121.35	121.4	PO	med stringers of po, XRF indicates traces of cpy, sphalerite, pentlandite, Ti and Co.	
121.4	**126.45**	**QFP**	**blue-grey qfp, massive, fine chl filled fractures. Fine bt, py and po throughout.**	
Alteration				
121.4	126.45	SIL	silicified, qfp	
Mineralization				
121.4	126.45	PO	fine to med diss po throughout, 1-3%. Band of 3-5% po 122.4-122.45m and 124.35-124.4m.	
121.4	126.45	PY	fine to med diss py throughout, 1-3%	
126.45	**127.55**	**v3-v4**	**Mafic Volcanics?, frequent bands of biotite, po and numerous qz-ca veinlets/stringers oriented 80-90deg TCA. Mod to strong mag throughout. Pale green mineral possibly anthophyllite or jadeite? Strongly foliated. Silicified. Hard. Greenish-brown colour due to bladed green mineral and pyrrhotite and biotite. More pale-brown coloured 127.3-127.55m.**	**80**
Structure				
126.45	127.55	QZ-CA	frequent centimeter scale qz-ca veinlets oriented 80-90deg TCA.	80
Alteration				
126.45	127.55	SIL	silicified	
126.45	127.55	CA	frequent centimeter scale qz-ca veinlets oriented 80-90deg TCA.	80
Mineralization				
126.45	127.55	PO	10-15% fine to coarse po stringers and disseminations.	
127.55	**182.7**	**V4**	**Ultramafic, blue-greenish grey colour. Competent, weak to mod mag throughout, weakly chloritized throughout, Massive to weakly foliated? Frequent dark grey, almost black xenoliths, rounded and harder than surrounding rock, with dark grey coronas surrounding them, range from 0.5-2cm in size, from 131-182.7m. Mafic volcanic, dark green, qz-ca fractures (weakly brecciated?) 156.7-158.8m. Graphitic seams along fracture planes 164.5-165m, 170-171m. Becomes dark green colour approaching underlying unit.**	
Structure				
164.5	165.5	BLOCKY	blocky core	
173.5	174	BLOCKY	blocky core	

Alteration				
127.55	180	CHL	weak to mod chloritization	
127.55	180	CARB	mod to strong pervasive carb alt	
159.6	159.8	BT	weak biotitization	
159.6	159.8	AB	weak bands of albitization? Blue-grey colour, slightly harder than surrounding umaf rock	
165.8	166.7	BT	weak biotitization	
165.8	166.7	AB	weak bands of albitization? Blue-grey colour, slightly harder than surrounding umaf rock	
175.35	182.7	BT	mod biotitization, bands of med to coarse biotite throughout, becomes more strongly bt altered after 180m.	
Mineralization				
159.6	159.8	PO	fine to med po stringers	
159.6	159.8	PY	fine to med py stringers	
165.8	166.7	PO	fine to med po stringers	
165.8	166.7	PY	fine to med py stringers	
175.35	182.7	PO	fine to med po stringers	
175.35	182.7	PY	fine to med py stringers	
182.70	**201.00**	**V4**	**Silicified, hard, dark creamy brown-green colour. Frequent coarse clots and stringers of po (15-20%) to 193.5m and fine cpy. Fine rims of pentlandite and sph around larger clots of po. Dark green mineral throughout, relatively soft and platy, possibly tremolite? Traces of a bright green mineral, soft, possibly a diopside? etc.. Higher concentrations on larger clots of sulfide. Poorly defined foliation/fracture set at 75deg TCA. Presence of green platy mineral (tremolite?) increases greatly from 193.2m to end of hole. XRF values : Ni 0.1-0.22 % ,Zn 0.1-16 % , Cu 0.1-2.1 % , Cr <0.1%**	**75**
Structure				
198.70	199.30	JOINT	jointing, weak blockiness, around qz-ab veinlets within joints. Jointing oriented approx. 10-15% deg TCA. Joint planes are sickensided.	15
Alteration				
182.70	186.00	CALC-SI	Fine to coarse (up to 1cm) diopside crystals (pale bright green), approx. 1-2% overall but strongest from 183.9-184.3m with 2-3%. Seems to follow zones of more qz-ab within quartzite.	
192.65	193.20	CARB	fine pervasive carb alt, possible calcareous sediment? Fine grained sugary quartz alongside the carb	
193.60	195.00	BT	weak biotitization	
195.00	198.00	BT	mod biotitization	
195.00	198.00	CARB	weak pervasive carb alt	

193.20	201.00	CALC-SI	Fine to coarse (up to 1cm) diopside crystals (pale bright green), strongest from 193.9-201m, follows zones of more qz-ab within quartzite. Also present where bt and carb alt are strongest.
Mineralization			
182.70	193.50	PO	frequent med to coarse clots and stringers of po, 15-20% overall
182.70	193.50	CPY	fine to med diss cpy, around 1-2%, locally up to 10% cpy (ex: 193.05-193.1m and 193.15-193.2m)
182.70	193.50	PENT	occasional fine rims or clots of pentlandite around larger po clots
182.70	193.50	SPH	occasional fine rims or clots of sphalerite around larger po clots
193.50	201.00	PO	fine disseminated po, 5-7%
193.50	201.00	CPY	fine disseminated cpy, trace up to 1%

SAMPLES			Surimeau - Spring 2021	
Sample	**From m**	**To m**	**Length**	**DESCRIPTION**
45501	22.3	23.3	1.00	s3
45502				Blank
45503	23.3	24	0.70	s3
45504	24	25	1.00	s3 + chl
45505				Standard
45506	25	26.4	1.40	s3 + chl + sil + tr py, tr po + graphite
45507	26.4	27	0.60	s6gp + py + po
45508	27	28.5	1.50	s6gp + py + po
45509	28.5	30	1.50	s6gp + py + po
45510	30	31.5	1.50	s6gp + py + po + graphite mud
45511	31.5	32.8	1.30	s6gp + py + po + graphite mud
45512				Coarse Reject of previous sample
45513	32.8	33.6	0.80	s3
45514	33.6	35	1.40	s3 + py + po str
45515				Quarter Cut of previous samples
45516	35	36.5	1.50	s3 + py + po str
45517	36.5	38	1.50	s3 + py + po str
45518	38	39.3	1.30	s3
45519	39.3	40.3	1.00	s3
45520	40.3	40.6	0.30	s3 + py + po + tr cpy + tr sph
45521	40.6	41.6	1.00	s6gp + py + po + tr sph + tr pent + tr cpy
45522				Blank
45523	41.6	42.6	1.00	s6gp + py + po + tr sph + tr pent + tr cpy
45524	42.6	44	1.40	s6gp + py + po + tr sph + tr pent + tr cpy
45525	44	45	1.00	mv? Weak bx?
45526	45	46.5	1.50	mv? Weak bx?
45527	46.5	48	1.50	mv? Weak bx?
45528	48	49.5	1.50	mv? Weak bx?
45529	49.5	50.3	0.80	mv? Weak bx?
45530	50.3	51.5	1.20	s6gp + py + po

45531	51.5	52.5	1.00	s6gp + py + po
45532	52.5	54	1.50	s6gp + py + po
45533	54	55.5	1.50	s6gp + py + po
45534	55.5	57	1.50	s6gp + py + po
45535	57	58.5	1.50	s6gp + s3 + tr py + tr po
45536	58.5	60	1.50	s3 + tr py + tr po
45537	60	61.5	1.50	s3 + tr py str
45538	61.5	63	1.50	s3 + tr py str
45539	63	64.05	1.05	s3 + tr py str
45540	64.05	65.2	1.15	s6gp + py + po + cpy + sph
45541	65.2	66.5	1.30	s6gp + py + po
45542				Quarter Cut of previous sample
45543	66.5	68	1.50	s6gp + py + po
45544	68	69.5	1.50	s6gp + py + po
45545				Coarse Reject of previous sample
45546	69.5	71	1.50	s6gp + py + po
45547	71	72.1	1.10	s6gp + py + po
45548	72.1	73.1	1.00	s3? + sil + bt + py + po
45549	73.1	74.1	1.00	s3? + sil + bt + py + po
45550	74.1	75.5	1.40	s3 + bt + ca + py + po
45551	75.5	76.5	1.00	s3 + bt + po + ca + sil
45552				Blank
45553	76.5	77.1	0.60	s3 + sil + py + po + bt
45554	77.1	78	0.90	s6gp + py + po
45555	78	79	1.00	s3 + grapite + py + po
45556	79	80.5	1.50	s3 + grapite + py + po + sil
45557	80.5	81.3	0.80	s3 + sil + py + po
45558	81.3	82	0.70	ultramafic i4? + po + hb + chl + qz + bt + jadeiite?
45559	82	83	1.00	ultramafic i4? + po + hb + chl + qz + bt + jadeiite?
45560	83	84.5	1.50	umaf i4 + plag
45561	84.5	86	1.50	umaf i4 + plag
45562				Coarse Reject of previous sample
45563	86	87.25	1.25	umaf i4 + plag
45564	87.25	88.5	1.25	mv? + ca + chl + bt

45565				Quarter Cut of previous samples
45566	88.5	90	1.50	umaf, i4
45567	90	91.5	1.50	umaf, i4
45568	91.5	93	1.50	umaf, i4
45569	93	94.5	1.50	umaf, i4
45570	94.5	96	1.50	umaf, i4
45571	96	97.5	1.50	umaf, i4
45572				Blank
45573	97.5	99	1.50	umaf, i4
45574	99	100.5	1.50	umaf, i4
45575	100.5	102	1.50	umaf, i4
45576	102	103	1.00	umaf, i4
45577	103	103.75	0.75	umaf, i4
45578	103.75	105	1.25	v3 basalt
45579	105	106.5	1.50	v3 basalt
45580	106.5	108	1.50	v3 basalt
45581	108	109.5	1.50	v3 basalt
45582	109.5	111	1.50	v3 basalt
45583	111	112.5	1.50	v3 basalt
45584	112.5	114	1.50	v3 basalt
45585	114	115.5	1.50	v3 basalt
45586	115.5	117	1.50	v3 basalt
45587	117	117.9	0.90	v3 + bt + tr po + qfp
45588	117.9	119	1.10	v3 + bt + chl + tr po
45589	119	120	1.00	v3 + bt + chl + tr po
45590	120	121.4	1.40	v3 + bt + chl + tr po
45591	121.4	122.5	1.10	qfp + ab?
45592				Quarter Cut of previous sample
45593	122.5	124	1.50	qfp + ab?
45594	124	125.45	1.45	qfp + 5cm po band
45595				Coarse Reject of previous sample
45596	125.45	126.45	1.00	qfp
45597	126.45	127.3	0.85	mv + qz-ca + po + bt + trem-actino
45598	127.3	127.75	0.45	v7 + qz-ca veinlets + bt + chl

45599	127.75	129	1.25	i4
45600	129	130	1.00	i4
45601	130	130.9	0.90	i4
45602				Blank
45603	130.9	132	1.10	i4
45604	132	133.5	1.50	i4
45605	133.5	135	1.50	i4
45606	135	136.5	1.50	i4
45607	136.5	138	1.50	i4
45608	138	139.5	1.50	i4
45609	139.5	141	1.50	i4
45610	141	142.5	1.50	i4
45611	142.5	144	1.50	i4
45612				Coarse Reject of previous sample
45613	144	145.5	1.50	i4
45614	145.5	147	1.50	i4
45615				Quarter Cut of previous samples
45616	147	148.5	1.50	i4
45617	148.5	150	1.50	i4
45618	150	151.5	1.50	i4
45619	151.5	153	1.50	i4
45620	153	154.5	1.50	i4
45621	154.5	156	1.50	i4
45622				Blank
45623	156	156.7	0.70	i4
45624	156.7	158	1.30	v7. maf vol
45625	158	159	1.00	v7. maf vol
45626	159	160	1.00	i4 umaf + py + po + actinolite?
45627	160	161.5	1.50	i4
45628	161.5	163	1.50	i4
45629	163	164.5	1.50	i4
45630	164.5	165.8	1.30	umaf i4 + graphite seam
45631	165.8	166.7	0.90	i4 umaf + bt + py + actinolite
45632	166.7	168	1.30	i4 umaf + bt + py + actinolite

45633	168	169.5	1.50	i4 umaf
45634	169.5	171	1.50	i4 umaf
45635	171	172.5	1.50	i4 umaf
45636	172.5	174	1.50	i4 umaf + hem fracture
45637	174	175.35	1.35	i4
45638	175.35	176.7	1.35	i4 + bt + po
45639	176.7	178	1.30	i4 + bt + po
45640	178	179	1.00	i4 + bt + po
45641	179	180	1.00	i4 + bt + po
45642				Quarter Cut of previous sample
45643	180	181	1.00	v7 + hb + chl? + serpentine?
45644	181	181.9	0.90	v7 + hb + chl? + serpentine?
45645				Coarse Reject of previous sample
45646	181.9	182.7	0.80	v7 + hb + chl? + serpentine?
45647	182.7	184.1	1.40	quartzite + po + diopside
45648	184.1	185.2	1.10	quartzite + po + annabergite
45649	185.2	186.1	0.90	qzite + po
45650	186.1	187.5	1.40	qzite + po + cpy + diopside
45651	187.5	189	1.50	qzite + po + cpy + anna + glauconite?
45652				Blank
45653	189	190.5	1.50	qzite + po + cpy + anna + glauconite?
45654	190.5	192	1.50	qzite + po + cpy + anna + glauconite?
45655				Standard
45656	192	192.65	0.65	qzite + po + cpy + anna + glauconite?
45657	192.65	193.2	0.55	qzite + carb + po + cpy + sph + pent + chert
45658	193.2	194.2	1.00	qzite + bt + po + anna
45659	194.2	195	0.80	qzite + high bt + high anna + fine po + fine cpy
45660	195	196.5	1.50	qzite + glauconite? + anna + po + high bt
45661	196.5	198	1.50	qzite + glauconite? + anna + po + high bt
45662				Coarse Reject of previous sample
45663	198	199	1.00	qzite + glauconite? + anna + po + bt
45664	199	200	1.00	qzite + glauconite? + anna + po + bt
45665				Quarter Cut of previous samples
45666	200	201	1.00	qzite + glauconite? + anna + po + bt

RQD			Surimeau - Spring 2021		HOLE NO:SUR-21-04		PAGE: 3
FROM	TO	Length Core Run	Σ pieces >10cm	RQD %			
9.5	12	2.5	1.1	44.00			
12	15	3	2.4	80.00			
15	18	3	2	66.67			
18	21	3	2.4	80.00			
21	24	3	2.2	73.33			
24	27	3	1	33.33			
27	30	3	0.7	23.33			
30	33	3	1.4	46.67			
33	36	3	2.2	73.33			
36	39	3	2.1	70.00	85.95		
39	42	3	2.5	83.33			
42	45	3	2.9	96.67			
45	48	3	2	66.67			
48	51	3	2.1	70.00			
51	54	3	2.7	90.00			
54	57	3	2.3	76.67			
57	60	3	2.6	86.67			
60	63	3	3	100.00			
63	66	3	3	100.00			
66	69	3	2.5	83.33			
69	72	3	2.2	73.33			
72	75	3	2.9	96.67			
75	78	3	2.9	96.67			
78	81	3	2.9	96.67			
81	84	3	3	100.00			
84	87	3	2.9	96.67			
87	90	3	3	100.00			
90	93	3	3	100.00			
93	96	3	3	100.00			
96	99	3	3	100.00			
99	102	3	3	100.00			

102	105	3	3	100.00
105	108	3	2.9	96.67
108	111	3	2.9	96.67
111	114	3	2.4	80.00
114	117	3	2.2	73.33
117	120	3	2.7	90.00
120	123	3	2.7	90.00
123	126	3	3	100.00
126	129	3	2.9	96.67
129	132	3	3	100.00
132	135	3	2.9	96.67
135	138	3	3	100.00
138	141	3	3	100.00
141	144	3	3	100.00
144	147	3	3	100.00
147	150	3	2.6	86.67
150	153	3	2.2	73.33
153	156	3	2.9	96.67
156	159	3	2.9	96.67
159	162	3	2.9	96.67
162	165	3	2.5	83.33
165	168	3	1.8	60.00
168	171	3	1.9	63.33
171	174	3	2	66.67
174	177	3	2.2	73.33
177	180	3	3	100.00
180	183	3	2.6	86.67
183	186	3	2.9	96.67
186	189	3	3	100.00
189	192	3	3	100.00
192	195	3	3	100.00
195	198	3	3	100.00
198	201	3	2.9	96.67

Box Lengths

Surimeau - Spring 2021 | HOLE NO:SUR-21-04 | PAGE: 5

DDH	Box Number	From m	To m	Box Length	DDH	Box Number	From m	To m	Box Length		
SUR-21-04	1	9.5	14	4.5							
SUR-21-04	2	14	18.3	4.3							
SUR-21-04	3	18.3	22.3	4							
SUR-21-04	4	22.3	26.4	4.1							
SUR-21-04	5	26.4	30	3.6							
SUR-21-04	6	30	34.5	4.5							
SUR-21-04	7	34.5	38.5	4							
SUR-21-04	8	38.5	42.6	4.1							
SUR-21-04	9	42.6	46.7	4.1							
SUR-21-04	10	46.7	50.5	3.8							
SUR-21-04	11	50.5	54.7	4.2							
SUR-21-04	12	54.7	58.8	4.1							
SUR-21-04	13	58.8	63	4.2							
SUR-21-04	14	63	67.2	4.2							
SUR-21-04	15	67.2	71.4	4.2							
SUR-21-04	16	71.4	75.35	3.95							
SUR-21-04	17	75.35	79.7	4.35							
SUR-21-04	18	79.7	83.9	4.2							
SUR-21-04	19	83.9	88.1	4.2							
SUR-21-04	20	88.1	92.4	4.3							
SUR-21-04	21	92.4	96.7	4.3							
SUR-21-04	22	96.7	101	4.3							
SUR-21-04	23	101	105.25	4.25							
SUR-21-04	24	105.25	109.6	4.35							
SUR-21-04	25	109.6	113.8	4.2							
SUR-21-04	26	113.8	117.8	4							
SUR-21-04	27	117.8	122.2	4.4							
SUR-21-04	28	122.2	126.3	4.1							
SUR-21-04	29	126.3	130.65	4.35							
SUR-21-04	30	130.65	135	4.35							
SUR-21-04	31	135	139.2	4.2							

SUR-21-04	32	139.2	143.6	4.4
SUR-21-04	33	143.6	147.85	4.25
SUR-21-04	34	147.85	151.8	3.95
SUR-21-04	35	151.8	156	4.2
SUR-21-04	36	156	160.3	4.3
SUR-21-04	37	160.3	164.5	4.2
SUR-21-04	38	164.5	168.35	3.85
SUR-21-04	39	168.35	172.7	4.35
SUR-21-04	40	172.7	176.7	4
SUR-21-04	41	176.7	180.9	4.2
SUR-21-04	42	180.9	185.2	4.3
SUR-21-04	43	185.2	189.35	4.15
SUR-21-04	44	189.35	193.6	4.25
SUR-21-04	45	193.6	198	4.4
SUR-21-04	46	198	201	3

Minroc Management

Project:	Surimeau - Spring 2021
Hole Number:	**SUR-21-05**
Units of Measurement:	Metres
Location NTS Sheet:	
Township:	
Claim No:	
Grid:	
Easting:	
Northing:	
Elevation:	356
GPS Co-ordinates: (if applicable) Zone:	17U
Datum:	NAD83
Easting:	696603
Northing:	5328128
Collar Dip:	-45
Collar Azimuth:	180
Hole Length:	207
Core Size:	NQ
Recovery (%)	91.67
Logged By:	Francis Newton
Date: Start:	26-Mar-21
Finish:	27-Mar-21
Drilled by:	SMP Drilling
Date: Start:	25-Mar-21
Finish:	27-Mar-21

	INCLINATION TESTS			
	DEPTH	**DIP**	**AZIMUTH**	(RAW)
Mag	**COLLAR**	-45.0	180.0	
57392	18	-43.84	180.02	192.02
55132	69	-43.15	180.07	192.07
55252	129	-41.92	186.66	198.66
55112	180	-38.85	188.64	200.64
			-12	
			-12	
			-12	
			-12	
			-12	

Comments

Same section as PROP20. Covers southern half of volcanic/ultramafic belt. Confirm zones seen in BV-88-1 & 2 (several multi metre intervals of 0.1% to 0.4% Ni). Review stratigraphy logged in V-05 to V-08 (no assays, but descriptions of mineralization)

QA/QC info

Blank 1: Appalache Valley Pierre Decorative Stone

Standard-1: GEOSTATS GMB300-10C email : pjh@geostats.com.au

Minorca Management

FROM	TO	LITHO	Desc	Angle TCA
0	**4.5**	**OB**	**Overburden, blocky**	
4.5	**9.1**	**QFP**	**Blue-grey qfp, massive, fine chl filled fractures. Fine bt, py and po throughout.**	
Alteration				
4.5	9.1	SIL	silicified, qfp	
Mineralization				
4.5	9.1	PO	fine to med diss po throughout, 1-3%	
4.5	9.1	PY	fine to med diss py throughout, 1-3%	
9.1	**11.3**	**S6gp**	**Graphitic siltstone, dark grey to black with fine pyrite and pyrrhotite stringers throughout, Rare cm-scale bands of chert. Weak to mod patchy mag throughout.**	
Structure				
9.1	11.3	BLOCKY	patches of blocky core	
Mineralization				
9.1	11.3	PO,PY	frequent fine po+py stringers, range from 1-2mm thick, approx. 5-7% fine sulfide overall	
11.3	**12.45**	**V4**	**Mafic volcanic? Dark green, blocky. Amphibolized, sharp upper and lower contacts. Massive or poorly defined foliation.**	
Structure				
11.3	12.45	BLOCKY	blocky core	
Alteration				
11.3	12.45	CHL	weak chloritization	
11.3	12.45	HB	weak amphibolization	
12.45	**62.6**	**V4**	**Ultramafic, blue-greenish grey colour. Competent, weak to mod mag throughout, weakly chloritized throughout, Massive to weakly foliated? Frequent dark grey, almost black xenoliths, rounded and harder than surrounding rock, with dark grey coronas surrounding them, range from 0.5-2cm in size. Xenoliths possibly magnetite-bearing as they are magnetic.**	

Structure				
15	16.1	AB	frequent 1-3mm ab fracture-fills, irregular but always sharp.	
Alteration				
12.45	62.6	CHL	weak to mod chloritization	
21	22.95	BT	weak to mod biotitization	
31.15	31.35	HB	weak to mod amphibolization	
35.7	37.25	BT	mod biotitization	
35.7	37.25	CARB	weak to mod pervasive carb alt + occasional 1-10mm ca stringers oriented 90deg TCA	90
62.6	**76.5**	**V4**	**Ultramafic? Similar to above but dark grey xenoliths disappear and the rock itself is weakly deformed with weak foliation at 75deg TCA but seems to occasionally undulate to around 20 deg TCA. There are frequent mm-scale bands or stringers of very fine dark grey-black magnetite (high mag) roughly concordant to foliation. Small-scale fault 67-67.3m with a 1cm greenish carbonate vein containing coarse magnetite crystals. XRF scan on this vein shows up to XRF values: Ni 600ppm, Zn 280ppm Cu 220ppm**	**75**
Structure				
67	67.3	FAULT	small fault, minor amount of ground core, slickensides on fracture planes.	
67	67.05	CA	greenish carbonate vein containing coarse magnetite crystals. XRF values :Ni 600ppm , Zn 280ppm,Cu 220ppm.	30
Alteration				
62.6	76.5	CHL	weak to mod chloritization	
Mineralization				
62.6	76.5	MT	very fine to fine magnetite stringers throughout, dark-grey black. Follows foliation	75
67	67.05	MT	greenish carbonate vein containing coarse magnetite crystals. XRF values :Ni 600ppm,Zn 280ppm,Cu 220ppm.	
76.5	**85.3**	**V4**	**Ultramafic, same as above but the xenoliths reappear. Blue-greenish grey colour. Competent, weak to mod mag throughout, weakly chloritized throughout, Massive to weakly foliated? Frequent dark grey, almost black xenoliths, rounded and harder than surrounding rock, with dark grey coronas surrounding them, range from 0.5-2cm in size. Xenoliths possibly magnetite-bearing as they are magnetic. Bottom of unit is more strongly chloritized and deformed/foliated from 82.95-85.3m, approaching underlying unit.**	

Structure				
82.85	83.2	BLOCKY	blocky core	
84.2	85.3	BLOCKY	blocky core	
82.95	85.3	CA	rare 1mm ca stringers/fracture fills	
Alteration				
76.5	82.95	CHL	weak to mod chloritization	
82.95	85.3	CHL	mod to strong chloritization	
82.5	82.95	BT	weak to mod biotitization	
Mineralization				
82.85	82.95	PO	1-2% fine to med diss po + rare po stringers	
82.85	82.95	PY	1-2% fine to med diss py + rare po stringers	
85.3	**96.7**	**V4**	**Silicified, hard, dark creamy brown-green colour. Frequent coarse clots and stringers of po (15-20%) and fine cpy. Fine rims of pentlandite and sph around larger clots of po. XRF indicates values of Ni ranging 0.1-0.2%, Zn varies greatly from 0.1 to 6%, Cu 0.1-4% etc.. Higher concentrations on larger clots of sulfide. Poorly defined foliation/fracture set at 75deg TCA. Dark green platy mineral to 94m, possibly tremolite? Quartzite becomes more strongly deformed 94.5-96.7 where intensity of sil seems to decrease. XRF values : Ni 0.1-0.2%, Zn 0.1-6%, Cu 0.1-4%.**	**75**
Structure				
94.3	95	BLOCKY	blocky core	
Alteration				
85.3	96.7	BT	weak to mod biotitization, bands of med biotite	
Mineralization				
85.3	94.5	PO	frequent med to coarse clots and stringers of po, 15-20% overall	
85.3	96.7	CPY	fine to med diss cpy, around 1%, occasional coarse clotty cpy in qz-ca and qz stringers (ex: 96.5m)	
85.3	96.7	PENT	occasional fine rims or clots of pentlandite around larger po clots	
85.3	96.7	SPH	occasional fine rims or clots of sphalerite around larger po clots	
94.5	96.7	PO	frequent med to coarse clots and stringers of po, 5-7% overall	

96.7	**120.75**	**V4**	**Ultramafic rock, pale greenish-blue to 103.7, becomes darker blue afterwards. Similar to above ultramafic units with occasional dark grey to black 1-3cm xenoliths containing magnetite (magnetic), weak pervasive carb alt to 103.7m. Occasional patches of med to coarse actinolite? crystals (dark blue-green, bladed), patchy weak to mod mag throughout. Patch of mod mag and fine diss magnetite 105.15-105.6m. Nearly massive unit. Becomes gradually darker green-brown towards bottom of unit**	
Structure				
96.7	97.2	CA	frequent 1mm to 1.5cm ca stringers/fractures with coarse po, pent and sph within them.	
96.7	103.7	CA	very pale greenish-white wispy ca veinlets throughout + pervasive carb alt	
98	99	BLOCKY	blocky core	
107	117	CA	rare and infrequent, very pale greenish-white wispy ca veinlets throughout + pervasive carb alt	
Alteration				
96.7	103.7	CHL	mod to strong chlorite alt	
96.7	103.7	CARB	weak pervasive carb alt	
103.7	115	CHL	weak chloritization	
115	119.5	CHL	mod chloritization	
111.3	113	BT	mod to strong biotitization with rare pale bluish fractures, maybe a weak breccia texture?	
113	120.75	BT	weak to mod biotite alt, occasional med to coarse bt stringers/veinlets (1mm up to 2cm)	
116.5	120.75	CARB	patches of weak to mod pervasive carb alt	
Mineralization				
96.7	97.2	PO	frequent 1mm to 1.5cm ca stringers/fractures with coarse po, pent and sph within them.	
96.7	103.7	PO	very fine disseminated pyrrhotite along margins of faint ca veinlets throughout.	
103.7	120.75	PO	trace to locally 2% fine disseminated pyrrhotite	
120.75	**207**	**S3**	**Greywacke, Bands of silicification similar to quartzite 120.75-121.8m, fine to med grained, mod biotitization throughout. Dark grey-brown colour. Frequent fine to med po stringers throughout, fine chl alongside po. Bedding at 60deg TCA. Fragment of ultramafic rock 136.25-136.35m - dark green, coarse bt, coarse serpentine, traces of sulfide. Occasional bands of silicification (qz-ab) 136.5->156.35m. Possibly fine pinkish-white garnets? very small, hard, from 135-160m. Becomes coarser grained after 159m. Presence of a softish light to dark blue mineral within sediments from 180-186m and again from 193.25-199.4m, XRF shows traces of Mn (500ppm) and Ti (<200ppm) on the blue mineral, possibly kyanite? If kyanite, indicates low-grade blueschist metamorphism. Coarse grained with coarse plagioclase crystals (sandstone?) 192.75-193.25m.**	**60**
Structure				

136.25	136.35	I4	fragment of ultramafic rock? Dark green, sharp contacts conc to foliation, coarse clotty biotite crystals, coarse serpentine. Traces of sulfide. XRF shows values of Ni at 200ppm, Cr at 500ppm and Zn at 200ppm.	
130.65	130.8	BLOCKY	blocky core	
132	139	QZ	1-3mm qz-stringers, very pale and "wispy", irregular orientation	
180.45	180.55	QZ	irregular qz-ab veining in sediments, coarse clotty biotite around vein and on vein walls	
195.5	195.55	QV	white-grey qz with coarse clotty py within vein	
199.75	207	QZ-AB	rare 1-3cm qz-ab veinlets conc to foliation at 70deg TCA	70
202.45	202.65	QV	grey-white qv with coarse green calcite in a fracture alongside vein	
Alteration				
120.75	207	BT	mod biotitization throughout, stronger 120.75-121.8m in quartzite, rare bands of strong biotitization (ex: 128.3-128.45m)	
120.75	121.8	SIL	silicified, quartzite	
120.75	120.85	CHL	weak to mod chloritization at top of unit	
146.8	146.95	SIL	weak sil in sediments, possibly a narrow qfp vein?	
Mineralization				
120.75	121.8	PO	frequent med to coarse clots and stringers of po, 5-10% overall. XRF shows traces of Ni (500ppm), Zn (500ppm) and Cu (200ppm).	
121.8	124.5	PO	occasional (1-3%) po stringers conc to foliation	60
128	131	PO	trace 1-2mm fine po stringers conc to foliation	60
134.4	134.45	PO	2-3mm po stringer conc to foliation	60
136.25	136.35	PO	fragment of ultramafic rock? Dark green, sharp contacts conc to foliation, coarse clotty biotite crystals, coarse serpentine. Traces of sulfide. XRF values: Ni 200ppm, Cr 500pp, Zn 200ppm.	
192	192.75	PY	trace fine to med py	
195.5	195.55	PY	white-grey qz with coarse clotty py within vein	

SAMPLES			Surimeau - Spring 2021			HOLE NO:SUR-21-05		PAGE: 4				
Sample	From m	To m	Length	DESCRIPTION								
45667	4.5	6	1.50	qfp + tr po + tr py								
45668	6	7.5	1.50	qfp + tr po + tr py								
45669	7.5	8.5	1.00	qfp + tr po + tr py								
45670	8.5	9.1	0.60	qfp + tr po + tr py								
45671	9.1	10	0.90	s6gp + chert + ab str + py + cpy str								
45672				Blank								
45673	10	11.3	1.30	s6gp + chert + ab str + py + cpy str								
45674	11.3	12.45	1.15	v7 mv + hb + ca								
45675	12.45	13.5	1.05	i4 umaf								
45676	13.5	15	1.50	i4 umaf								
45677	15	16.5	1.50	i4 umaf + ab str								
45678	16.5	18	1.50	i4 umaf + ab str								
45679	18	19.5	1.50	i4 umaf								
45680	19.5	21	1.50	i4 umaf								
45681	21	22.5	1.50	i4 umaf + bt								
45682	22.5	24	1.50	i4 umaf + bt								
45683	24	25.5	1.50	i4 umaf								
45684	25.5	27	1.50	i4 umaf								
45685	27	28.5	1.50	i4 umaf								
45686	28.5	30	1.50	i4 umaf								
45687	30	31.15	1.15	i4 umaf								
45688	31.15	31.35	0.20	i4 + hb								
45689	31.35	32.5	1.15	i4 umaf								
45690	32.5	34	1.50	i4 umaf								
45691	34	35	1.00	i4 umaf								
45692				Quarter Cut of previous sample								
45693	35	35.7	0.70	i4 umaf								
45694	35.7	36.5	0.80	v7 bx? + ca + bt								
45695				Coarse Reject of previous sample								
45696	36.5	37.25	0.75	v7 bx? + ca + bt								
45697	37.25	38.5	1.25	i4 umaf								
45698	38.5	40	1.50	i4 umaf								
45699	40	41.5	1.50	i4 umaf								

45700	41.5	43	1.50	i4 umaf
45701	43	44.5	1.50	i4 umaf
45702				Blank
45703	44.5	46	1.50	i4 umaf
45704	46	47.5	1.50	i4 umaf
45705	47.5	49	1.50	i4 umaf
45706	49	50.5	1.50	i4 umaf
45707	50.5	52	1.50	i4 umaf
45708	52	53.5	1.50	i4 umaf
45709	53.5	55	1.50	i4 umaf
45710	55	56.5	1.50	i4 umaf
45711	56.5	58	1.50	i4 umaf
45712				Coarse Reject of previous sample
45713	58	59.5	1.50	i4 umaf
45714	59.5	61	1.50	i4 umaf
45715				Quarter Cut of previous samples
45716	61	62.6	1.60	i4 umaf
45717	62.6	64	1.40	i4? Loss of xenoliths, increased def
45718	64	65.5	1.50	i4? Loss of xenoliths, increased def
45719	65.5	66.5	1.00	i4? Loss of xenoliths, increased def
45720	66.5	67.5	1.00	i4 + fault + mt vein
45721	67.5	69	1.50	i4
45722				Blank
45723	69	70.5	1.50	i4
45724	70.5	72	1.50	i4
45725	72	73.5	1.50	i4
45726	73.5	75	1.50	i4
45727	75	76.5	1.50	i4
45728	76.5	78	1.50	i4
45729	78	79.5	1.50	i4
45730	79.5	81	1.50	i4
45731	81	82	1.00	i4
45732	82	82.95	0.95	i4?+ chl + bt
45733	82.95	84	1.05	i4 + chl
45734	84	85.3	1.30	mv? Or v3bx? + chl + hb
45735	85.3	86.5	1.20	qzite + po + py + tr cpy + tr sph + tr pent
45736	86.5	88	1.50	qzite + po + py + tr cpy + tr sph + tr pent
45737	88	89	1.00	qzite + po + py + tr cpy + tr sph + tr pent

45738	89	90	1.00	qzite + po + py + tr cpy + tr sph + tr pent
45739	90	91	1.00	qzite + po + py + tr cpy + tr sph + tr pent
45740	91	92	1.00	qzite + po + py + tr cpy + tr sph + tr pent
45741	92	93	1.00	qzite + po + py + tr cpy + tr sph + tr pent
45742				Quarter Cut of previous sample
45743	93	94	1.00	qzite + po + py + tr cpy + tr sph + tr pent
45744	94	95	1.00	qzite + po + py + tr cpy + tr sph + tr pent
45745				Coarse Reject of previous sample
45746	95	96	1.00	qzite + chl + actinolite + py + po + tr cpy, tr pent, tr sph
45747	96	96.7	0.70	qzite + chl + actinolite + py + po + tr cpy, tr pent, tr sph
45748	96.7	98	1.30	i4? + chl + ca str + po + py + tr sph, tr pent, tr cpy
45749	98	99	1.00	i4 + chl + fol?
45750	99	100.5	1.50	i4, umaf
45751	100.5	102	1.50	i4, umaf
45752				Blank
45753	102	103.5	1.50	i4, umaf
45754	103.5	105	1.50	i4, umaf
45755	105	106.5	1.50	i4, umaf
45756	106.5	108	1.50	i4, umaf
45757	108	109	1.00	i4, umaf
45758	109	110.3	1.30	i4, umaf
45759	110.3	111.3	1.00	i4, umaf
45760	111.3	112.5	1.20	i4 + bt
45761	112.5	114	1.50	i4 + bt + chl
45762				Coarse Reject of previous sample
45763	114	115	1.00	i4 + carb + hb?
45764	115	116.5	1.50	i4 + chl + qz-ca + bt
45765				Quarter Cut of previous samples
45766	116.5	118	1.50	i4 + chl + bt + ca
45767	118	119.5	1.50	i4 + chl + bt + ca
45768	119.5	120.75	1.25	i4
45769	120.75	122	1.25	s3 + qzite + po (5-10%)
45770	122	123	1.00	s3 + qzite + po (5-10%)
45771	123	124.5	1.50	s3
45772				Blank
45773	124.5	126	1.50	s3
45774	126	127.5	1.50	s3
45775	127.5	129	1.50	s3

45776	129	130.5	1.50	s3
45777	130.5	132	1.50	s3
45778	132	133.5	1.50	s3
45779	133.5	135	1.50	s3
45780	135	136.5	1.50	s3 + umaf fgmt
45781	136.5	138	1.50	s3
45782	138	139.5	1.50	s3
45783	139.5	141	1.50	s3
45784	141	142.5	1.50	s3
45785	142.5	144	1.50	s3
45786	144	145.5	1.50	s3
45787	145.5	147	1.50	s3
45788	147	148.5	1.50	s3
45789	148.5	150	1.50	s3
45790	150	151.5	1.50	s3
45791	151.5	153	1.50	s3
45792				Quarter Cut of previous sample
45793	153	154.5	1.50	s3
45794	154.5	156	1.50	s3
45795				Coarse Reject of previous sample
45796	156	157.5	1.50	s3
45797	157.5	159	1.50	s3
45798	159	160.5	1.50	s3
45799	160.5	162	1.50	s3
45800	162	163.5	1.50	s3
45801	163.5	165	1.50	s3
45802				Blank
45803	165	166.5	1.50	s3
45804	166.5	168	1.50	s3
45805				Standard
45806	168	169.5	1.50	s3
45807	169.5	171	1.50	s3
45808	171	172.5	1.50	s3
45809	172.5	174	1.50	s3
45810	174	175.5	1.50	s3
45811	175.5	177	1.50	s3
45812				Coarse Reject of previous sample
45813	177	178.5	1.50	s3

45814	178.5	180	1.50	s3
45815				Quarter Cut of previous samples
45816	180	181	1.00	s3 + pale to dark blue mineral
45817	181	182.5	1.50	s3 + pale to dark blue mineral
45818	182.5	183.5	1.00	s3 + pale to dark blue mineral
45819	183.5	184.5	1.00	s3 + pale to dark blue mineral
45820	184.5	186	1.50	s3
45821	186	187.5	1.50	s3
45822				Blank
45823	187.5	189	1.50	s3
45824	189	190.5	1.50	s3
45825	190.5	192	1.50	s3
45826	192	193.5	1.50	s3, coarser grained
45827	193.5	195	1.50	s3 + chl band with qz-ab + py
45828	195	196	1.00	s3 + qv + py
45829	196	197.5	1.50	s3
45830	197.5	199	1.50	
45831	199	200	1.00	
45832	200	201	1.00	
45833	201	202	1.00	
45834	202	203	1.00	s3 + qz str with epi, chl, py
45835	203	204.5	1.50	s3
45836	204.5	206	1.50	
45837	206	207	1.00	

RQD			Surimeau - Spring 2021		HOLE NO:SUR-21-05	PAGE: 3
FROM	TO	Length Core Run	Σ pieces >10cm	RQD %		
4.5	6	1.5	1.1	73.33		
6	9	3	2.3	76.67		
9	12	3	1.4	46.67		
12	15	3	2.5	83.33		
15	18	3	3	100.00		
18	21	3	2.9	96.67		
21	24	3	2.6	86.67		
24	27	3	3	100.00		
27	30	3	3	100.00		
30	33	3	3	100.00	91.67	
33	36	3	3	100.00		
36	39	3	3	100.00		
39	42	3	3	100.00		
42	45	3	3	100.00		
45	48	3	3	100.00		
48	51	3	3	100.00		
51	54	3	3	100.00		
54	57	3	3	100.00		
57	60	3	2.8	93.33		
60	63	3	3	100.00		
63	66	3	2.9	96.67		
66	69	3	2.7	90.00		
69	72	3	2.9	96.67		
72	75	3	3	100.00		
75	78	3	3	100.00		
78	81	3	2.9	96.67		
81	84	3	2	66.67		
84	87	3	1.7	56.67		
87	90	3	3	100.00		
90	93	3	3	100.00		
93	96	3	2.2	73.33		

96	99	3	2.5	83.33
99	102	3	3	100.00
102	105	3	2.9	96.67
105	108	3	2.9	96.67
108	111	3	3	100.00
111	114	3	2.3	76.67
114	117	3	3	100.00
117	120	3	2.9	96.67
120	123	3	2.6	86.67
123	126	3	2.6	86.67
126	129	3	2.8	93.33
129	132	3	2.1	70.00
132	135	3	2.8	93.33
135	138	3	3	100.00
138	141	3	2.8	93.33
141	144	3	2	66.67
144	147	3	3	100.00
147	150	3	2.8	93.33
150	153	3	2.4	80.00
153	156	3	2.8	93.33
156	159	3	2.9	96.67
159	162	3	2.8	93.33
162	165	3	2.8	93.33
165	168	3	2.8	93.33
168	171	3	2.6	86.67
171	174	3	2.6	86.67
174	177	3	3	100.00
177	180	3	2.9	96.67
180	183	3	3	100.00
183	186	3	2.8	93.33
186	189	3	2.8	93.33
189	192	3	2.9	96.67
192	195	3	2.9	96.67
195	198	3	2.8	93.33
198	201	3	2.8	93.33
201	204	3	3	100.00
204	207	3	2.6	86.67

Box Lengths			Surimeau - Spring 2021			HOLE NO:SUR-21-05			PAGE: 5	
DDH	Box Number	From m	To m	Box Length	DDH	Box Number	From m	To m	Box Length	
SUR-21-05	1	4.5	8.1	3.6						
SUR-21-05	2	8.1	11.9	3.8						
SUR-21-05	3	11.9	16.1	4.2						
SUR-21-05	4	16.1	20.55	4.45						
SUR-21-05	5	20.55	24.6	4.05						
SUR-21-05	6	24.6	28.95	4.35						
SUR-21-05	7	28.95	33.2	4.25						
SUR-21-05	8	33.2	37.6	4.4						
SUR-21-05	9	37.6	41.9	4.3						
SUR-21-05	10	41.9	46	4.1						
SUR-21-05	11	46	50.4	4.4						
SUR-21-05	12	50.4	54.55	4.15						
SUR-21-05	13	54.55	58.9	4.35						
SUR-21-05	14	58.9	63.15	4.25						
SUR-21-05	15	63.15	67.55	4.4						
SUR-21-05	16	67.55	71.95	4.4						
SUR-21-05	17	71.95	76.1	4.15						
SUR-21-05	18	76.1	80.4	4.3						
SUR-21-05	19	80.4	84.55	4.15						
SUR-21-05	20	84.55	88.75	4.2						
SUR-21-05	21	88.75	93	4.25						
SUR-21-05	22	93	97.2	4.2						
SUR-21-05	23	97.2	101.15	3.95						
SUR-21-05	24	101.15	105.3	4.15						
SUR-21-05	25	105.3	109.7	4.4						
SUR-21-05	26	109.7	113.9	4.2						
SUR-21-05	27	113.9	118.15	4.25						
SUR-21-05	28	118.15	122.4	4.25						
SUR-21-05	29	122.4	126.65	4.25						
SUR-21-05	30	126.65	130.8	4.15						
SUR-21-05	31	130.8	135.1	4.3						

SUR-21-05	32	135.1	139.4	4.3
SUR-21-05	33	139.4	143.6	4.2
SUR-21-05	34	143.6	147.75	4.15
SUR-21-05	35	147.75	152.25	4.5
SUR-21-05	36	152.25	156.35	4.1
SUR-21-05	37	156.35	160.6	4.25
SUR-21-05	38	160.6	165	4.4
SUR-21-05	39	165	169.3	4.3
SUR-21-05	40	169.3	173.6	4.3
SUR-21-05	41	173.6	178	4.4
SUR-21-05	42	178	182.25	4.25
SUR-21-05	43	182.25	186.35	4.1
SUR-21-05	44	186.35	190.5	4.15
SUR-21-05	45	190.5	194.85	4.35
SUR-21-05	46	194.85	199.15	4.3
SUR-21-05	47	199.15	203.4	4.25
SUR-21-05	48	203.4	207	3.6

Minroc Management

Project:		Surimeau - Spring 2021
Hole Number:		**SUR-21-06**
Units of Measurement:		Metres
Location	**NTS Sheet:**	
	Township:	
	Claim No:	
	Grid:	
	Easting:	
	Northing:	
	Elevation:	353
GPS Co-ordinates:	**Zone:**	17U
(if applicable)	**Datum:**	NAD83
	Easting:	696853
	Northing:	5328320
Collar Dip:		-45
Collar Azimuth:		180
Hole Length:		204
Core Size:		NQ
Recovery (%)		0.00
Logged By:		Francis Newton
Date:	**Start:**	27-Mar-21
	Finish:	28-Mar-21
Drilled by:		SMP Drilling
Date:	**Start:**	27-Mar-21
	Finish:	28-Mar-21

	INCLINATION TESTS			
	DEPTH	**DIP**	**AZIMUTH**	(RAW)
Mag	**COLLAR**	-45.0	180.0	
55634	21	-43.28	184.53	196.53
54829	72	-40.41	188.93	200.93
54801	123	-39.23	187.23	199.23

Comments
Same section as PROP19. Covers northern half of volcanic/ultramafic belt. Test northern horizon targeted by "BL" historic DDH (no assays, but multi sulphide mineralization described). Locate extension of zone seen in P152 (1.28% Zn over 11.43m; about 70m east)
QA/QC info
Blank 1: Appalache Valley Pierre Decorative Stone
Standard-1: GEOSTATS GMB300-10C email : pjh@geostats.com.au

Minroc Management

FROM	TO	LITHO	Desc	Angle TCA
0	**4.5**	**OB**	**Overburden, 10cm fragment of granite**	
4.5	**77.75**	**S6, S6gp**	**Wacke, light to med grey, fine to med grained, bedding at 80-85deg TCA. Quartz-biotite-muscovite matrix. Rare 1-3mm qz stringers generally oriented 70-80deg TCA. Occasional bands of porphyroblastic muscovite-cordierite (18.7-22.3m), grains 1-4mm in size. Band(s) of dark blue-grey cordierite? 1-3mm in size 5.35-5.55m, 17-19m, 33-34.1m. Frequent 3-5mm weathered staurolite crystals (pale brown colour, anhedral) 9-9.5m and 17-19m, 63-65.5m. Frequent bands of graphitic siltstone from 65.5m (65.5-66.15m, 68.1-68.6m, 687.85-69m, rock 61.8m-73.3m is coarser grained, soft, contains numerous graphite-filled fractures and contorted bedding, possibly a weak breccia?**	**80**
Structure				
4.5	8	BLOCKY	blocky core	
5	5.2	QV	qz/qz-ab vein, irregular, cross-cuts foliation at approx. 50deg TCA. Cluster of 1-2mm pinkish-white garnet crystals and coarse clotty bt on upper contact of vein.	
13.5	15.4	BLOCKY	blocky core	
14.4	14.7	QV	quartz vein, grey-white colour, coarse albite within an along vein	
18.95	19.1	QV	blue-greyish qv, sharp upper contact, gradual lower contact, fine muscovite+bt within vein	
26.4	26.65	CA	carb-filled fracture with wispy chl alt around it	
33	36	QZ-MS-BT	frequent 1-5cm qz-ms-bt veins conc to fol at 85deg TCA, coarse muscovite and med to coarse bt along vein walls.	
39.15	39.2	QZ-MS-BT-CHL	qz-ms-bt-chl veinlet, oriented 90deg TCA, clotty chl and bt along and within center of vein	90
42.35	42.5	QV	white qv, oriented 75deg TCA	75
45		QV	wispy greyish qz stringers, generally conc to bedding at 80deg TCA but occasionally cross-cut	80
50.6	51	QZ-AB	rounded qz-ab vein fragments with coarse clotty chl along vein walls	
71.6	72.9	BLOCKY	blocky core	
Alteration				
12.7	13.2	MS	weak muscovite alt around minor qz-stringers in greywacke	
13.2	14.1	BT	strong bt alt, rock is >50% bt	
26.4	26.65	CHL	weak wispy chl alt around carb-filled fracture	
39.2	39.3	CHL	band of weak to mod chloritization	
39.45	39.6	CHL	band of weak to mod chloritization	

50.6	51	CHL	band of weak to mod chloritization	
51.3	51.4	CHL	band of weak to mod biotitization and chloritization	
51.3	51.4	BT	band of weak to mod biotitization and chloritization	
67.5	68.1	BT	strong bt alt, rock is >50% bt, bt schist?	
68.6	68.85	SIL	band of weak to mod silicification	
73.3	77	BT	strong biotitization? Core is brownish in this interval, coarse grained	
Mineralization				
53.5	54	PY	3-5mm flat py crystals along fracture plane	
65.5	69	PO	frequent 1-5mm po veinlets and stringers concordant to bedding, + rare 0.5-1m po sedimentary nodules, stronger mineralization in bands of graphitic siltstone. Up to 5% po 68.6-68.85m in band of silicification.	85
69	77.75	PY	frequent 1-2mm py stringers at various orientations + rare po stringers	
77.75	**81**	**S3-V4**	**Quartzite, strongly albitized, bedded at 80deg TCA. Dark grey-brown colour. Well mineralized with frequent py and po stringers concordant to bedding. Mod to strong mag throughout. Sharp upper contact, gradual lower contact into underlying graphitic sediments.**	**80**
Alteration				
77.75	81	BT	weak to mod biotitization throughout	
77.75	81	CALC-SI	Green, fine to medium grain (1-2mm). Plagioclase matrix with Cr diopside-Cr tremolite with occasional Cr grossular. Biotite foliated layers appearing from 68.3m down to the end of unit. Hosting 5% plagioclase veins stringers of varied orientation. Crowded coarse crystallized anthophyllite from 69.4m. Pyrrhotite bearing.	
Mineralization				
77.75	81	PY	frequent med to coarse clots and stringers of po, 15-20% overall	
77.75	81	PY	occasional fine py stringers + py clots in centre of larger po clots/stringers. 3-4% overall	
77.75	81	CPY	trace med clotty cpy	
81	**95.2**	**S6gp**	**graphitic siltstone, dark grey-black with pyrite and pyrrhotite stringers and sedimentary nodules. Black, fine to med grained, bedding at approx. 70deg TCA. Mod mag throughout. XRF shows max values of Zn (up to 2%), Ni (up to 0.2%) and Cu (up to 0.2%), sphalerite and pentlandite often within larger clots of po, traces of cpy. Wacke-sediments 93.3-94.1m. This unit contains significantly more pyrite than the one seen in SUR-21-04.. XRF values : Ni 0.2% , Zn 0.1-2 % , Cu 0.2 %**	**70**
Structure				
83.2	83.3	BLOCKY	blocky core	

Mineralization				
81	95.2	PO	frequent po+py stringers and sedimentary nodules ranging from 1mm up to 2m thick. Sedimentary nodules often contain quartz. Approx. 10-15% sulfide overall, sphalerite and pentlandite often within larger clots of po, traces of cpy	
81	95.2	PY	frequent po+py stringers and sedimentary nodules ranging from 1mm up to 2m thick. Sedimentary nodules often contain quartz. Approx. 10-15% sulfide overall, sphalerite and pentlandite often within larger clots of po, traces of cpy	
81	95.2	SPH	trace sph, often found within larger clots of po,py	
81	95.2	PENT	trace pentlandite, often found within larger clots of po,py	
81	95.2	CPY	trace cpy, often found within larger clots of po,py	
95.2	**99.3**	**V3**	**Mafic volcanic? Coarse grained, grey with faint green hue. Patchy weak mag. Very gradual upper contact, sharp lower contact. Mod to strongly biotitized. Poorly defined foliation.**	
Alteration				
95.2	99.3	BT	mod to strong biotitization	
Mineralization				
95.2	99.3	PY	trace fine to med py	
99.3	**100.45**	**S3-V4**	**Quartzite, dark brown to 99.65, paler grey-brown 99.65-100.45m Extremely well mineralized with sphalerite, po, py and tr cpy and pentlandite 99.3-9.65 with XRF readings of up to 5% Zn, 0.2%Ni, 0.15% Cu. Mod mag throughout. Well defined bedding/foliation at 70deg TCA. XRF values : Ni 0.2 % . Zn 0.1-5 % . Cu 0.15 %**	**70**
Alteration				
99.3	99.65	BT	weak to mod biotitization	
99.65	100.45	BT	weak biotitization	
Mineralization				
99.3	99.65	SPH	bands of coarse sphalerite, 15% sph	
99.3	99.65	PO	bands of coarse po, 10-15%	
99.3	99.65	PENT	traces of pentlandite	
99.3	99.65	CPY	traces of cpy	
99.65	100.45	PY	trace to 1% fine to med diss py	
100.45	**101.6**	**V4**	**Calc-Silicate (Listwanite)? Silicified, greenish-grey-brown colour, looks like quartzite, green platy softish mineral throughout (actinolite?). Very gradual lower contact into ultramafics below. Foliation at 70-80deg TCA.**	**75**

Alteration				
100.45	101	BT	weak to mod bt alt, bt bands ranging from 1-2cm conc to fol	75
Mineralization				
100.45	100.9	PO	occasional 1-5mm po stringers, gradually decreases to trace po to 100.9m.	75
100.45	100.9	PY	trace fine to med py	
101.6	**128.75**	**V4**	**Ultramafic, dark green to brownish, trace weak to mod mag, coarse clotty biotite 102.5m with occasional coarse patches of Bt thereafter. Occasional pale fractures filled with a pale bluish-green soft mineral. Rare qz-ca and ca fractures/veinlets (ex 102.85m). Rock is dense and heavy. Fresh surface shows bladed mineral, serpentine? Weak, poorly defined foliation. 106.1-107.1 and 125.5-128.15m possibly volcanic breccia? Dark green with frequent irregular ca stringers.**	
Structure				
106.1	107.1	CA	frequent 0.5-3cm ca stringers at various orientations	
125.5	128.15	CA	frequent 0.5-3cm ca stringers at various orientations	
Alteration				
101.6	128.75	CHL	weak chloritization?	
101.6	102.5	BT	frequent bands of strong biotitization	
102.5	128.15	BT	occasional band of weak to mod biotitization	
128.15	128.75	BT	mod to strong biotitization	
Mineralization				
108	109.2	PO	1% fine to med diss po	
108	109.2	PY	trace fine to med py	
109.2	128.75	PO	trace to 1% fine to med diss po	
128.75	**132.05**	**QFP**	**QFP, blue-grey, competent, hard, biotite altered, gradual upper and lower contacts. Weak mag throughout.**	
Alteration				
128.75	132.05	BT	weak biotitization	
Mineralization				
128.75	132.05	PO	trace to 1% fine to med diss po	
128.75	132.05	PY	trace to 1% fine to med diss py	

132.05	**133.15**	**V4**	**Calc-Silicate ,Dark grey-brown, significant sulfide - frequent bands of sphalerite, pyrrhotite, clotty py and traces of cpy and pentlandite. XRF shows values of up to 2% Zn, up to 0.2% Ni and 500ppm Cu. Bedding/foliation at 70deg TCA. XRF values : Ni 0.2% , Zn 2 %, Cu 500 ppm**	
Alteration				
132.05	133.15	SIL	silicified	
Mineralization				
132.05	133.15	PO,PY	frequent bands of coarse po and clotty py, around 10% overall	
132.05	133.15	SPH	frequent bands of sph, mm to 2cm thick, approx. 15% overall	
132.05	133.15	CPY	trace py	
133.15	**140.75**	**V4**	**Calc-Silicate (Listwanite)? Silicified, greenish-grey-brown colour, looks like quartzite, green platy softish mineral throughout (actinolite?). Very gradual lower contact into ultramafics below. Foliation at 70-80deg TCA. Rare 3-5mm ca stringers at various orientations but generally conc to fol throughout. Fine rims of pentlandite and sph around larger clots of po. Dark green mineral throughout, relatively soft and platy, possibly tremolite? Traces of a bright green mineral, soft, possibly a diopside? Occasional patches of mod to strong biotitization (134.15-135.65m, 136.7-137m. Band of strong sil graphitic mudstone 138.15-139.5m, XRF scans in this interval show up to 0.5% Ni, 980ppm Co, 260ppm Cu, 330ppm Zn.**	**75**
Alteration				
134.15	135.65	BT	mod to strong biotitization	
135.25	135.45	CA	mod pervasive carb alt	
136.7	137	BT	mod to strong biotitization	
138.15	139.5	SIL	silicified	
Mineralization				
133.15	135.35	PO	trace med to coarse po	
135.35	135.65	PO	5-7% fine to coarse diss po	
135.35	135.65	PY	5-7% fine to coarse diss py	
135.65	138.15	PO	trace med to coarse po	
138.15	139.5	PENT	coarse clotty pent and fine pent stringers in band of graphitic mudstone, XRF shows up to 0.5% Ni	
138.15	139.5	PO	coarse clotty po and fine po stringers in band of graphitic mudstone	
139.5	140.75	PO	trace to 1% fine to med diss po	

140.75	**146**	**V3**	**Mafic volcanics? Dark green, similar to the ultramafic but dark green, occasional qz-ca and ca stringers/veinlets. Poorly defined foliation. Patchy weak mag. Frequent 3-5mm weathered staurolite crystals (pale brown colour, anhedral). Band of strong mineralization (po+sph+pent, 20% sulfide overall) + traces of cpy, sphalerite and pentlandite from 143.15-143.8m, XRF scans show up to 0.1%Ni, 0.8% Zn, 250ppm Cu, 900ppm Co. 2-3mm garnet crystals following band of mineralization. Poorly defined foliation, possibly at 75deg TCA?**	**75**
Alteration				
140.75	146	BT	weak to mod biotitization	
140.75	146	HB	weakly amphibolized?	
142.2	142.25	CA	weak pervasive carb alt	
143.15	143.6	CA	weak pervasive carb alt	
Mineralization				
140.75	143.15	PO	trace fine to med po	
143.15	143.8	PO	fine to med po stringers	
143.15	143.8	SPH	fine to med sph stringers, alongside po	
143.15	143.8	PENT	fine to med pentlandite stringers, alongside po	
143.15	143.8	CPY	trace fine to med cpy	
146	**204**	**V4**	**Ultramafic, blue-greenish grey colour. Competent, weak to mod mag throughout, weakly chloritized throughout, Massive to weakly foliated? Frequent dark grey, almost black xenoliths, rounded and harder than surrounding rock, with dark grey coronas surrounding them, range from 0.5-2cm in size, from 156m. Possibly weak brecciation? Ex:165-170m, very weak carb alt in interstitial material between clasts? Graphite seams 181.5-182.35m, blocky**	
Structure				
154	156	BX	possible weak brecciation? Very weak carb alt in interstitial material between clasts, clasts are slightly darker blue-grey	
165	170	BX	possible weak brecciation? Very weak carb alt in interstitial material between clasts, clasts are slightly darker blue-grey	
179.5	179.55	CA	irregular ca veinlet oriented 50deg TCA	50
181.5	183	BLOCKY	blocky core, graphite seams	
186.8	188	BX	possible weak brecciation? Very weak carb alt in interstitial material between clasts, clasts are slightly darker blue-grey	
Alteration				
146	201	CHL	weak chloritization?	
154	156	CARB	very weak to weak carb alt in interstitial material between clasts in breccia?	

165	170	CARB	very weak to weak carb alt in interstitial material between clasts in breccia?	
191	192.5	CARB	very weak pervasive carb alt + ca fractures/veinlets	
Mineralization				
155	156	PY	trace fine to med py	
155	156	PO	trace fine to med po	
158	159	PY	trace fine to med py	
158	159	PO	trace fine to med po	
171.5	172.6	PY	trace fine to med py	
171.5	172.6	PO	trace fine to med po	
179	179.1	HEM	hematite fracture at 45deg TCA	45
180.5	181	PY	fine py stringers at 40deg TCA	
180.5	181	MT	fine mt stringers/fractures	
191	204	PO	1-2% fine to med diss po crystals	

SAMPLES			Surimeau - Spring 2021			HOLE NO:SUR-21-06		PAGE: 4			
Sample	**From m**	**To m**	**Length**	**DESCRIPTION**	**Au g/t**						
45838	6.7	7.7	1.00	s3 + chl fracs + cordierite							
45839	12.5	13.5	1.00	s3 + qz str							
45840	13.5	14.4	0.90	s3 + qz str							
45841	14.4	15	0.60	qv + s3							
45842				Quarter Cut of previous sample							
45843	15	16	1.00	s3							
45844	16	17.5	1.50	s3 + cd							
45845				Coarse Reject of previous sample							
45846	17.5	18.5	1.00	s3 + cd							
45847	18.5	20	1.50	s3 + qv							
45848	20	21.5	1.50	s3							
45849	21.5	23	1.50	s3							
45850	23	24.5	1.50	s3							
45851	24.5	26	1.50	s3							
45852				Blank							
45853	26	27	1.00	s3 + chl frac							
45854	27	28.5	1.50	s3							
45855	28.5	30	1.50	s3							
45856	30	31	1.00	s3							
45857	31	32	1.00	s3							
45858	32	33	1.00	s3							
45859	33	34.5	1.50	s3 + cd + qz-ms-bt veins							
45860	34.5	36	1.50	s3 + cd + qz-ms-bt veins							
45861	36	37.5	1.50	s3							
45862				Coarse Reject of previous sample							
45863	37.5	39	1.50	s3							
45864	39	40	1.00	s3 + chl + qz-ms-bt veinlets							
45865				Quarter Cut of previous samples							
45866	40	41	1.00	s3							
45867	41	42	1.00	s3							
45868	42	42.5	0.50	s3 + qv							
45869	42.5	44	1.50	s3							
45870	44	45.5	1.50	s3							

45871	45.5	47	1.50	s3
45872				Blank
45873	47	48.5	1.50	s3
45874	48.5	50	1.50	s3
45875	50	51	1.00	s3 + chl + hb + ca str
45876	51	52	1.00	s3 + chl + bt
45877	52	53.5	1.50	s3
45878	53.5	55	1.50	s3
45879	55	56.5	1.50	s3
45880	56.5	58	1.50	s3
45881	58	59.5	1.50	s3
45882	59.5	61	1.50	s3
45883	61	62.5	1.50	s3 + graphite + tr py
45884	62.5	64	1.50	s3 + graphite + cd + staur
45885	64	65.5	1.50	s3 + cd + staur
45886	65.5	66.15	0.65	s3 + s6gp + po
45887	66.15	67.5	1.35	s3 + tr po
45888	67.5	68.1	0.60	s3 + bt
45889	68.1	68.6	0.50	s6gp + po
45890	68.6	69.8	1.20	s3 + s6gp + po str
45891	69.8	71.3	1.50	s6gp + py str + tr po + chl str
45892				Quarter Cut of previous sample
45893	71.3	72	0.70	s6gp + py str + tr po + chl str
45894	72	73.3	1.30	s6gp + py str + tr po + chl str
45895				Coarse Reject of previous sample
45896	73.3	74.5	1.20	s3
45897	74.5	76	1.50	s3 + bt
45898	76	77	1.00	s3 + bt
45899	77	77.75	0.75	s3 + graphite + py str + po str
45900	77.75	79	1.25	qzite + py + po + tr cpy
45901	79	80	1.00	qzite + py + po + tr cpy
45902				Blank
45903	80	81	1.00	qzite + s6gp + py + po + cpy
45904	81	82.5	1.50	s6gp + po + py + tr cpy
45905	82.5	84	1.50	s6gp + po + py + tr cpy
45906	84	85	1.00	s6gp + po + py + tr cpy
45907	85	86	1.00	s6gp + po + py + tr cpy + chl band
45908	86	87.5	1.50	s6gp + py + po + tr cpy

45909	87.5	89	1.50	s6gp + py + po + tr cpy
45910	89	90.5	1.50	s6gp + py + po + tr cpy
45911	90.5	92	1.50	s6gp + py + po + tr cpy
45912				Coarse Reject of previous sample
45913	92	93.5	1.50	s6gp + py + po + tr cpy
45914	93.5	94.1	0.60	s3 + graphite + py + po
45915				Quarter Cut of previous samples
45916	94.1	95.2	1.10	s6gp + py + po + tr cpy
45917	95.2	96	0.80	s3 + tr py
45918	96	97.5	1.50	s3 + bt
45919	97.5	98.5	1.00	s3 + bt
45920	98.5	99.3	0.80	s3 + bt
45921	99.3	99.65	0.35	qzite + po + py + sph
45922				Blank
45923	99.65	100.45	0.80	qzite + tr po + tr py
45924	100.45	100.9	0.45	qzite/listwanite? + green platy mineral
45925	100.9	101.6	0.70	qzite + tr po + tr py
45926	101.6	102.5	0.90	i4 umaf
45927	102.5	104	1.50	i4 umaf
45928	104	105.5	1.50	i4 umaf
45929	105.5	106.1	0.60	i4 umaf
45930	106.1	107.1	1.00	i4 or v7bx?
45931	107.1	108	0.90	i4 umaf
45932	108	109.2	1.20	i4 + 1% diss po
45933	109.2	110.5	1.30	i4 umaf
45934	110.5	111.5	1.00	i4 umaf
45935	111.5	113	1.50	i4 umaf
45936	113	114.5	1.50	i4 umaf
45937	114.5	116	1.50	i4 umaf
45938	116	117.5	1.50	i4 umaf
45939	117.5	119	1.50	i4 umaf
45940	119	120.5	1.50	i4 umaf
45941	120.5	122	1.50	i4 umaf
45942				Quarter Cut of previous sample
45943	122	123.5	1.50	i4 umaf
45944	123.5	125	1.50	i4 umaf
45945				Coarse Reject of previous sample
45946	125	126.5	1.50	i4 or v7bx?

45947	126.5	128	1.50	i4 or v7bx?
45948	128	128.7	0.70	i4 or v7bx?
45949	128.7	130.2	1.50	qfp
45950	130.2	131.2	1.00	qfp
45951	131.2	132.05	0.85	qfp
45952				Blank
45953	132.05	133.15	1.10	qzite / listwanite? + py + po + tr sph
45954	133.15	134.65	1.50	qzite / listwanite? + py + po + tr sph
45955				Standard
45956	134.65	135.65	1.00	qzite / listwanite? + py + po + tr sph
45957	135.65	137	1.35	qzite / listwanite? + py + po + tr sph
45958	137	138.15	1.15	qzite / listwanite? + py + po + tr sph
45959	138.15	139.5	1.35	qzite + po str + py str + sil
45960	139.5	140.65	1.15	qzite / listwanite? + bt + po
45961	140.65	141.5	0.85	i4 umaf? + garnet
45962				Coarse Reject of previous sample
45963	141.5	142.2	0.70	i4 umaf? + garnet
45964	142.2	143.15	0.95	i4 / mv + garnet + tr po
45965				Quarter Cut of previous samples
45966	143.15	143.6	0.45	i4 / mv + po + py str + ca
45967	143.6	144.5	0.90	mv + qz-ca str
45968	144.5	146	1.50	mv + qz-ca str
45969	146	147.5	1.50	i4, umaf
45970	147.5	149	1.50	i4, umaf
45971	149	150.5	1.50	i4, umaf
45972				Blank
45973	150.5	152	1.50	i4, umaf
45974	152	153.5	1.50	i4, umaf
45975	153.5	155	1.50	i4, umaf
45976	155	156.5	1.50	i4, umaf
45977	156.5	158	1.50	i4, umaf
45978	158	159.5	1.50	i4, umaf
45979	159.5	161	1.50	i4, umaf
45980	161	162.5	1.50	i4, umaf
45981	162.5	164	1.50	i4, umaf
45982	164	165.5	1.50	i4, umaf
45983	165.5	167	1.50	i4, umaf
45984	167	168.5	1.50	i4, umaf

45985	168.5	170	1.50	i4, umaf
45986	170	171.5	1.50	i4, umaf
45987	171.5	173	1.50	i4 + tr py
45988	173	174.5	1.50	i4 + tr py
45989	174.5	176	1.50	i4, umaf
45990	176	177.5	1.50	i4, umaf
45991	177.5	179	1.50	i4, umaf
45992				Quarter Cut of previous sample
45993	179	180.5	1.50	i4 + ca str
45994	180.5	182	1.50	i4 + graphite seamds + ca fracs + blocky
45995				Coarse Reject of previous sample
45996	182	183.5	1.50	i4
45997	183.5	185	1.50	i4
45998	185	186.5	1.50	i4
45999	186.5	188	1.50	i4
46000	188	189.5	1.50	i4
46001	189.5	191	1.50	i4
46002				Blank
46003	191	192.5	1.50	i4 + py + qz-ab
46004	192.5	194	1.50	i4, umaf
46005	194	195.5	1.50	i4, umaf
46006	195.5	197	1.50	i4, umaf
46007	197	198.5	1.50	i4, umaf
46008	198.5	200	1.50	i4, umaf
46009	200	201.5	1.50	i4, umaf
46010	201.5	203	1.50	i4, umaf
46011	203	204	1.00	i4, umaf
46012				Coarse Reject of previous sample

RQD			Surimeau - Spring 2021		HOLE NO:SUR-21-06		PAGE: 3
FROM	TO	Length Core Run	Σ pieces >10cm	RQD %			
4.5	6	1.5	1	66.67			
6	9	3	1.7	56.67			
9	12	3	2.7	90.00			
12	15	3	1.3	43.33	0.15		
15	18	3	1.9	63.33			
18	21	3	2.7	90.00			
21	24	3	2.8	93.33			
24	27	3	2.7	90.00			
27	30	3	1.6	53.33			
30	33	3	1.1	36.67			
33	36	3	2.2	73.33			
36	39	3	2.6	86.67			
39	42	3	2.6	86.67			
42	45	3	2.8	93.33			
45	48	3	2.8	93.33			
48	51	3	2.9	96.67			
51	54	3	2.7	90.00			
54	57	3	2.8	93.33			
57	60	3	2.4	80.00			
60	63	3	2.2	73.33			
63	66	3	2.45	81.67			
66	69	3	1.9	63.33			
69	72	3	1.7	56.67			
72	75	3	1.3	43.33			
75	78	3	2.7	90.00			
78	81	3	2.8	93.33			
81	84	3	2.6	86.67			
84	87	3	2.7	90.00			
87	90	3	3	100.00			
90	93	3	2.8	93.33			
93	96	3	2.8	93.33			

96	99	3	3	100.00
99	102	3	3	100.00
102	105	3	2.9	96.67
105	108	3	2.9	96.67
108	111	3	3	100.00
111	114	3	3	100.00
114	117	3	2.9	96.67
117	120	3	3	100.00
120	123	3	3	100.00
123	126	3	3	100.00
126	129	3	2.9	96.67
129	132	3	2.9	96.67
132	135	3	2.9	96.67
135	138	3	3	100.00
138	141	3	2.9	96.67
141	144	3	3	100.00
144	147	3	3	100.00
147	150	3	3	100.00
150	153	3	3	100.00
153	156	3	3	100.00
156	159	3	3	100.00
159	162	3	3	100.00
162	165	3	3	100.00
165	168	3	3	100.00
168	171	3	2.95	98.33
171	174	3	2.95	98.33
174	177	3	2.6	86.67
177	180	3	2.6	86.67
180	183	3	2.2	73.33
183	186	3	3	100.00
186	189	3	3	100.00
189	192	3	3	100.00
192	195	3	3	100.00
195	198	3	3	100.00
198	201	3	3	100.00
201	204	3	3	100.00

Box Lengths

Surimeau - Spring 2021 | HOLE NO:SUR-21-06 | PAGE: 5

DDH	Box Number	From m	To m	Box Length	DDH	Box Number	From m	To m	Box Length		
SUR-21-06	1	4.5	8	3.5							
SUR-21-06	2	8	12.2	4.2							
SUR-21-06	3	12.2	16.3	4.1							
SUR-21-06	4	16.3	20.2	3.9							
SUR-21-06	5	20.2	24.7	4.5							
SUR-21-06	6	24.7	29	4.3							
SUR-21-06	7	29	33.3	4.3							
SUR-21-06	8	33.3	37.65	4.35							
SUR-21-06	9	37.65	41.95	4.3							
SUR-21-06	10	41.95	46.1	4.15							
SUR-21-06	11	46.1	50.2	4.1							
SUR-21-06	12	50.2	54.55	4.35							
SUR-21-06	13	54.55	58.9	4.35							
SUR-21-06	14	58.9	63.25	4.35							
SUR-21-06	15	63.25	67.35	4.1							
SUR-21-06	16	67.35	71.6	4.25							
SUR-21-06	17	71.6	75.6	4							
SUR-21-06	18	75.6	79.85	4.25							
SUR-21-06	19	79.85	84.25	4.4							
SUR-21-06	20	84.25	88.6	4.35							
SUR-21-06	21	88.6	93	4.4							
SUR-21-06	22	93	97.35	4.35							
SUR-21-06	23	97.35	101.7	4.35							
SUR-21-06	24	101.7	105.9	4.2							
SUR-21-06	25	105.9	110.2	4.3							
SUR-21-06	26	110.2	114.5	4.3							
SUR-21-06	27	114.5	118.85	4.35							
SUR-21-06	28	118.85	123.25	4.4							
SUR-21-06	29	123.25	127.65	4.4							
SUR-21-06	30	127.65	132	4.35							
SUR-21-06	31	132	136.3	4.3							

SUR-21-06	32	136.3	140.75	4.45
SUR-21-06	33	140.75	144.9	4.15
SUR-21-06	34	144.9	149.25	4.35
SUR-21-06	35	149.25	153.4	4.15
SUR-21-06	36	153.4	157.7	4.3
SUR-21-06	37	157.7	162	4.3
SUR-21-06	38	162	166.35	4.35
SUR-21-06	39	166.35	170.75	4.4
SUR-21-06	40	170.75	174.95	4.2
SUR-21-06	41	174.95	179.35	4.4
SUR-21-06	42	179.35	183.4	4.05
SUR-21-06	43	183.4	187.7	4.3
SUR-21-06	44	187.7	192	4.3
SUR-21-06	45	192	196.4	4.4
SUR-21-06	46	196.4	200.55	4.15
SUR-21-06	47	200.55	204	3.45

Minroc Management

Project:		Surimeau - Spring 2021
Hole Number:		**SUR-21-07**
Units of Measurement:		Metres
Location	**NTS Sheet:**	
	Township:	
	Claim No:	
	Grid:	
	Easting:	
	Northing:	
	Elevation:	372
GPS Co-ordinates:	**Zone:**	17U
(if applicable)	**Datum:**	NAD83
	Easting:	696858
	Northing:	5328158
Collar Dip:		-45
Collar Azimuth:		180
Hole Length:		201
Core Size:		NQ
Recovery (%)		0.00
Logged By:		Francis Newton
Date:	**Start:**	29-Mar-21
	Finish:	30-Mar-21
Drilled by:		SMP Drilling
Date:	**Start:**	28-Mar-21
	Finish:	29-Mar-21

	INCLINATION TESTS			
	DEPTH	**DIP**	**AZIMUTH**	(RAW)
Mag	**COLLAR**	-45.0	180.0	
54840	18	-44.51	184.95	196.95
55437	69	-43.98	183.37	195.37
55138	120	-43.41	185.01	197.01
55185	171	-42.15	186.06	198.06

Comments
Same section as PROP18. Covers southern half of volcanic/ultramafic belt. Locate extension of zone seen in P152 (1.28% Zn over 11.43m; about 70m east) and site of 2020 Minroc grab samples (up to 2.42% Zn)
QA/QC info
Blank 1: Appalache Valley Pierre Decorative Stone
Standard-1: GEOSTATS GMB300-10C email : pjh@geostats.com.au

Minroc Management

FROM	TO	LITHO	Desc	Angle TCA
0	**4.5**	**OB**	**Overburden**	
4.5	**64.35**	**V4**	**Ultramafic, blue-greenish grey colour. Competent, weak to mod mag throughout, weakly chloritized throughout, Massive to weakly foliated? Frequent dark grey, almost black xenoliths, rounded and harder than surrounding rock, with dark grey coronas surrounding them, range from 0.5-2cm in size. Xenoliths possibly magnetite-bearing as they are magnetic. Xenoliths stop after 53 m**	
Structure				
10.1	10.4	CA	irregular ca vein, sharpish margins at 50deg TCA, coarse chl fractures	50
10.5	10.8	CA	irregular ca vein, sharpish margins at 50deg TCA, coarse chl fractures	50
19.4	38.05	QZ-MS-BT	irregular 1mm to 0.5cm qz-ms-bt veinlets	
23.85	24	CA	irregular ca vein, coarse chl and bt along vein margins	
27	28	BX	very weak breccia? Fine ms-qz veinlets/stringers around fragments. White ca stringers at top contact.	
32.9	33	BX	ca-welded bx, blocky	
33	34	BX	very weak breccia? Fine ms-qz veinlets/stringers around fragments.	
34	35.2	BLOCKY	blocky core, down-hole fracture	
54.2	54.5	BLOCKY	slightly blocky core	
55.3	58	BLOCKY	blocky and jointed core with hematite .	
Alteration				
4.5		CHL	weak to mod chloritization	
54.3	54.6	BT	Mod biotitization	
62.8	64.35	BT	Mod to strong biotitization towards lower contact with quartzites / g mudstones	
Mineralization				
24		PY	rare to trace fine to med py crystals	
24		PO	rare to trace fine to med po crystals	
55.3	58	HEM	py stringers seem altered to hematite	
55.3	58	PY	1-2 % fine py stringers and diss py	
55.3	64.35	PO	3-5 % med diss PO	
58.95	59.4	PO	5-7 % fine diss PO in narrow band of darker ultramafics	

64.35	**65.4**	**S6gp**	**Graphitic siltstone, dark grey to black with fine pyrite and pyrrhotite stringers throughout, Rare cm-scale bands of chert. Weak to mod patchy mag throughout. Upper and lower contacts gradual /mixed over approx. 5 cm XRF shows Ni 0.2 % , Cu 0.4 % and Zn 0.4 %.**	**90**
Mineralization				
64.35	65.4	PO,PY	frequent fine po+py stringers, range from 1-2mm thick, approx. 7-10 % sulphides overall	
64.35	65.4	SPH	up to 2 % sphalerite	
65.4	**68.65**	**V4**	**Calc-silicate (Listwaenite?), silicified, hard, dark creamy brown-green colour. Strongest mineralization consisting of coarse clots and stringers of po (10-15 %) from 65.4-65.6m , 66.7-67m and. XRF indicates values of Ni 0.1% , Zn 0.1-1.4 % (68.55-68.65 m).. Poorly defined foliation/fracture set at 75dg- TCA.**	**75**
Mineralization				
65.4	68.65	PO	Overall 5- 7 % fine to med diss PO , trace PENT	
65.4	65.55	PO	10-15 % coarse clotty po	
68.4	68.65	PO	10-15 % coarse clotty po	
68.4	68.65	SPH	1-3 % sphalerite within and around PO	
68.65	**85**	**V4**	**Brownish grey ultramafics with strong biotite alteration from 68.65-70.2m . Green Cr-diopside/ garnet starts from 70-71.4 m. XRF shows 0.1 % Ni , trace Cu and Zn .**	**75**
Structure				
70	71.4	QZ-AB	numerous qz- ab veinlets	
72.5	80.65	QZ-CA	QZ-ab vein with large green fragments (possibly diopside)with dark margins e.g. 74.5-74.70, 78.4-78.6,98.8-80.65 m	
Alteration				
68.65	85	BT	mod to strong biotitization	
71.4	72.1	BT	mod to strong biotitization with actinolite	
79.5	80	BT	very strong biotitization	
80.65	85	SIL	mod silicification in the ultramafics	
Mineralization				
68.65	75	PO	2-3 % fine to med diss po ,some coarse clots from 70.8-71.2	
75	80.4	PO	trace to 1 % po	
80.4	80.65	PO	1-3 % med po , 3-5 % from 80.55-80.65m . Spec of cpy at 80.6m	
80.65	85	PO	trace locally up to 1 % fine to med diss po	
83	85	CPY	few clots of cpy	

84	85	PY	Few very large clots of "etched" py	
85	**87.95**	**S6gp**	**Dark grey to black mudstone, sharp, mineralized upper and lower contacts , foliation(often outlined by sulphides) at 80-90 deg TCA . Narrow band of silicified ultramafic (similar to 80.65-85m) from 87.5-87.7m with sharp contacts highlighted by lack of sulphides within the ultramafics. Coarse clots of sulphides throughout. XRF values : Ni <0.1 % , Zn 0.2-4.5 %(at least 3 spots at >3 %) . Cu 0.1-1.5 %(around cpy) .**	**85**
Mineralization				
85	87.95	PO	10-15 % po as fine to med disseminations and coarse fractured clots	
85	87.95	CPY	1-2 % overall , specs of cpy around po	
85	87.95	SPH	2-3% sphalerite , often within or around po	
87.95	**110.6**	**V4**	**Dark blue-greenish grey , sharp upper and lower contact . Narrow 5-7 cm band of graphitic mudstone from 90-90.07m with sharp broken contacts. Foliation gradually changes to 50 deg TCA from 106.55m**	**80**
Structure				
88.75	89.15	BLOCKY	Slightly blocky chloritized ultramafics	
91.4	91.5	BLOCKY	blocky core	
91.75	92	BLOCKY	Blocky core with graphite mud along a shallow 20 deg TCA joint	20
102	106.1	QZ-MUS	Qz-muscovite stringers in various orientations ,possible weak brecciation	
107	110.6	QZ-CA	Qz-ca veinlets and stringers	
Alteration				
87.95	88.75	SIL	weak to mod sil within ultramafics after graphitic mudstones	
88.7	89.3	CHL	Weak to mod chloritization , strongest around blockiness. Some actinolite at 88.7 -88.75, 89.2-89.25m	
91.4	93.5	BT	weak biotitization	
109.3	110.6	BT	weak to mod biotitization	
109.3	110.6	DIOPSIDE	greenish , possibly Cr-diopside	
Mineralization				
87.95	110.6	PO	trace locally up to 1 % po	
88.7	88.75	SPH	10-15 % sph XRF showed 10-15 % Zn	
90	90.07	PO	10-15 % po within narrow band of s6gp	
90	90.07	CPY	few specs of cpy within narrow band of s6gp	
102	107	PO	1-3 % fine to med diss po	

110.6	**114.65**	**S6gp**	**Dark grey to black graphitic mudstones with foliation at 50-55 deg TCA , both upper and lower contacts sharp but the mudstone is strongly silicified . Overall lesser sulphides in these compared to the shallower ones . XRF values: Ni <0.1% ; Zn 0.5-1.5 % ; Cu <0.5 %**	**55**
Alteration				
110.6	110.75	SIL	mod to strong silicification at upper contact	
110.6	110.85	BT	weak biotitization at upper contact	
113.7	114.65	SIL	mod to strong silicification at lower contact	
Mineralization				
110.6	114.65	PO	5-7 % fine to med po with many larger clots .	
113.7	114.65	CPY	1-2 % fine diss cpy within band of silicified mudstone at lower contact	
110.6	114.65	SPH	Few spots of sphalerite	
114.65	**126.05**	**V4**	**Dark grey to greenish ultramafics with foliation varying from 45-55 deg TCA, weak patchy mag.**	**50**
Structure				
116.4	117	BLOCKY	slightly jointed and blocky core	
119	122	BLOCKY	slightly blocky core	
Alteration				
114.65	117.65	BT	weak biotitization with some Cr-diopside	
117.65	121	BT	Very strong biotitization , possibly a mafic volcanic	
125.25	125.5	BT	mod to strong biotitization	
125.85	126.05	BT	strong biotitization	
Mineralization				
114.65	126.05	PO	trace locally up to 1 % po	
126.05	**129.6**	**V4**	**Calc-Silicate (Listwanite)? Resembles quartzite, silicified, greyish bands of very strong silicification. Patches of softish platy actinolite, fine to med stringers of po (approx. 15% volume) with occasional clots of sph alongside po. Bright green diopside visible on fresh surfaces. Sharpish upper rand lower contacts. XRF values: Co 900ppm; Zn 1.6%; Cu 0.6%; Ni 0.1%;**	**55**
Alteration				
126.05	129.6	SIL	silicified	
126.05	129.6	BT	mod biotitization, frequent bands of biotite conc to foliation, strongest 126.35-126.95m.	

Mineralization				
126.05	129.6	PO	10-15% po throughout as fine to coarse stringers, sph often found alongside or within po stringers	
126.05	129.6	SPH	1-3% sph throughout	
129.6	**133.1**	**S6gp**	**Graphitic siltstone, dark grey-black with pyrite and pyrrhotite stringers and sedimentary nodules. Black, fine to med grained, bedding at approx. 50deg TCA. Mod mag throughout. sphalerite and pentlandite often within larger clots of po, traces of cpy. XRF values: Cu 0.2%; Zn 2%; Ni 700ppm.**	**50**
Mineralization				
129.1	133.1	PO	frequent po+py stringers and sedimentary nodules ranging from 1mm up to 2cm thick. Sedimentary nodules often contain quartz. Approx. 10-15% sulfide overall, sphalerite and pentlandite often within larger clots of po, traces of cpy	
129.1	133.1	PY	frequent po+py stringers and sedimentary nodules ranging from 1mm up to 2cm thick. Sedimentary nodules often contain quartz. Approx. 10-15% sulfide overall, sphalerite and pentlandite often within larger clots of po, traces of cpy	
129.1	133.1	SPH	trace sph, often found within larger clots of po,py	
129.1	133.1	PENT	trace pentlandite, often found within larger clots of po,py	
129.1	133.1	CPY	trace cpy, often found within larger clots of po,py	
133.1	**146**	**V4**	**Ultramafics? Fine grained, dark greenish-grey colour, competent, patchy weak to mod mag due to presence of pyrrhotite. Coarse grained bands of quartz fragments and biotite 135.05-135.2m, 135.4-135.55m, 135.7-135.85m, 137.65-137.8m. Very strong biotitization 136.3-138.2m. Band of fine grained, silicified, greywacke 138.2-139.4m, narrow beds of graphitic mudstone 138.55-138.6m, 138.9-139m, 139.6-139.7m, 140.3-141m. Weak poorly defined foliation 60deg TCA. Calc-Silicate(Listwanite) "vein" 142.15-143.8m with clotty green platy actinolite throughout and bright green diopside crystals on fresh surfaces. 140.3-141m XRF values: Ni 0.2%; Cu 0.13%; Zn 2%; highest Ni 0.6% at 139.6m.**	**60**
Alteration				
133.1	138.2	BT	mod to very strong biotitization	
138.2	139.4	SIL	weak sil	
138.2	139.4	BT	weak biotitization	
139.4	139.6	BT	mod to very strong biotitization	
139.7	140.3	BT	mod to very strong biotitization	
142.15	143.8	SIL	mod to strong sil, band of calc-silicate(listwanite)	
143	143.8	SIL	frequent narrow 3-5cm bands of vey strong sil	

143.8	146	BT	very strong biotitization, core becomes dark grey-black.	
Mineralization				
133.1	138.9	PO	1-3% fine to med diss po throughout	
133.1	138.9	PY	trace to 1% fine to med diss py	
138.9	139	PO	fine 1-3mm po stringers in band of s6gp	
139.6	139.7	PO	nearly massive po,40-50% volume in narrow band of s6gp	
139.7	140.3	PO	1-3% fine to med diss po throughout	
140.3	141	PO	fine 1-3mm po stringers in band of s6gp.	
141	142.15	PO	1-3% fine to med diss po throughout	
141	142.15	PY	trace to 1% fine to med diss py	
142.15	143.8	PO	1-3% fine to med diss po throughout	
142.15	143.8	PY	trace to 1% fine to med diss py	
143.8	146	PO	trace to 1% fine to med diss po	
146	**158.6**	**S6gp**	**Graphitic siltstone, dark grey-black with pyrite and pyrrhotite stringers and sedimentary nodules. Black, fine to med grained, bedding at approx. 55deg TCA. Mod mag throughout. sphalerite and pentlandite often within larger clots of po, traces of cpy. Narrow greenish-grey bands of fine grained, silicified sediment? from 147.45-147.65m, 148.85-149.05m, 149.8-150.15m, 152.1-152.3m, 152.85-153.15m, 155.4-156.15m. Ultramafic intrusive with coarse lathes of albite 150.4-151.3m with a gradual lower contact. Ca-filled fractures appear suddenly at 156.15m. XRF values: Zn 2%; Cu 3.9%; Ni 0.1%**	**55**
Structure				
148	149.15	SLUMP	fragments and irregular intrusion of fine-grained greenish-grey sediment into graphitic siltstone	
150.65	150.75	AB	3-10mm coarse lathes of albite in ultramafic intrusion	
156.15	158.6	CA	sudden appearance of ca stringers and fractures	
Alteration				
146	158.6	SIL	mod to strong sil, weaker in the greenish-grey bands of sediments	
150.4	151.3	BT	weak to mod biotitization	
150.4	151.3	CHL	weak chloritization	
Mineralization				
146	158.6	PO	5-10% po stringers and clots throughout	
146	158.6	PY	up to 5% fine to med py throughout	
146	158.6	CPY	trace to rare stringers and clots of cpy	
146	158.6	SPH	trace to rare stringers and clots of sph	
146	158.6	PENT	trace to rare stringers and clots of pent	

158.6	**201**	**S3**	**Arkosic? sediment, wacke. Quartz-biotite-muscovite matrix. Med to dark grey when wet, light grey-brown when dry. Frequent patches of po+py stringers 158.6-160.2m. Wispy, irregular, ca-fractures/stringers 164.3-190.7m with pale greenish alteration halos around them. Occasional faint 3-5mm qz stringers/veinlets, generally along foliation but occasionally cross-cut. Foliation 60deg TCA. Non-magnetic.**	**60**
Structure				
158.9	159	QV	white qv, conc to foliation, coarse clotty po, trace cpy	60
164.3	190.7	CA	wispy, irregular ca stringers/fractures with 2-3mm greenish alteration halos around them	
167.05	167.1	QV	greenish white qv, irregular but sharp margins, oriented roughly 80deg TCA. Traces of cpy	80
173.4	173.5	BLOCKY	blocky core	
180.15	185.5	BLOCKY	blocky core	
184.15	184.6	QV	white qv, greenish clotty mineral (albite?) at bottom contact, blocky in center of vein. Oriented 40deg TCA	40
190	190.1	QV	white qv, oriented 60deg TCA, clotty po, trace cpy and trace pent	60
200.3	200.35	QV	white qv, clotty chl within vein, tr py within vein	55
Alteration				
158.6	201	MS	weak ms alt throughout, elevated around qz stringers	
158.6	201	BT	mod to strong biotitization throughout	
Mineralization				
158.6	201	PY	trace fine to med py throughout	
158.6	160.2	PO	frequent patches of 1-5mm po and py stringers (ex 160.25-160.3m), traces of cpy	
158.6	160.2	PY	frequent patches of 1-5mm po and py stringers (ex 160.25-160.3m), traces of cpy	
158.6	160.2	CPY	frequent patches of 1-5mm po and py stringers (ex 160.25-160.3m), traces of cpy	
167.05	167.1	PY	trace med py crystals	
167.05	167.1	CPY	very fine cpy, XRF values Cu 200ppm	
184.45	184.6	PY	clotty py, traces of pent according to XRF (XRF values: Ni 0.1%)	
184.45	184.6	PENT	trace pentlandite, XRF values: Ni 0.1%	
190	191	PY	coarse clotty py in qv, XRF values: Ni 0.1%; Cu 1%	
190	191	PENT	coarse clotty py in qv, XRF values: Ni 0.1%; Cu 1%	
190	191	CPY	coarse clotty py in qv, XRF values: Ni 0.1%; Cu 1%	
200.3	200.35	PY	trace py in qv	

SAMPLES			Surimeau - Spring 2021		HOLE NO:SUR-21-07	PAGE: 4

Sample	From m	To m	Length	DESCRIPTION	Au g/t
46013	4.5	6	1.50	i4	
46014	6	7.5	1.50		
46015				Quarter Cut of previous samples	
46016	7.5	9	1.50		
46017	9	10.1	1.10		
46018	10.1	10.8	0.70	i4 + ms	
46019	10.8	12	1.20	i4	
46020	12	13.5	1.50		
46021	13.5	15	1.50		
46022				Blank	
46023	15	16.5	1.50		
46024	16.5	18	1.50		
46025	18	19.5	1.50	i4 + ms vein	
46026	19.5	21	1.50		
46027	21	22.5	1.50		
46028	22.5	24	1.50		
46029	24	25.5	1.50		
46030	25.5	27	1.50		
46031	27	28	1.00	i4 + ca + ms vein	
46032	28	29.5	1.50	i4	
46033	29.5	31	1.50		
46034	31	32.5	1.50		
46035	32.5	34	1.50	i4 + ca bx vein	
46036	34	35.5	1.50	i4 + ca veins	
46037	35.5	37	1.50	i4	
46038	37	38.5	1.50	i4	
46039	38.5	40	1.50	i4	
46040	40	41.5	1.50	i4	
46041	41.5	43	1.50	i4	
46042				Quarter Cut of previous sample	
46043	43	44.5	1.50	i4	
46044	44.5	46	1.50	i4	
46045				Coarse Reject of previous sample	
46046	46	47.5	1.50	i4	
46047	47.5	49	1.50	i4	
46048	49	50.5	1.50	i4	

46049	50.5	52	1.50	i4
46050	52	53	1.00	i4
46051	53	54.3	1.30	i4
46052				Blank
46053	54.3	54.8	0.50	i4+mv+hl+bt+ca+trac py +trace po
46054	54.8	56	1.20	i4+hem str +po+py
46055	56	57	1.00	i4+hem str +po+py
46056	57	58	1.00	i4
46057	58	59.1	1.10	i4+ po
46058	59.1	60	0.90	i4+ po
46059	60	61.5	1.50	i4+ po
46060	61.5	62.8	1.30	i4+ po
46061	62.8	63.5	0.70	i4+bt
46062				Coarse Reject of previous sample
46063	63.5	64.35	0.85	i4+bt
46064	64.35	65.4	1.05	s6gp+po+py+pent+sph+trace py
46065				Quarter Cut of previous samples
46066	65.4	66.5	1.10	quartzite / listwanite + po
46067	66.5	67.5	1.00	quartzite / listwanite + po
46068	67.5	68.65	1.15	quartzite / listwanite + po
46069	68.65	70	1.35	i4+ po+sph+py+ bt+sil
46070	70	71.4	1.40	i4+ po+sph+py+ bt+sil
46071	71.4	72.5	1.10	i4+ po+sph+py+ bt+sil
46072				Blank
46073	72.5	73.5	1.00	i4+po
46074	73.5	75	1.50	i4+po
46075	75	76.5	1.50	i4
46076	76.5	78	1.50	i4
46077	78	79.1	1.10	i4+qv
46078	79.1	79.8	0.70	i4+bt+po
46079	79.8	80.65	0.85	14+ cpy+qv+ diopside
46080	80.65	81.65	1.00	i4+sil+1-2 % Po
46081	81.65	83	1.35	i4+sil+<1 % Po
46082	83	84	1.00	i4+sil+<1 % Po +cpy
46083	84	85	1.00	i4+sil+<1 % Po +cpy
46084	85	86	1.00	s6gp+ 10-15 % Po+1-2 % cpy +sph
46085	86	87	1.00	s6gp+ 10-15 % Po+1-2 % cpy +sph
46086	87	87.95	0.95	s6gp+ 10-15 % Po+1-2 % cpy +sph
46087	87.95	88.75	0.80	i4+sil+po
46088	88.75	90	1.25	i4+chl+po
46089	90	91	1.00	i4+ narrow s6gp+3-5 % po+cpy at 90-90.05m

46090	91	92	1.00	i4+po
46091	92	93	1.00	i4+bt
46092			0.00	Quarter Cut of previous sample
46093	93	94.5	1.50	i4
46094	94.5	96	1.50	i4
46095				Coarse Reject of previous sample
46096	96	97.5	1.50	i4
46097	97.5	99	1.50	i4
46098	99	100.5	1.50	i4+po
46099	100.5	102	1.50	i4+po
46100	102	103.5	1.50	i4+po
46101	103.5	105	1.50	i4+po
46102				Blank
46103	105	106.5	1.50	i4+po
46104	106.5	108	1.50	i4+po
46105				Standard
46106	108	109.5	1.50	i4+ qz-ca
46107	109.5	110.6	1.10	i4+ qz-ca + diopside
46108	110.6	111.6	1.00	s6gp+sil +po(5-7 %)
46109	111.6	112.6	1.00	s6gp +po(5-7 %)
46110	112.6	113.7	1.10	s6gp +po(5-7 %)
46111	113.7	114.65	0.95	s6gp +strong sil + po(5-7 %)+ cpy (2-3 %)
46112				Coarse Reject of previous sample
46113	114.65	115.5	0.85	i4+ diopside +bt+po
46114	115.5	117	1.50	i4+bt
46115				Quarter Cut of previous samples
46116	117	118.5	1.50	i4+ strong bt after 117.65
46117	118.5	120	1.50	i4+strong bt
46118	120	121	1.00	i4+strong bt
46119	121	122.5	1.50	i4
46120	122.5	124	1.50	i4
46121	124	125.5	1.50	i4 + bt
46122				Blank
46123	125.5	126.6	1.10	i4 + s3? + bt + sil + po + py
46124	126.6	128	1.40	mv? Or qzite/listwanite? + green actinolite + po + py
46125	128	129	1.00	
46126	129	129.6	0.60	
46127	129.6	131	1.40	s6gp + po
46128	131	132	1.00	
46129	132	133.1	1.10	
46130	133.1	134.5	1.40	int vol or s3? Siliceous + bt + po throughout

46131	134.5	136	1.50	int vol or s3? Siliceous + bt + po throughout + bands of coarse qz-fragments + bt
46132	136	137.5	1.50	i4 or s3? Siliceous + bt + po throughout + bands of coarse qz-fragments + bt + trace ca alt
46133	137.5	138.5	1.00	
46134	138.5	139	0.50	s3? + graphitic bands + po
46135	139	139.7	0.70	
46136	139.7	141	1.30	i4 + s6gp beds
46137	141	142.15	1.15	i4
46138	142.15	143	0.85	listwanite + po + actinolite + diopside
46139	143	144	1.00	listwanite + po + actinolite + diopside + sil bands
46140	144	145	1.00	listwanite + po + actinolite + diopside + sil bands + bt
46141	145	146	1.00	
46142				Quarter Cut of previous sample
46143	146	147.45	1.45	s6gp + po + tr cpy + py
46144	147.45	148.5	1.05	s6gp + s3 beds + po + py + tr cpy
46145				Coarse Reject of previous sample
46146	148.5	149.5	1.00	
46147	149.5	150.4	0.90	
46148	150.4	151.1	0.70	listwanite? + actinolite + diopside + po + coarse bladed plag + chl
46149	151.1	152.3	1.20	s6gp + s3 beds + po + tr py + tr cpy
46150	152.3	153.15	0.85	s6gp + po + py + i4 band
46151	153.15	154.5	1.35	s6gp + po + tr sph
46152				Blank
46153	154.5	155.4	0.90	
46154	155.4	156.15	0.75	s3 + tr py + po
46155	156.15	157.5	1.35	s6gp + po + sph + tr cpy + ca str
46156	157.5	158.6	1.10	
46157	158.6	159.5	0.90	s3 + bt + ms + tr po,py
46158	159.5	161	1.50	
46159	161	162.5	1.50	s3 + bt + ms
46160	162.5	164	1.50	
46161	164	165.5	1.50	
46162				Coarse Reject of previous sample
46163	165.5	166.5	1.00	
46164	166.5	167.5	1.00	s3 + bt + ms + qz-ab-chl vein + tr cpy, py
46165				Quarter Cut of previous samples
46166	167.5	168.5	1.00	s3 + bt + ms
46167	168.5	170	1.50	
46168	170	171.5	1.50	s3 + bt + ms + ca str
46169	171.5	173	1.50	
46170	173	174	1.00	
46171	182	183	1.00	s3 + bt + ms

46172				Blank
46173	183	184.15	1.15	
46174	184.15	184.6	0.45	qv + ca + tr cpy,po,pent
46175	184.6	186	1.40	s3 + bt + ms
46176	186	187	1.00	s3 + bt + ms qv
46177	187	188.5	1.50	s3 + bt + ms
46178	188.5	189.5	1.00	s3 + bt + ms
46179	189.5	190.5	1.00	s3 + bt + ms+ trace py+cpy+pent
46180	190.5	192	1.50	s3 + bt + ms
46181	200	201	1.00	s3 + bt + ms + qv + chl + tr py

RQD			Surimeau - Spring 2021		HOLE NO:SUR-21-07	PAGE: 3
FROM	TO	Length Core Run	Σ pieces >10cm	RQD %		
4.5	6	1.5	1.4	93.33		
6	9	3	2.8	93.33		
9	12	3	3	100.00		
12	15	3	3	100.00	0.15	
15	18	3	3	100.00		
18	21	3	3	100.00		
21	24	3	3	100.00		
24	27	3	3	100.00		
27	30	3	2.9	96.67		
30	33	3	2.5	83.33		
33	36	3	1.9	63.33		
36	39	3	2.9	96.67	2	
39	42	3	2.9	96.67		
42	45	3	3	100.00		
45	48	3	3	100.00		
48	51	3	3	100.00		
51	54	3	2.9	96.67		
54	57	3	1.75	58.33		
57	60	3	2.5	83.33		
60	63	3	2.9	96.67		
63	66	3	2.9	96.67		
66	69	3	2.9	96.67		
69	72	3	3	100.00		
72	75	3	3	100.00		
75	78	3	3	100.00		
78	81	3	2.8	93.33		
81	84	3	2.7	90.00		
84	87	3	3	100.00		
87	90	3	2.7	90.00		
90	93	3	2.6	86.67		
93	96	3	3	100.00		

96	99	3	2.9	96.67
99	102	3	3	100.00
102	105	3	3	100.00
105	108	3	3	100.00
108	111	3	3	100.00
111	114	3	3	100.00
114	117	3	2.7	90.00
117	120	3	2.4	80.00
120	123	3	2.3	76.67
123	126	3	2.8	93.33
126	129	3	2.9	96.67
129	132	3	3	100.00
132	135	3	3	100.00
135	138	3	3	100.00
138	141	3	2.3	76.67
141	144	3	3	100.00
144	147	3	2.9	96.67
147	150	3	2.8	93.33
150	153	3	2.8	93.33
153	156	3	3	100.00
156	159	3	2.5	83.33
159	162	3	2.5	83.33
162	165	3	2.6	86.67
165	168	3	2.5	83.33
168	171	3	2.7	90.00
171	174	3	2.3	76.67
174	177	3	1.8	60.00
177	180	3	2.9	96.67
180	183	3	0.5	16.67
183	186	3	1.7	56.67
186	189	3	2.2	73.33
189	192	3	2.7	90.00
192	195	3	2.6	86.67
195	198	3	2.6	86.67
198	201	3	1.9	63.33

Box Lengths			Surimeau - Spring 2021			HOLE NO:SUR-21-07			PAGE: 5	
DDH	Box Number	From m	To m	Box Length	DDH	Box Number	From m	To m	Box Length	
SUR-21-07	1	4.5	8.45	3.95						
SUR-21-07	2	8.45	12.6	4.15						
SUR-21-07	3	12.6	17.1	4.5						
SUR-21-07	4	17.1	21.2	4.1						
SUR-21-07	5	21.2	25.55	4.35						
SUR-21-07	6	25.55	29.9	4.35						
SUR-21-07	7	29.9	34	4.1						
SUR-21-07	8	34	38.05	4.05						
SUR-21-07	9	38.05	42.2	4.15						
SUR-21-07	10	42.2	46.7	4.5						
SUR-21-07	11	46.7	50.95	4.25						
SUR-21-07	12	50.95	55.1	4.15						
SUR-21-07	13	55.1	59.4	4.3						
SUR-21-07	14	59.4	63.45	4.05						
SUR-21-07	15	63.45	67.85	4.4						
SUR-21-07	16	67.85	72.1	4.25						
SUR-21-07	17	72.1	76.35	4.25						
SUR-21-07	18	76.35	80.6	4.25						
SUR-21-07	19	80.6	84.8	4.2						
SUR-21-07	20	84.8	89.15	4.35						
SUR-21-07	21	89.15	93.15	4						
SUR-21-07	22	93.15	97.5	4.35						
SUR-21-07	23	97.5	101.75	4.25						
SUR-21-07	24	101.75	106.1	4.35						
SUR-21-07	25	106.1	110.4	4.3						
SUR-21-07	26	110.4	114.55	4.15						
SUR-21-07	27	114.55	118.75	4.2						
SUR-21-07	28	118.75	123	4.25						
SUR-21-07	29	123	127.2	4.2						
SUR-21-07	30	127.2	131.6	4.4						
SUR-21-07	31	131.6	135.9	4.3						

SUR-21-07	32	135.9	140.05	4.15
SUR-21-07	33	140.05	144.4	4.35
SUR-21-07	34	144.4	148.45	4.05
SUR-21-07	35	148.45	152.8	4.35
SUR-21-07	36	152.8	156.9	4.1
SUR-21-07	37	156.9	161.1	4.2
SUR-21-07	38	161.1	165.55	4.45
SUR-21-07	39	165.55	169.85	4.3
SUR-21-07	40	169.85	174.05	4.2
SUR-21-07	41	174.05	178.45	4.4
SUR-21-07	42	178.45	182.7	4.25
SUR-21-07	43	182.7	186.9	4.2
SUR-21-07	44	186.9	191.3	4.4
SUR-21-07	45	191.3	195.6	4.3
SUR-21-07	46	195.6	199.75	4.15
SUR-21-07	47	199.75	201	1.25

Minroc Management

Project:		Surimeau - Spring 2021
Hole Number:		**SUR-21-08**
Units of Measurement:		Metres
Location	**NTS Sheet:**	
	Township:	
	Claim No:	
	Grid:	
	Easting:	
	Northing:	
	Elevation:	364
GPS Co-ordinates:	**Zone:**	17U
(if applicable)	**Datum:**	NAD83
	Easting:	697257
	Northing:	5328324
Collar Dip:		-45
Collar Azimuth:		180
Hole Length:		222
Core Size:		NQ
Recovery (%)		0.00
Logged By:		Francis Newton
Date:	**Start:**	31-Mar-21
	Finish:	02-Apr-21
Drilled by:		SMP Drilling
Date:	**Start:**	30-Mar-21
	Finish:	02-Apr-21

	INCLINATION TESTS			
	DEPTH	**DIP**	**AZIMUTH**	(RAW)
Mag	**COLLAR**	-45.0	180.0	
55800	18	-45.45	183.43	195.43
54468	69	-43.29	181.85	193.85
55243	120	-43.37	185.19	197.19
57298	222	-43.56	187.69	199.69

Comments
Same section as PROP17. Covers northern half of volcanic/ultramafic belt. Test horizon seen in DDH V-01, 02 & 03 (no assays, but multi sulphide mineralization present)
QA/QC info
Blank 1: Appalache Valley Pierre Decorative Stone
Standard-1: GEOSTATS GMB300-10C email : pjh@geostats.com.au

Minroc Management

FROM	TO	LITHO	Desc	Angle TCA
0	**3**	**OB**	**Overburden**	
3	**37.1**	**S3**	**Wacke, light to med grey, fine to med grained, bedding at 75deg TCA. Quartz-biotite-muscovite matrix. Rare 1-3mm qz stringers generally oriented 70-80deg TCA 15.5-21.5m. Rare patches of 1-2mm brownish weathered staurolite crystals (pale brown colour, anhedral) 25-30m.**	**75**
Structure				
3.5	37.2	BLOCKY	weakly blocky throughout, generally low rqd. Blocks/joints break along bedding	75
14.85	14.95	QV	white qz-ab veinlet, partially cut-off but core. Sharp but irregular margins	
15.5	21.5	QV	frequent 1-3mm qz stringers/veinlets conc to fol	
21	21.1	QZ-AB	blocky, irregular qz-ab veinlets, fragments of greywacke within veinlets	
Alteration				
3	37.1	MS	weak muscovite alt around minor qz-stringers in greywacke	
3	37.1	BT	strong bt alt, rock is >50% bt	
21	21.5	SIL	3-5cm bands of weak to mod sil in greywacke	
Mineralization				
14.5	16	PY	trace fine to med py along qz veinlets/stringers	
19.4	19.5	CPY	trace med cpy along qz fracture	
19.4	19.5	PO	trace med po along qz fracture	
35.5	37.1	PY	rare fine py stringers along fractures and bedding	
37.1	**52.5**	**S3**	**Greywacke? Silicified, heavily fractured and blocky at top of unit 37.1-39.4m. Rest of unit is fairly competent, dark grey-brown colour with occasional bands of stronger silicification. Bedding at 75deg TCA at top of unit and shallows to approx. 60deg to bottom of unit. Band of ultramafic (pale greenish-brown composed primarily of serpentine/chrysotile?) from 49.4-51m. Narrow blue-grey qfp with fine wispy pale greenish-blue fractures throughout, from 51-51.1m.**	**70**
Structure				
37.1	39.4	BLOCKY	blocky core, heavily fractured quartz/silicified s3.	
48.4	48.7	BLOCKY	blocky core	
51	52.1	QFP	blue grey qfp, wispy greenish-blue fractures throughout.	
Alteration				

37.1	42.75	SIL	strong silicification	
42.75	45.45	SIL	weak to mod silicification	
45.45	46	SIL	strong silicification	
46	46.7	SIL	weak silicification	
46.7	48.4	SIL	strong silicification	
48.4	51	CHL	weak chloritization, band of ultramafic rock, chl alt halos around sulfide stringers	
48.4	51	BT	weakly biotitized	
52.1	52.5	SIL	strong silicification	
Mineralization				
37.1	39.4	PY	fine to coarse py stringers (1mm-2cm) in zone of extreme fracturing, traces of Pentlandite and Cpy	
39.4	42.75	PO	fine to clotty po + fine to med po stringers, approx. 5-7% overall.	
39.4	42.75	PY	fine to clotty po + fine to med py stringers, approx. 5-7% overall	
42.75	45.45	PO	2-3% fine to med diss po throughout	
45.45	46	PO	3-5% po stringers (1-5mm) throughout	
46.7	48.4	PO	3-5% po stringer (1-5mm) + sedimentary po nodules and rare cross-cutting stringers	
46.7	48.4	PY	1-2% py stringers (1-5mm) + sedimentary po nodules and rare cross-cutting stringers	
48.4	51	PY	occasional 1-2mm py stringers in various orientations, often cross-cutting with chl alt halos around them	
51	52.1	PY	1% fine to med diss py in qfp	
51	52.1	PO	1% fine to med diss po in qfp	
52.5	**65.25**	**S3/S6**	**Primarily greywacke (fine grained, dark grey colour) with frequent patches of graphite + occasional bands of graphitic siltstone. Bedding varies from 60 to 80deg TCA. Band of quartzite (dark grey-brownish-blue with coarse Actinolites, very well mineralized) from 52.8m-54.3m.**	**70**
Structure				
52.5	52.8	S6gp	bed of graphitic siltstone, black, vfg, sil + strongly mineralized	
52.8	54.3	M12	Quartzite, blue-greyish-brown colour, coarse green Actinolites?	
55.8	58.45	BLOCKY	blocky core	
57.2	58.4	S6gp	bed of graphitic siltstone, black, vfg, sil + strongly mineralized	
63.0	64.7	BLOCKY	weak blockiness	
64.25	65.25	S6gp	bed of graphitic siltstone, black, vfg, sil + strongly mineralized	
Alteration				
52.5	52.8	SIL	silicified, graphitic siltstone	
58	58.45	SIL	silicified, graphitic siltstone	
64.25	65.25	SIL	silicified, graphitic siltstone	
Mineralization				
52.5	52.8	PO	3-5% po stringers, fine to med (1-5mm), traces of sph, pent and cpy	

52.5	52.8	CPY	trace cpy	
52.5	52.8	PENT	trace pentlandite	
52.5	52.8	SPH	trace sph	
52.8	54.3	PO	fine to coarse diss po + fine to med stringers, approx. 10% overall	
52.8	54.3	SPH	fine to coarse diss sph + fine to med stringers, approx. 10% overall	
54.3	58.15	PO	trace to 1% med to coarse clotty po, rare med stringers	
54.3	58.15	PY	trace to 1% med to coarse clotty py, rare med stringers	
58.15	58.35	PO	very coarse po stringers, irregular but roughly follow bedding, 40% sulfide overall with cpy and sph, XRF values: Ag 600ppm;	
58.15	58.35	CPY	fine to med cpy stringers alongside po	
58.15	58.35	SPH	fine to med sph clots within coarse bands of po	
58.35	61.7	PO	trace to 1% med to coarse clotty po, rare med stringers, rare 1cm+ po stringers	
61.7	62	PO	5% po in this interval, 10-15% sph and 1-3% cpy. Po med to coarse stringers 1-10mm, XRF values: Cu 0.6%; Zn 3.9%; Co 0.1%; Mo 0.3%; W 370ppm	
61.7	62	SPH	10-15% sph, fine to extremely coarse sph, nearly massive?	
61.7	62	CPY	fine to med stringers of cpy, 1-5mm, follow fractures and bedding	
62	64.7	PO	trace to 1% med to coarse clotty po, rare med stringers, rare 1cm+ po stringers	
64.7	65.25	PO	1-10mm po stringers conc to bedding, fine cpy and sph fractures/stringers within and along po. Approx. 15-20% sulfide overall. XRF values: Zn 3.2%; Ni 0.22%; Cu 0.14%; Pd 230ppm	
64.7	65.25	SPH	fine sph fractures/stringers within and along po	
64.7	65.25	CPY	fine cpy fractures/stringers within and along po	
64.7	65.25	PY	fine to med py stringers throughout, within fractures or fine stringers alongside po	
65.25	**194**	**V4**	**Ultramafic, pale to med blueish-green, rare centimetric bands of dark green colour showing an imbricated texture, paler decimetric finer grain, locally laminated intervals corresponding to sub-units contacts. Patchy weak to mod mag throughout. From 145.3m to 170m, 10% fragments or xenoliths composed of pyroxene and magnetite. From 173.2 to 175.3, komatiite flow with broken spinifex, and from 187.2m to 193.75m, mottled texture indicating possible fragments surrounded by glassy material. Poorly defined foliation. Very dark green 69-69.45,112-112.35m ', dark green-black mineral - pyroxene? 10 Narrow band of massive sandstone + biotite from 108-108.6m with very sharp, fractured , biotitized and amphibolized contacts.**	**70**
Structure				
65.25		CA	fine 1-3mm ca fractures at various orientations, generally conc to weak fol at 70deg TCA	70
65.4	65.5	QZ-AB-CA	irregular qz-ab-ca veinlet with fine to med clots of sph, po, pent and cpy	
86.5	88.4	BLOCKY	blocky core with brecciation	
87	87.8	QZ-CA	Qz-ca cement within breccia	
83.5	87.8	QZ-CA	numerous wispy qz-ca veinlets	
108	108.6	S3	greywacke with sharp , jointed contacts unit is massive	
112	112.85	BLOCKY	Blocky core with darker ultramafic	

112	115.5	QZ-CA	numerous wispy qz-ca veinlets , mild to mod brecciation	
128.35	138.05	CA	15% granular calcite, ribboned and concordant, over 1 to 15cm.	60
141.4	143.25	FLT,BLOCKY	Blocky core with decimetric intervals of chloritic and graphitic mud.	
161.5	162	FLT,BLOCKY	Blocky core split by graphitic fractures.	
171.5	172	CA,BT	10%, calcite-biotite irregular filling, 1 to 10 cm. XRF: 0.057%Ni, 0.043%Co	
171.5	175.3	V4A	Spinifex bearing komatiite flow with eroded contacts.	
186.55	187.2	QFP,BLOCKY	Grey to beige, medium grain, mostly felspathic (plagioclase) remnant of a granitic texture. Strongly biotized contacts. Faulted at contact and overall blocky.	40
187.2	194	BRC	Fine to medium grain, including glassy centimetric lenses or veins. Brecciated or pseudo-brecciate structure.	
Alteration				
65.25	104.8	CHL	weak chloritization	
65.25	68	BT	weak biotitization	
73.14	77.5	BT	weak to mod biotitization	
73.14	77.5	HB	weak to mod amphibolization	
83.5	90.5	HB	weak to mod amphibolization	
83.5	90.5	BT	weak to mod biotitization	
93	97.5	BT	weak to mod biotitization	
105.6	106	BT	weak to mod biotitization	
108.6	109.2		mod to strong amphibolization	
108.6	109.2		mod biotitization	
128.35	138.05	AC	strong massive tremolite-actinolite, non oriented. With intergranular biotite.	
167.7	170	DI	Pervasive weak to moderate diopside replacement, also visible in a network of diopside-grey plagioclase centimetric veins.	
186.4	187.25	BT	Strong biotite replacement of the ultramafic host rock from 186.4 to 186.55m with pervasive moderate alteration of the whole unit.	
193.8	194	BT	Strong well foliated massive biotite.	
Mineralization				
65.4	65.5	PO	irregular qz-ab-ca veinlet with fine to med clots of sph, po, pent and cpy	
65.4	65.5	SPH	irregular qz-ab-ca veinlet with fine to med clots of sph, po, pent and cpy	
65.4	65.5	PENT	irregular qz-ab-ca veinlet with fine to med clots of sph, po, pent and cpy	
65.4	65.5	CPY	irregular qz-ab-ca veinlet with fine to med clots of sph, po, pent and cpy	
77.5	78	PP	trace to 2 % fine to med diss PO	
161.5	161.8	PO	rare, PO, less than 1mm, flakes in graphitic fractures and planes. XRF values: 0.1%.	
174.8	176.8	PO	trace, PO, 1-2mm, disseminated in the spinifex or granular ultramafique. XRF values: 0.2%Ni, 0.4%Ni, 530ppmCo	
186.4	186.55	PO	1% PO, less than 1mm to 2mm, disseminated	

194	**201.1**	**S6gp**	**Black, to grey, graphitic siltstone and mudstone forming massive beds. Coarser and less graphitic wacke from 194 to 194.15m.Structural laminated contacts with ultramafic hanging wall and footwall. Between 5 and 10% pyrite; laminations and centimetric lenses and nodules following the main fabric.**	
Structure				
198.2	198.5	I3,MI	Greenish fine grain dyke, discordant on the main fabric. Well foliated mica-plagioclase-tremolite assemblage.	70
194.7	196	BRC	Discreet tectonic brecciation outlined by pyrrhotite remobilisation in fractures.	90
200.1	201.1	CC	10% grey calcite veins (5mm) in network gradually affected by tectonic layering after 201m.	
Alteration				
200.7	201.15	SI	Grey, finely layered with a glassy cherty texture. Upper contact in gradual replacement of the graphitic mudstone. Preceded by weak spotty calc-silicate alteration from 200.1 to 200.7m	
Mineralization				
194	194.65	PO	1-2%, PO, less than 1mm to 3mm polycrystalline grains. Trace sphalerite.	
194.65	196	PO,PEN	Up to 20% millimetric grains and lens nodules reaching 2cm. Pyrrhotite hosting pentlandite micro grains surrounded by trace of chalcopyrite and sphalerite. 195m XRF: 0.2%Ni, 3.5%Zn, 0.2%Cu.	
196	197.15	PO	5%, PO, less than 1mm to 3mm polycrystalline grains. Aligned following the main fabric.	
197.15	198.2	PO	Trace to 1% PO, 1-2mm, grains and clusters concentrated in decimetric ribbons. 197.5, quartz veinlet (1cm) with coarse pyrrhotite and chalcopyrite. XRF: 0.05% cu	
198.2	198.5	PO	5%, PO, less than 1mm, fin element disseminated in the foliation.	
198.5	200.3	PO,SP,CP	5%, PO, 1 to 8mm, polycrystalline grains and nodules, with chalcopyrite and sphalerite in contact. Well aligned in the fabric, forming locally continuous millimetric to centimetric ribbons. At 199.9, XRF: 0.03% Ni, 1.8%Zn, 0.15%Cu.	
200.3	201.1	PO	10%, PO, less than 1 to 2mm, finely disseminated, coarser grains with chalcopyrite following a calcite veins stringer. At 201m, XRF: 0.0658%Ni, 1.4%Zn, 1.6%Cu.	
201.1	**222**	**V4**	**Ultramafic, pale to med blueish-green, fine grain close to the upper contact to medium grain (2-3mm) down to 204,6m, imbricated crowded texture, partly replaced by amphibole alteration. Regular foliation. 20% round, corroded pyroxenite xenoliths 1-2cm evenly distributed down to 208.5m. Affected by a 2-3mm thick amphibole corona.**	
Structure				
213	213.15	I4	Dark grey, coarse crystallized heterogenous multi-phased and brecciated peridotite hosting olivine rich cumulate fragments , 2-3cm corroded plagioclase inside an orthopyroxene rich matrix.	
216.9	217.1	I4	Dark grey, coarse crystallized anorthosite hosting intercumulate centimetric orthopyroxene. Layered sheared contact at the hanging wall associated with strong tremolite in the host rock.	40
Alteration				

201.1	202.6	DI,TR	Green, medium to coarse grain diopside, tremolite and green garnet assemblage in a granular texture in replacement of the initial ultramafic. Pseudo-brecciated structure outlined by variations of the composition.
202.6	204.6	BT,CD	Dark green , brownish. Fine grain, massive amphibole with locally veined pervasive cordierite surrounded by biotite.
204.6	204.9	SERP	Bright green, soft, flaky. Pervasive replacement of the primary foliated ultramafic.
Mineralization			
201.1	202.6	PO	1-2% PO over decimetric intervals. 1-2mm stringer and grains interstitial to silicates.
202.8			Trace -1% PO, less than 1mm, finely disseminated.

SAMPLES			Surimeau - Spring 2021			HOLE NO:SUR-21-08		PAGE: 4			
Sample	From m	To m	Length	DESCRIPTION	Au g/t						
46182	13.5	14.5	1.00	s3							
46183	14.5	15.5	1.00	s3 + qv							
46184	15.5	16.5	1.00	s3 + qv							
46185	16.5	18	1.50	s3							
46186	18	19.5	1.50	s3 + qz-ms veinlets							
46187	19.5	21	1.50	s3 + qz-ms veinlets							
46188	21	22	1.00	s3 + sil bands + qz-ab veinlet							
46189	22	23.5	1.50	s3							
46190	23.5	25	1.50	s3							
46191	25	26.5	1.50	s3							
46192				Quarter Cut of previous sample							
46193	26.5	28	1.50	s3							
46194	28	29.5	1.50	s3							
46195				Coarse Reject of previous sample							
46196	29.5	31	1.50	s3							
46197	31	32.5	1.50	s3							
46198	32.5	34	1.50	s3							
46199	34	35.35	1.35	s3							
46200	35.35	36.5	1.15	s3 + py							
46201	36.5	38	1.50	s3 + py + qz breccia at end							
46202				Blank							
46203	38	39.4	1.40	s3 + py + qz breccia at end							
46204	39.4	40.4	1.00	s3 + po + tr py + tr cpy + tr pent + tr sph							
46205	40.4	41.5	1.10	s3 + po + tr py + tr cpy + tr pent + tr sph							
46206	41.5	42.75	1.25	s3 + sil + po str + tr py, cpy, pent, sph							
46207	42.75	44.25	1.50	s3 + sil + py							
46208	44.25	45.45	1.20	s3 + sil + py							
46209	45.45	46.75	1.30	s3 + sil + po + py							
46210	46.75	48	1.25	s3 + sil + po + tr py + tr sph							
46211	48	48.4	0.40	s3 + sil + chl + po + py							
46212				Coarse Reject of previous sample							
46213	48.4	49.75	1.35	s3 + serpentine/chrysotile? + py + po							
46214	49.75	51	1.25	s3 + serpentine/chrysotile? + py + po							
46215				Quarter Cut of previous samples							
46216	51	52.5	1.50	qfp + s3 sil							
46217	52.5	53.5	1.00	s6gp + qzite + sil + po + py + actinolite							
46218	53.5	54.3	0.80	qzite? + sil + po + py + actinolite							
46219	54.3	55.3	1.00	s3 + graphite + po + py							

46220	55.3	56.5	1.20	s3 + graphite + po + py
46221	56.5	58	1.50	s3 + graphite + po + py
46222				Blank
46223	58	59	1.00	s6gp + s3 + sil + po + sph + tr pent, cpy, pd
46224	59	60	1.00	s6gp + s3 + po + py
46225	60	61.5	1.50	s3 + graphite + po + py
46226	61.5	62.5	1.00	s3 + graphite + po + cpy + moly + tr w + tr pd
46227	62.5	63.5	1.00	s3 + tr po, py
46228	63.5	64.5	1.00	s3 + tr po, py
46229	64.5	65.25	0.75	s6gp + po + tr py, tr sph, tr pent
46230	65.25	66	0.75	i4 + qz-ca-ab veinlet + tr cpy,pent,sph
46231	66	67.5	1.50	i4 + ca str
46232	67.5	69	1.50	i4 + ca str
46233	69	70.5	1.50	i4 + mv? + pyroxene + ca str
46234	70.5	72	1.50	i4
46235	72	73.15	1.15	i4
46236	73.15	74.5	1.35	i4 +hb
46237	74.5	76	1.50	i4 +hb
46238	76	77.5	1.50	i4 +hb
46239	77.5	79	1.50	i4 +hb
46240	79	80.5	1.50	i4
46241	80.5	82	1.50	i4
46242				Quarter Cut of previous sample
46243	82	83.5	1.50	i4 +hb
46244	83.5	85	1.50	i4 +hb + qz-ca
46245				Coarse Reject of previous sample
46246	85	86.5	1.50	i4 +hb
46247	86.5	87.5	1.00	i4 brecia + qz-ca
46248	87.5	89	1.50	i4 brecia + qz-ca+ bt
46249	89	90	1.00	i4+bt
46250	90	91.5	1.50	i4+bt+hb
46251	91.5	93	1.50	i4
46252				Blank
46253	93	94.5	1.50	i4
46254	94.5	96	1.50	i4
46255				Standard
46256	96	97.5	1.50	i4
46257	97.5	99	1.50	i4
46258	99	100.5	1.50	i4
46259	100.5	102	1.50	i4
46260	102	103.5	1.50	i4
46261	103.5	105	1.50	i4

46262				Coarse Reject of previous sample
46263	105	106.5	1.50	i4+hb+bt
46264	106.5	108	1.50	i4+bt
46265				Quarter Cut of previous samples
46266	108	108.6	0.60	s3
46267	108.6	110.1	1.50	i4+hb+bt
46268	110.1	111.35	1.25	i4
46269	111.35	112.85	1.50	i4+qz-ca
46270	112.85	114	1.15	i4+qz-ca breccia
46271	114	115.5	1.50	i4
46272				Blank
46273	115.5	117	1.50	i4
46274	117	118.5	1.50	i4
46275	118.5	120	1.50	i4
46276	120	121.5	1.50	i4
46277	121.5	123	1.50	i4
46278	123	124.5	1.50	i4
46279	124.5	126	1.50	i4
46280	126	127.5	1.50	i4
46281	127.5	128.35	0.85	i4
46282	128.35	129.4	1.05	i4
46283	129.4	130.5	1.10	i4
46284	130.5	132	1.50	i4
46285	132	133.5	1.50	i4
46286	133.5	135	1.50	i4
46287	135	136.5	1.50	i4
46288	136.5	138	1.50	i4
46289	138	139.5	1.50	i4
46290	139.5	141	1.50	i4
46291	141	141.65	0.65	i4 +fault
46292				Quarter Cut of previous sample
46293	141.65	143.15	1.50	i4
46294	143.15	144	0.85	i4
46295				Coarse Reject of previous sample
46296	144	145.5	1.50	i4
46297	145.5	147	1.50	i4
46298	147	148.5	1.50	i4
46299	148.5	150	1.50	i4
46300	150	151.5	1.50	i4
46301	151.5	153	1.50	i4
46302				Blank
46303	153	154.5	1.50	i4+ ca

46304	154.5	156	1.50	i4
46305	156	157.5	1.50	i4+ cgp
46306	157.5	159	1.50	i4
46307	159	160	1.00	i4
46308	160	161.5	1.50	i4
46309	161.5	162	0.50	i4
46310	162	163.5	1.50	i4
46311	163.5	165	1.50	i4
46312				Coarse Reject of previous sample
46313	165	166.5	1.50	i4
46314	166.5	168	1.50	i4
46315				Quarter Cut of previous samples
46316	168	169	1.00	i4
46317	169	170	1.00	i4
46318	170	171.5	1.50	i4
46319	171.5	173	1.50	i4+ diopside
46320	173	174	1.00	i4+ diopside+ ca+bt vein
46321	174	175.5	1.50	i4+ diopside+ ca+bt vein
46322				Blank
46323	175.5	177	1.50	i4+ diopside+ ca+bt vein + spinifex texture
46324	177	178.5	1.50	i4+ diopside+ ca+bt vein + spinifex texture
46325	178.5	180	1.50	i4
46326	180	181.5	1.50	i4
46327	181.5	183	1.50	i4
46328	183	184.5	1.50	i4
46329	184.5	186	1.50	i4
46330	186	186.55	0.55	i4+ bt + possible tremolite alt
46331	186.55	187.2	0.65	qfp
46332	187.2	188	0.80	i4+ bt + possible tremolite alt + po
46333	188	189	1.00	i4+po
46334	189	190.5	1.50	i4+po
46335	190.5	192	1.50	i4+po
46336	192	193	1.00	i4+po
46337	193	194	1.00	i4+po(2-3%)+ po
46338	194	195	1.00	s6gp+ bt +po+sph
46339	195	196	1.00	s6gp+po+sph+pn+cpy
46340	196	197.15	1.15	s6gp+po+sph+pn+cpy+sil
46341	197.15	198.2	1.05	s6gp+po+sph+pn+cpy+sil
46342				Quarter Cut of previous sample
46343	198.2	199.2	1.00	s6gp+po+sph+pn+cpy+sil
46344	199.2	200.1	0.90	s6gp+po+sph+pn+cpy
46345				Coarse Reject of previous sample

46346	200.1	201.1	1.00	s6gp+po+sph+pn+cpy+ sil+ca
46347	201.1	202.6	1.50	calc silicate + diopside + po+on+sph
46348	202.6	204	1.40	calc silicate + diopside + po+on+sph
46349	204	205.5	1.50	i4+ cr diopside etc
46350	205.5	207	1.50	i4+ po
46351	207	208.5	1.50	i4+ po
46352			0.00	Blank
46353	208.5	210	1.50	i4
46354	210	211.5	1.50	i4
46355	211.5	213	1.50	i4
46356	213	214.5	1.50	i4+ pyroxene injection
46357	214.5	216	1.50	i4
46358	216	217.5	1.50	i4
46359	217.5	219	1.50	i4
46360	219	220.5	1.50	i4
46361	220.5	222	1.50	i4

RQD			Surimeau - Spring 2021		HOLE NO:SUR-21-08		PAGE: 3						
FROM	TO	Length Core Run	Σ pieces >10cm	RQD %									
3.5	6	2.5	1.3	52.00									
6	9	3	1.5	50.00									
9	12	3	1.9	63.33									
12	15	3	2.2	73.33									
15	18	3	2.9	96.67									
18	21	3	2.2	73.33									
21	24	3	0.7	23.33									
24	27	3	1.4	46.67									
27	30	3	0.8	26.67									
30	33	3	1.8	60.00									
33	36	3	1.9	63.33									
36	39	3	1	33.33									
39	42	3	2.1	70.00									
42	45	3	2.9	96.67									
45	48	3	3	100.00									
48	51	3	2.4	80.00									
51	54	3	2.7	90.00									
54	57	3	1.9	63.33									
57	60	3	1.8	60.00									
60	63	3	2.35	78.33									
63	66	3	2.2	73.33									
66	69	3	2.65	88.33									
69	72	3	2.7	90.00	1.7								
72	75	3	3	100.00									
75	78	3	2.95	98.33									
78	81	3	3	100.00									
81	84	3	3	100.00									
84	87	3	2.6	86.67									
87	90	3	1.8	60.00									
90	93	3	3	100.00									
93	96	3	2.7	90.00									
96	99	3	2.9	96.67									
99	102	3	3	100.00									

102	105	3	2.3	76.67	1.8
105	108	3	3	100.00	
108	111	3	2.8	93.33	
111	114	3	2	66.67	
114	117	3	2.8	93.33	
117	120	3	2.3	76.67	
120	123	3	2.6	86.67	
123	126	3	2.8	93.33	
126	129	3	23	766.67	
129	132	3	2.7	90.00	
132	135	3	2.8	93.33	
135	138	3	2.9	96.67	
138	141	3	2.9	96.67	
141	144	3	1.3	43.33	
144	147	3	2.6	86.67	
147	150	3	3	100.00	
150	153	3	2.9	96.67	
153	156	3	2.7	90.00	
156	159	3	3	100.00	
159	162	3	2.5	83.33	
162	165	3	3	100.00	
165	168	3	3	100.00	
168	171	3	3	100.00	
171	174	3	3	100.00	
174	177	3	3	100.00	
177	180	3	3	100.00	
180	183	3	3	100.00	
183	186	3	2.9	96.67	
186	189	3	2.3	76.67	
189	192	3	3	100.00	
192	195	3	2.7	90.00	
195	198	3	2.3	76.67	
198	201	3	3	100.00	
201	204	3	3	100.00	
204	207	3	2.8	93.33	2.5
207	210	3	3	100.00	
210	213	3	3	100.00	0.9
213	216	3	3	100.00	
216	219	3	3	100.00	
219	222	3	3	100.00	
EOH					

Box Lengths			Surimeau - Spring 2021			HOLE NO:SUR-21-08			PAGE: 5	
DDH	Box Number	From m	To m	Box Length	DDH	Box Number	From m	To m	Box Length	
SUR-21-08	1	3.5	8.05	4.55						
SUR-21-08	2	8.05	12	3.95						
SUR-21-08	3	12	16.2	4.2						
SUR-21-08	4	16.2	20.5	4.3						
SUR-21-08	5	20.5	24.9	4.4						
SUR-21-08	6	24.9	29.1	4.2						
SUR-21-08	7	29.1	33.25	4.15						
SUR-21-08	8	33.25	37.2	3.95						
SUR-21-08	9	37.2	41.6	4.4						
SUR-21-08	10	41.6	45.85	4.25						
SUR-21-08	11	45.85	50.3	4.45						
SUR-21-08	12	50.3	54.4	4.1						
SUR-21-08	13	54.4	58.45	4.05						
SUR-21-08	14	58.45	62.6	4.15						
SUR-21-08	15	62.6	66.75	4.15						
SUR-21-08	16	66.75	71	4.25						
SUR-21-08	17	71	75.2	4.2						
SUR-21-08	18	75.2	79.5	4.3						
SUR-21-08	19	79.5	83.9	4.4						
SUR-21-08	20	83.9	87.45	3.55	blocky box					
SUR-21-08	21	87.45	92.2	4.75						
SUR-21-08	22	92.2	96.2	4						
SUR-21-08	23	96.2	100.45	4.25						
SUR-21-08	24	100.45	104.8	4.35						
SUR-21-08	25	104.8	109.2	4.4						
SUR-21-08	26	109.2	113.15	3.95						
SUR-21-08	27	113.15	117.35	4.2						
SUR-21-08	28	117.35	121.5	4.15						
SUR-21-08	29	121.5	126	4.5						
SUR-21-08	30	126	130.25	4.25						
SUR-21-08	31	130.25	134.5	4.25						
SUR-21-08	32	134.5	138.75	4.25						

SUR-21-08	33	138.75	143	4.25
SUR-21-08	34	143	147.15	4.15
SUR-21-08	35	147.15	151.5	4.35
SUR-21-08	36	151.5	155.7	4.2
SUR-21-08	37	155.7	160.05	4.35
SUR-21-08	38	160.05	164.2	4.15
SUR-21-08	39	164.2	168.4	4.2
SUR-21-08	40	168.4	172.5	4.1
SUR-21-08	41	172.5	177	4.5
SUR-21-08	42	177	181.2	4.2
SUR-21-08	43	181.2	185.5	4.3
SUR-21-08	44	185.5	189.8	4.3
SUR-21-08	45	189.8	194	4.2
SUR-21-08	46	194	198	4
SUR-21-08	47	198	202.25	4.25
SUR-21-08	48	202.25	206.5	4.25
SUR-21-08	49	206.5	210.9	4.4
SUR-21-08	50	210.9	215.1	4.2
SUR-21-08	51	215.1	219.2	4.1
SUR-21-08	52	219.2	222	2.8
SUR-21-08	53	222		-222
EOH				

Minroc Management

Project:		Surimeau - Spring 2021
Hole Number:		**SUR-21-09**
Units of Measurement:		Metres
Location	**NTS Sheet:**	
	Township:	
	Claim No:	
	Grid:	
	Easting:	
	Northing:	
	Elevation:	379
GPS Co-ordinates:	**Zone:**	17U
(if applicable)	**Datum:**	NAD83
	Easting:	697271
	Northing:	5328194
Collar Dip:		-45
Collar Azimuth:		180
Hole Length:		207
Core Size:		NQ
Recovery (%)		0.00
Logged By:		Martin Dermers
Date:	**Start:**	03-Apr-21
	Finish:	04-Apr-21
Drilled by:		SMP Drilling
Date:	**Start:**	02-Apr-21
	Finish:	03-Apr-21

	INCLINATION TESTS			
	DEPTH	**DIP**	**AZIMUTH**	(RAW)
Mag	**COLLAR**	-45.0	180.0	
57351	21	-46.63	174.64	186.64
57864	72	-46.29	179.95	191.95
55208	123	-45.98	180.94	192.94
55155	174	-42.85	182.69	194.69
55611	207	-41.34	183.42	195.42

Comments
Same section as PROP16. Covers southern half of volcanic/ultramafic belt. Passes ~50m W of historic Trench 24/25 area with significant mineralization (historic channels reported to inc. 3.5% Zn, 0.17% Ni and 0.02 oz/ton Au over 1.22m); and 2020 Minroc grabs up to 3.16% Zn
QA/QC info
Blank 1: Appalache Valley Pierre Decorative Stone
Standard-1: GEOSTATS GMB300-10C email : pjh@geostats.com.au

Minroc Management

FROM	TO	LITHO	Desc	Angle TCA
0	**6.5**	**OB**	**Overburden**	
6.5	**11.4**	**V4**	**Green, pillowed lava flow with vesicles passing gradually to massive and cracked flow tremolite, calcite assemblage, partly filled by calcite-biotite veins. Pillow contacts close to 80 degrees c.a. Massive structure.**	**80**
Structure				
6.5	11.4	CC,BT	20% coarse calcite vein surrounded by biotite, generally centimetric, forming a tight concordant network.	
Alteration				
6.5	11.4	AM	Green (Fe rich) amphibole, fine grain, pervasive replacement preserving primary structures.	
11.4	**59.35**	**V4m**	**Grey to blueish, fine grain but showing a tight fibrous to foliated texture. Down to 23m, discrete cracks and breccia relics. Continuous composition with the previous unit. About 5% disseminated pyroxene xenocrysts (1cm) from 19m to 27.9m . From 27.9 to 30.0m, volcanic breccia remnants with vesicle marking a flow contact. Spinifex remnants from 51 to 51.4m. Massive, slightly foliated.**	
Structure				
28.3	30.3	CARB	20% calcite-quartz veining, 0.3 to 2cm, tight concordant network. Unoriented biotite rich halos.	80
32.7	35.1	CARB	15% calcite veins (0.5 to 1cm) network.	60
50.4	50.9	CARB	15% calcite veins (0.5 to 1cm) network. Concordant filling volcanic cracks,	60
Alteration				
11.4	15	BT	10% disseminated biotite flakes.	
28.3	35.4	AM	Green (Fe rich) amphibole, fine grain, pervasive replacement preserving primary cracks and breccia.	
48.4	48.9	AM	Green (Fe rich) amphibole, fine grain, pervasive gradual replacement. Associated with a few calcite veins.	
57.1	57.15	BT	Crowded biotite or phlogopite layer, concordant.	
57.2	57.75	AM, BT	Green (Fe rich) amphibole, fine grain with biotite or phlogopite, pervasive gradual replacement.	

57.75	59.1	BT, CR	Grey to dark blue. Pale amphibole partly replaced by a biotite-cordierite assemblage corresponding to a patchy structure.	
59.1	59.35	BT	Biotite-phlogopite, gradual integral pervasive replacement of the ultramafic host rock.	
59.35	**72.2**	**S6gp**	**Grey to black, interlayered sulfides bearing graphitic siltstone at 60.9-61.4m, 65.9-66m, 67.3-67.8, 68.1-68.75m in sharp contact with graphitic mudstone and coarser wacke. Gradual graded variations outside siltstone. Upper and lower units contacts marked by massive biotite-phlogopite layers. Variably amphibolized and silicified. Sulfides (pyrrhotite, sphalerite, and minor chalcopyrite) mainly concentrated in graphitic siltstone layers as nodules and concordant laminations.**	
Structure				
69.35	73.4	BLOCKY	Open fractures pattern partly filled by marcasite where in contact with graphite mudstone.	
Alteration				
59.35	67.3	SI	Moderate pervasive silicification with plagioclase and grey amphibole.	
67.3	67.8	CARB	Calcite lamination in close association with pyrrhotite.	
68.7	72.2	SI	Moderate pervasive silicification with plagioclase, grey amphibole. Increasing gradually from top to bottom.	
Mineralisation				
59.35	60.9	PO	2%, PO, Trace PY, partial replacement of centimetric nodules, rare short veinlets.	
60.9	61.4	PO,SP	10%, PO, concordant ribbons with sphalerite. XRF: Zn2.5%	
63.3	64	PO	2%, PO, remobilized in lamination with silica.	
65.9	66	PO	20%, PO, centimetric nodules and concordant laminations. XRF: Ni0.17%,Zn6%	
67.3	68.7	PO,SP,CP	20%, PO, remobilized stringers over 0.1 to 0.3 metres intervals, associated with visible chalcopyrite stringers. XRF: Ni0.1%, Zn0.2%, Cu2.3%.	
71.8	72.2	PO,SP	5% PO lamination in close association with sphalerite. Discontinuous. XRF: Ni0.1%, Zn2.8%, Cu0.13%	
72.2	**120.6**	**V4**	**Grey to blueish, fine grain but showing a tight fibrous to foliated texture. Discreet cracks and breccia relics corresponding to komatiite flow tops, also associated with green amphibole and biotite. Volcanic breccia remnant From 77.5 to 82.8m. Strong serpentinization cracks and pseudo-breccia from 109 to 120m.**	
Structure				
75.5	75.9	QFP	Blueish, quartzo-feldspathic dykes. Medium crystallization, foliated, concordant contacts.	40
76.5	77.5	BLOCKY,CS	Broken core related to low core angle cohesive and ductile shearing	20
88.1	88.9	BLOCKY	Broken core related to low core angle cohesive fractures.	20

Alteration				
72.2	72.3	BT	Strong biotite-phlogopite, foliated with disseminated pyrrhotite.	60
72.3	73.85	AM, BT	Green amphibole (tremolite) in pervasive replacement with 10% biotite mostly in a discreet fractures network. Pyrrhotite associated.	
73.85	74.35	TC	Talc, massive with unoriented tremolite needles.	
74.35	82.6	BT	Biotite, forming a stringer zone around volcanic fragments.	
95.65	95.8	BT	Strong biotite-phlogopite, foliated.	50
103.25	105.2	AM	Green amphibole (tremolite) in pervasive replacement, associate with 5 to 10% concordant centimetric calcite veins.	
109.4	124.6	AM,BT,CHL	Greenish amphibole pervasive replacement associated with disseminated fine grain biotite. Possible partial chloritization. Strong crowded biotite from 112.7 to 113.1m and 115.5 to 115.65m. Weaker alteration level related to host rock primary silicification.	
Mineralisation				
72.2	74.35	PO	2%, Po, disseminated clots.	
75.5	75.7	PO	Trace, 1-2mm disseminated grains in the QFP	
82.6	86.4	PO	1-2%, PO, finely disseminated in the ultramafic matrix, local control by primary volcanic fractures and brecciated zones. XRF,83.5m: Ni0.4%, 86m: Ni0.12%	
115	124.6	PO	Trace to 1%, PO, less than 1mm, fine grain, mixed with silicates.	
120.6	**124.9**	**V4**	**Brownish grey, ultramafic flows showing a strong metasomatic micro-globular structure over metric intervals interlayered with siliceous, aphanitic sediments lenses (121.1-121.3m, 123.0-123.3m). Dark green amphibole mixed with biotite over the whole unit.**	**60**
Alteration				
120.6	124.9	BT	Strong biotite-phlogopite, foliated intermixed with tremolite and silica forming a mesh structure. XRF, 117m: Ni0.07%	60
Mineralisation				
121.1	121.3	PO	3%, PO, 1-2mm, mixed with biotite.	
123	123.3	PO,SP	5%, PO, disseminated and concentrated in concordant laminations. XRF, 123.3m: Ni0.08%, Zn0.1%, Cu0.037%.	
124	124.5	PO,SP	3%, PO, 1-2mm, disseminated in a siliceous matrix. XRF, 124m: Zn0.4%.	

124.9	**207**	**S3**	**Brownish grey medium grain sediment, biotite-quartz-plagioclase composition. Porphyroblastic with up to 20% 2-8mm zones of strongly mica altered cordierite and garnet porphyroblasts down to about 156m, replaced by fresh garnet+staurodite porphyroblasts in a more siliceous matrix. Transition corresponding to the appearance of 5% concordant and transposed quartz veins (0.2 to 2cm). Graphitic bed, well foliated from 144.75 to 144.9m.**	**60**
Structure				
134.1	135.6	QV	Brecciated blue quartz vein over 0.1 at 134.15m and 135.55. Associated with laminated pyrrhotite. Concordant to the surrounding fabric.	60
155.5	155.7	PEG	Quartz - K feldspar pegmatite, concordant.	60
166.6	166.7	QV	Quartz, grey, coarsely crystallized. Concordant.	
195.3	196.05	QFP	Grey, phaneritic 2mm granodiorite primary foliated texture replaced by plagioclase + minor quartz.	70
198.1	199.2	QFP	Grey, phaneritic 2mm granodiorite foliated primary texture replaced by plagioclase + minor quartz. Satellite injection from 199 to 199.1m.	
200.6	200.9	QFP	Dark grey, granoblastic feldspathic intrusion, replacement of a primary granodiorite. Layered and concordant contact. Cross cut by quartz-tremolite centimetric veins. Pyrrhotite, trace, finely disseminated.	75
Alteration				
124.9	137	CRD	Strong biotite-cordierite porphyroblastic alteration, locally associated with tremolite.	60
147.55	148.6	AM	Greenish, amphibole replacement of aluminous silicates, foliated. Pyrrhotite , trace at 148m, 5 to 10cm amphibolized layers at 182.5m, 185m, 189.7m	
155.4	155.8	BT	Strong biotite, following the main foliation	
196.05	196.2	BT	Biotite-plagioclase, concordant layering.	70
196.2	198.1	AM, SI	Dark green, fine grain, amphibole and biotite bearing calc-silicate replacement of the sediment. Late fractures pattern with pyrite-marcasite filling.	
Mineralisation				
125	127.5	PO	Trace to 1%, PO, 1-10mm, lenses and disseminated, surrounded by tremolite halos in a siliceous matrix. XRF, 125.8m: Cu0.082%	
134.15	134.3	PO	5%, PO, concentrated in concordant laminations with quartz.	70
135.55	135.65	PO	10%, PO, 2-5mm clusters in quartz.	
144.5	144.9	PY	2%, PY and marcasite, 1mm, lenses inside the fabric. XRF, 144.6m: Ni0.1%, Zn0.1%	
157.5	158.8	PY	Trace, PY-marcasite, in fractures with mica halos.	20
196.2	198.1	PO	3%, PO, disseminated, interstitial to amphibole. Pyrrhotite, trace down to 204m. XRF, 197m: Cu0.07%	

SAMPLES			Surimeau - Spring 2021				HOLE NO:SUR-21-09		PAGE: 4	
Sample	From m	To m	Length	DESCRIPTION	Au g/t					
46363	6.5	7.5	1.00	i4+chl+ca						
46364	7.5	9	1.50	i4+chl+ca						
46365				Quarter Cut of previous samples						
46366	9	10.5	1.50	i4+chl+ca						
46367	10.5	11.5	1.00	i4+chl+ca						
46368	11.5	13	1.50	i4						
46369	13	14	1.00	i4						
46370	14	15	1.00	i4						
46371	15	16.5	1.50	i4+bt						
46372				Blank						
46373	16.5	18	1.50	i4						
46374	18	19.5	1.50	i4						
46375	19.5	21	1.50	i4						
46376	21	22.5	1.50	i4						
46377	22.5	24	1.50	i4						
46378	24	25.5	1.50	i4						
46379	25.5	27	1.50	i4						
46380	27	28.5	1.50	i4						
46381	28.5	30	1.50	i4+chl+bt+ca						
46382	30	31.5	1.50	i4+chl+bt+ca						
46383	31.5	33	1.50	i4+chl+bt+ca						
46384	33	34.5	1.50	i4+chl+bt+ca						
46385	34.5	36	1.50	i4+chl+bt+ca						
46386	36	37.5	1.50	i4+chl+bt+ca						
46387	37.5	39	1.50	i4						
46388	39	40.5	1.50	i4						
46389	40.5	42	1.50	i4						
46390	42	43.5	1.50	i4						
46391	43.5	45	1.50	i4						
46392			0.00	Quarter Cut of previous sample						
46393	45	46.5	1.50	i4						
46394	46.5	48	1.50	i4+bt+chl+ca						
46395				Coarse Reject of previous sample						
46396	48	49.5	1.50	i4+bt+chl+ca						
46397	49.5	51	1.50	i4+bt+chl+ca						
46398	51	52.5	1.50	i4+bt+chl+ca						
46399	52.5	54	1.50	i4						
46400	54	55	1.00	i4						

46401	55	56	1.00	i4
46402				Blank
46403	56	57.1	1.10	
46404	57.1	58.35	1.25	i4+bt
46405				Standard
46406	58.35	59.35	1.00	i4+ strong bt
46407	59.35	60	0.65	s6+sph+cp+po + mar(marcasite)
46408	60	60.8	0.80	s6gp+sph+cp+po + mar(marcasite)
46409	60.8	62	1.20	s6gp+sph+cp+po + mar(marcasite)
46410	62	63	1.00	s6gp+sph+cp+po + mar(marcasite)
46411	63	64	1.00	s6+po+sph
46412				Coarse Reject of previous sample
46413	64	65	1.00	s6gp+sph+po+py
46414	65	66	1.00	s6gp+sph+po+py
46415				Quarter Cut of previous samples
46416	66	67.3	1.30	s6+sil+ <1 % py
46417	67.3	68.3	1.00	s6gp+sil+sph+cp+po +ca
46418	68.3	69.3	1.00	s6gp+sil+sph+cp+po +ca
46419	69.3	70.3	1.00	s6+sil+po+sph+mar
46420	70.3	71.3	1.00	s6+sil+po+sph+mar
46421	71.3	72.2	0.90	s6+sil+po+sph+mar
46422				Blank
46423	72.2	73.5	1.30	i4+po+ str bt at contact
46424	73.5	75	1.50	i4+po+ bt + po+ tremolite
46425	75	75.5	0.50	i4+po+ bt + po+ tremolite
46426	75.5	75.9	0.40	qfp+po
46427	75.9	77	1.10	i4+tremo+ bt
46428	77	78	1.00	i4+bt
46429	78	79.5	1.50	i4+bt
46430	79.5	81	1.50	i4+bt +po
46431	81	82.5	1.50	i4
46432	82.5	84	1.50	i4+po
46433	84	85.5	1.50	i4+po
46434	85.5	87	1.50	i4+po
46435	87	88.5	1.50	i4
46436	88.5	90	1.50	i4+bt+blocky
46437	90	91.5	1.50	i4
46438	91.5	93	1.50	i4
46439	93	94.5	1.50	i4
46440	94.5	94.95	0.45	i4
46441	94.95	96	1.05	i4+bt
46442				Quarter Cut of previous sample

46443	96	97.5	1.50	i4
46444	97.5	99	1.50	i4
46445				Coarse Reject of previous sample
46446	99	100.5	1.50	i4
46447	100.5	102	1.50	i4
46448	102	103.5	1.50	i4
46449	103.5	105	1.50	i4+ actinolite +ca
46450	105	106.5	1.50	i4
46451	106.5	108	1.50	i4
46452				Blank
46453	108	109.5	1.50	i4
46454	109.5	111	1.50	i4
46455	111	112.5	1.50	i4
46456	112.5	114	1.50	i4
46457	114	115.5	1.50	i4
46458	115.5	117	1.50	i4
46459	117	118	1.00	i4+bt+sil+po
46460	118	119	1.00	i4+bt+sil+po
46461	119	120	1.00	i4+bt+sil+po
46462				Coarse Reject of previous sample
46463	120	121	1.00	i4+bt
46464	121	122	1.00	i4+bt+po
46465				Quarter Cut of previous samples
46466	122	123	1.00	i4+s6 mix+sil +po
46467	123	124	1.00	s6+sil+py+po+sph
46468	124	125	1.00	s6+bt+po
46469	125	126	1.00	s6+bt+po+sil
46470	126	127.5	1.50	s6+bt+po+sil
46471	127.5	129	1.50	s6
46472				Blank
46473	129	130.5	1.50	s6
46474	130.5	132	1.50	s6+corderite
46475	132	132.9	0.90	s6+corderite
46476	132.9	133.9	1.00	s6+corderite
46477	133.9	135.4	1.50	s6+po+sph+qz narrow band
46478	135.4	136.1	0.70	s6+po+sph+qz narrow band
46479	136.1	137.5	1.40	s6
46480	144	144.75	0.75	s6+PY tr
46481	144.75	145.5	0.75	S6GP+PY
46482	145.5	147	1.50	S6
46483	147	148.5	1.50	S6+AM+Potr
46484	148.5	150	1.50	S6+QZ+Pytr

46485	155	156	1.00	S6+PEG
46486	156	157.5	1.50	S6+QZ
46487	157.5	159	1.50	S6+fr+Pytr
46488	165	166.5	1.50	S6+BT+CRD
46489	166.5	167.5	1.00	S6+vnQZ+BT
46490	186	187.5	1.50	S6+vnQZ+BT
46491	187.5	188.85	1.35	S6+BT
46492	188.85			Quarter Cut of previous sample
46493	193	194.3	1.30	S6+PY
46494	194.3	195.3	1.00	S6+PY+QZstk
46495				Coarse Reject of previous sample
46496	195.3	196.05	0.75	qfp+po
46497	196.05	197	0.95	S6+AM+BO+PO2-3%
46498	197	198.1	1.10	S6+AM+BO+PO2-3%
46499	198.1	199.2	1.10	qfp+po
46500	199.2	200.2	1.00	S6
46501	200.2	201	0.80	S6+qfp
46502				Blank
46503	201	202.5	1.50	S6+Qzstringers
46504	202.5	204	1.50	S6
46505	204	205.5	1.50	S6
46506	205.5	207	1.50	S6

RQD			Surimeau - Spring 2021		HOLE NO:SUR-21-09	PAGE: 3
FROM	TO	Length Core Run	Σ pieces >10cm	RQD %		
6.5	9	2.5	2.5	100.00		
9	12	3	3	100.00		
12	15	3	2.5	83.33		
15	18	3	3	100.00		
18	21	3	32	1066.67		
21	24	3	3	100.00		
24	27	3	23	766.67		
27	30	3	2.9	96.67		
30	33	3	3	100.00		
33	36	3	2.7	90.00		
36	39	3	3	100.00		
39	42	3	3	100.00		
42	45	3	2.9	96.67		
45	48	3	2.6	86.67		
48	51	3	2.8	93.33		
51	54	3	2.85	95.00		
54	57	3	3	100.00		
57	60	3	2.4	80.00		
60	63	3	2	66.67		
63	66	3	2.4	80.00		
66	69	3	2.4	80.00		
69	72	3	1.6	53.33		
72	75	3	2.1	70.00		
75	78	3	1.9	63.33		
78	81	3	2.1	70.00		
81	84	3	2.1	70.00		
84	87	3	2.75	91.67		
87	90	3	1.95	65.00		
90	93	3	2.7	90.00		
93	96	3	2.7	90.00		
96	99	3	3	100.00		
99	102	3	3	100.00		
102	105	3	2.4	80.00		

105	108	3	3	100.00
108	111	3	3	100.00
111	114	3	3	100.00
114	117	3	3	100.00
117	120	3	3	100.00
120	123	3	3	100.00
123	126	3	3	100.00
126	129	3	2.9	96.67
129	132	3	2.9	96.67
132	135	3	3	100.00
135	138	3	2.3	76.67
138	141	3	3	100.00
141	144	3	3	100.00
144	147	3	2.8	93.33
147	150	3	2.8	93.33
150	153	3	2.8	93.33
153	156	3	2.8	93.33
156	159	3	2.9	96.67
159	162	3	2.9	96.67
162	165	3	3	100.00
165	168	3	3	100.00
168	171	3	2.8	93.33
171	174	3	2.8	93.33
174	177	3	2.8	93.33
177	180	3	2.95	98.33
180	183	3	2.5	83.33
183	186	3	2.5	83.33
186	189	3	1.8	60.00
189	192	3	2.5	83.33
192	195	3	2.7	90.00
195	198	3	2.6	86.67
198	201	3	2.8	93.33
201	204	3	2.8	93.33
204	207	3	2.9	96.67
EOH				

Box Lengths

Surimeau - Spring 2021 | HOLE NO:SUR-21-09 | PAGE: 5

DDH	Box Number	From m	To m	Box Length	DDH	Box Number	From m	To m	Box Length		
SUR-21-09	1	6.5	10.6	4.1							
SUR-21-09	2	10.6	14.95	4.35							
SUR-21-09	3	14.95	19.3	4.35							
SUR-21-09	4	19.3	23.8	4.5							
SUR-21-09	5	23.8	27.9	4.1							
SUR-21-09	6	27.9	32.2	4.3							
SUR-21-09	7	32.2	36.35	4.15							
SUR-21-09	8	36.35	40.75	4.4							
SUR-21-09	9	40.75	45.1	4.35							
SUR-21-09	10	45.1	49.3	4.2							
SUR-21-09	11	49.3	53.5	4.2							
SUR-21-09	12	53.5	57.75	4.25							
SUR-21-09	13	57.75	61.9	4.15							
SUR-21-09	14	61.9	66.2	4.3							
SUR-21-09	15	66.2	70.1	3.9							
SUR-21-09	16	70.1	74.35	4.25							
SUR-21-09	17	74.35	78.3	3.95							
SUR-21-09	18	78.3	82.4	4.1							
SUR-21-09	19	82.4	86.7	4.3							
SUR-21-09	20	86.7	90.7	4							
SUR-21-09	21	90.7	94.95	4.25							
SUR-21-09	22	94.95	99.3	4.35							
SUR-21-09	23	99.3	103.4	4.1							
SUR-21-09	24	103.4	107.75	4.35							
SUR-21-09	25	107.75	112	4.25							
SUR-21-09	26	112	116.35	4.35							
SUR-21-09	27	116.35	120.4	4.05							
SUR-21-09	28	120.4	124.8	4.4							
SUR-21-09	29	124.8	129.1	4.3							
SUR-21-09	30	129.1	133.4	4.3							
SUR-21-09	31	133.4	137.4	4							
SUR-21-09	32	137.4	141.8	4.4							

SUR-21-09	33	141.8	146.1	4.3
SUR-21-09	34	146.1	150.3	4.2
SUR-21-09	35	150.3	154.6	4.3
SUR-21-09	36	154.6	158.95	4.35
SUR-21-09	37	158.95	163.25	4.3
SUR-21-09	38	163.25	167.5	4.25
SUR-21-09	39	167.5	171.9	4.4
SUR-21-09	40	171.9	176.15	4.25
SUR-21-09	41	176.15	180.35	4.2
SUR-21-09	42	180.35	184.7	4.35
SUR-21-09	43	184.7	188.85	4.15
SUR-21-09	44	188.85	193	4.15
SUR-21-09	45	193	197.2	4.2
SUR-21-09	46	197.2	201.4	4.2
SUR-21-09	47	201.4	205.65	4.25
SUR-21-09	48	205.65	207	1.35
EOH				

Minroc Management

Project:		Surimeau - Spring 2021
Hole Number:		**SUR-21-10**
Units of Measurement:		Metres
Location	**NTS Sheet:**	
	Township:	
	Claim No:	
	Grid:	
	Easting:	
	Northing:	
	Elevation:	374
GPS Co-ordinates:	**Zone:**	17U
(if applicable)	**Datum:**	NAD83
	Easting:	697555
	Northing:	5328255
Collar Dip:		-45
Collar Azimuth:		180
Hole Length:		201
Core Size:		NQ
Recovery (%)		0.00
Logged By:		Martin Dermers
Date:	**Start:**	04-Apr-21
	Finish:	05-Apr-21
Drilled by:		SMP Drilling
Date:	**Start:**	03-Apr-21
	Finish:	04-Apr-21

	INCLINATION TESTS			
	DEPTH	**DIP**	**AZIMUTH**	(RAW)
Mag	**COLLAR**	-45.0	180.0	
55338	18	-44.59	181.65	193.65
55586	69	-44.35	182.84	194.84
55222	171	-43.48	185.8	197.8

Comments
Same section as PROP14. Covers southern half of volcanic/ultramafic belt and duplicate mineralization seen in S-1 and S-5, ~50m to the west (inc. possible intervals of 0.24% Ni over 9.3m, poorly documented)
QA/QC info
Blank 1: Appalache Valley Pierre Decorative Stone
Standard-1: GEOSTATS GMB300-10C email : pjh@geostats.com.au

Minroc Management

FROM	TO	LITHO	Desc	Angle TCA
0	**3.3**	**OB**	**Overburden**	
3.3	**98.3**	**V4, BR**	**Dark grey to blueish, fine grain foliated, composed of magnesian amphibole + pyroxene. Common volcanic textures relics showing alternating intervals of coarser grains cumulate, pillowed, cracked and breccia textures. Locally replacement of serpentinization pseudo-breccia and volcanic breccia relic structures by calc-silicate assemblage like from 24 to 34.5m and 43.5 to 49.5m. Pillows rims from 37 to 40m. Generally weakly carbonatized.**	
Structure				
5	5.55	CARB	15% centimetric calcite veins, stringer zone. Green tremolite host rock.	
16.4	16.85	CARB	10%, 0.2 to 0.5cm calcite veins stringer zone, mostly concordant to the main fabric, hosted in tremolite rich host rock. XRF, 16.4m: Ni0.2%.	
23.1	24	BLOCKY,FLT	Broken core along fractures, locally reduced to mud. No sign of ductile deformation.	
24	33.4	VEIN	Veined pattern and open breccia corresponding to diopside-tremolite replacement. Ended at 36m.	
33.4	34.2	QFP	Dark grey to blue, porphyroblastic plagioclase-quartz texture. Split in segments from 33.4 to 33.5m, 33.6m, 34.1m, and from 34.05 to 34.2m.	90
37	43.5	FOL	Foliated interval with constant orientation.	45
44.6	47.7	QFP	Dark grey to blue, porphyroblastic plagioclase and K feldspar relics with fine grain pervasive biotite, moderately magnetic. Decimetric dykes swarm with main dykes from 45.2m to 45.85m. Surrounded by strong biotite and chlorite.	80
54	54.3	QFP, BLOCKY	Dark grey to blue, porphyroblastic plagioclase-quartz texture. Strongly fractured	
73.8	80.2	CARB	20% spathic calcite veins forming a stringer, partly controlled by volcanic flows breccia.	60
80.5	84.65	QFP	50% qfp dykes, from 1 few cm up to 1m. Porphyritic, about 40% plagioclase phenocrysts (2-4mm) in a plagioclase rich matrix with biotite or amphibole. Sharp oblique contacts with the ultramafic, texture aligned following a fabric. Intrusive contact on calcite stringers. Main segments from 81.95 to 82.3m, 85.5 to 86.5m, 87.25 to 88.2m, 88.55 to 89.65m. Rare sporadic pyrrhotite, disseminated, at 83 and 86m.	
92.05	94.5	CARB	10-15% spathic calcite veins forming a stringer of sub-parallel centimetric veins, local fracture filling.	70
Alteration				
16.1	16.85	AM	Green amphibole with trace biotite. Aphanitic massive replacement with calcite. Gradual contacts.	

24.5	32.8	DI,CC	Pale grey, stringer or pseudo breccia structure replaced by fine grain unoriented diopside - calcite - tremolite associated locally with pale grossular garnet. Biotite, fine grain, increasing from to bottom of unit.	
32.8	51.45	BT,AM	Dark brown to green, fine to medium grain, massive biotite-green tremolite replacement. Randomly oriented biotite in volcanic structure. PO disseminated from 33.3 to 33.4m.	
57	71	CC	Pale grey, cloudy concentrations of white spathic calcite surrounded over 0.2 to 0-.5m intervals surrounded by weak dissemination. Hosted in a fine grain tremolite rich matrix.	
73.4	88.25	AM	Green, fine grain, weakly foliated Fe amphibole assemblage in replacement of the volcanic texture. Sporadic pervasive biotite replacement over 0.4 to 0.6m intervals in contact with qfp. Calcite veins stringers from 83.15 to 84m.	
92.05	94.7	AM	Green, fine grain, mostly massive Fe amphibole assemblage in replacement of the volcanic texture. Biotite pervasive replacement from 94.6 to 94.7m.	
98.3	**151.4**	**V4**	**Dark grey to blueish, massive grey fibrous and foliated amphibole. Massive volcanic facies with about 5% centimetric strongly magnetic pyroxene xenocrysts between 98.3m and 108m. Local serpentinization pseudo-breccia relics mostly between 107.5 and 112m.**	
Structure				
120.7	121	QFP	Beige to dark blue. Medium grain, plagioclase composition. Partly recrystallized giving a patchy texture.	
128	128.3	CARB	40% calcite stringer, a few millimetre to centimetric, hosted in a biotite rich matrix.	
129.3	129.6	CARB	20% calcite stringer, a few millimetre to centimetric, hosted in a biotite rich matrix.	
Alteration				
113.6	118.7	AM	Green, fine grain amphibole. Massive replacement of the ultramafic primary texture. Biotite concentrated around centimetric parallel calcite veins.	
120.4	121.45	SI	Grey-green. Fine grain, weak pervasive silicification.	
121.45	122.85	SI	Pinkish grey, aphanitic, replacement texture over ultramafic. 5%-10% green amphibole clots 0.2 to 1cm hosting pyrite-pyrrhotite-sphalerite.	90
122.85	129.8	BT,TR,CRD	Brown to bluish, 1-2mm, randomly oriented crystallization of secondary biotite in the matrix, intimately associated with cordierite, randomly oriented tremolite in veins. Variable intensity, selective replacement of volcanic structures.	
134.1	139.5	BT,TR,CRD	Brown to bluish, 1-2mm, randomly oriented crystallization of secondary biotite in the matrix, intimately associated with cordierite, randomly oriented tremolite in veins. Variable intensity, selective replacement of volcanic structures, stronger from 136 to 137m, 141 to 143.3m.	
139.5	146.2	TR	Black, fine grain, massive, randomly oriented tremolite, trace biotite.	
146.2	151.4	SI	Beige to grey, aphanitic, glassy silica rich layered assemblage with local tremolite diopside remnants reaching locally 50%.	90

Mineralisation				
120.3	120.7	PO	2%, PO, 1mm, disseminated in the siliceous matrix. XRF, 120.4m: Ni0.1%, Cu0.12%	
121.45	122.3	PO,SP	2%, PO, PY, SP, 0.2 to 1.5cm clots closely associated with green amphibole, also in fractures. XRF, 122m: Zn0.8%	
122.75	122.85	PO	3-5%, PO, stringer with green amphibole. XRF, 122.2m: Ni0.1%, Zn1.3%	90
146.2	151.4	PO,SP	5-10%, PO, disseminate and concordant lenses controlled by the fabric. Up to 3% interstitial sphalerite. XRF, 148m: Zn1.4%, Cu0.04%, 149m: Zn1.3%, Cu0.07%, Ni0.04%.	
151.4	**201**	**S3**	**Brown, fine grain quartz-biotite sediments, layered with rare bedding evidences taking the form of laminated biotite-hornblende rich centimetric to decimetric layers. Up to 10% altered cordierite syn-kinematic porphyroblasts, mostly developed from 151.4 to 161m. Weak tremolite, disseminated and in foliation plane and hornblende rich layers down to 190m, associated with secondary biotite. 5% concordant quartz veins, generally centimetric. Marcasite filling concordant fractures from 163.7 to 164.2m, pyrrhotite, finely disseminated at 185m.**	**70**
Structure				
179.5	179.7	QV	White, coarse crystalline quartz without alteration halo.	80
183	183.1	QV	White, coarse crystalline quartz without alteration halo.	80
Alteration				
113.6	118.7	SI	Beige to grey, aphanitic, glassy silica rich layered to massive assemblage overprinting the sedimentary texture with biotite.	90
Mineralisation				
120.3	120.7	PO	1-5%, PO, disseminated and concordant lenses (2-3mm) controlled by the fabric. Up to 3% interstitial sphalerite. XRF, 148m: Zn1.4%, Cu0.04%	

SAMPLES			Surimeau - Spring 2021			HOLE NO:SUR-21-10		PAGE: 4			
Sample	From m	To m	Length	DESCRIPTION	Au g/t						
46507	3.3	4.8	1.50	V4 (replace I4 according to volcanic structure observed)							
46508	4.8	6	1.20	V4,br,CC							
46509	6	7.5	1.50	V4							
46510	7.5	9	1.50	V4							
46511	9	10.5	1.50	V4							
46512				Coarse Reject of previous sample							
46513	10.5	12	1.50	V4,SI,DI							
46514	12	13.5	1.50	V4							
46515				Quarter Cut of previous samples							
46516	13.5	15	1.50	V4							
46517	15	16.4	1.40	V4							
46518	16.4	17	0.60	V4							
46519	17	18	1.00	V4							
46520	18	19.5	1.50	V4							
46521	19.5	21	1.50	V4							
46522				Blank							
46523	21	22.5	1.50	V4							
46524	22.5	24	1.50	V4							
46525	24	25.5	1.50	V4							
46526	25.5	27	1.50	V4							
46527	27	28.5	1.50	V4,br							
46528	28.5	30	1.50	V4,br,qfp							
46529	30	31.5	1.50	V4,br,qfp,qv,PO							
46530	31.5	33	1.50	V4,br,qfp							
46531	33	34.2	1.20	V4,br,qfp							
46532	34.2	35.2	1.00	V4,br,qfp							
46533	35.2	36.2	1.00	V4br							
46534	36.2	37.7	1.50	V4,qz							
46535	37.7	39	1.30	V4,DI							
46536	39	40.5	1.50	V4,qz,cc							
46537	40.5	42	1.50	V4,BR,BO							
46538	42	43.5	1.50	V4,BO							
46539	43.5	44.55	1.05	V4,BR,BO							
46540	44.55	45.85	1.30	V4 (20%),qfp (80%)							
46541	45.85	46.85	1.00	V4,BR (60%), qfp (40%)							
46542	46.85			Quarter Cut of previous sample							
46543	46.85	48	1.15	V4,BR (60%), qfp (40%)							
46544	48	49.5	1.50	V4,BR							

46545				Coarse Reject of previous sample
46546	49.5	51	1.50	V4,qfp
46547	51	52.5	1.50	V4
46548	52.5	54	1.50	V4
46549	54	55.5	1.50	V4, qfp (54,54.3m)
46550	55.5	57	1.50	V4
46551	57	58.5	1.50	V4
46552				Blank
46553	58.5	60	1.50	V4,CC
46554	60	61.5	1.50	V4,CC
46555				Standard
46556	61.5	63	1.50	V4,CC
46557	63	64.5	1.50	V4,BO
46558	64.5	66	1.50	V4,BO, QZ-cb,STK
46559	66	67.5	1.50	V4
46560	67.5	69	1.50	V4,CC
46561	69	70.5	1.50	V4,CC
46562				Coarse Reject of previous sample
46563	70.5	72	1.50	V4
46564	72	73.5	1.50	V4
46565				Quarter Cut of previous samples
46566	73.5	75	1.50	V4,br
46567	75	76.5	1.50	V4,br
46568	76.5	78	1.50	V4,br
46569	78	79.5	1.50	V4,br
46570	79.5	80.5	1.00	V4,br
46571	80.5	81.75	1.25	V4 (70%), QFP (30%)
46572				Blank
46573	81.75	82.85	1.10	V4 (70%), QFP (30%)
46574	82.85	84	1.15	V4 (70%), QFP (30%),BO
46575	84	85.15	1.15	V4 (70%), QFP (30%),BO
46576	85.15	86.5	1.35	QFP
46577	86.5	87.25	0.75	V4,br
46578	87.25	88.2	0.95	QFP
46579	88.2	89.65	1.45	QFP,V4
46580	89.65	91.15	1.50	V4
46581	91.15	92.05	0.90	V4
46582	92.05	93	0.95	V4,br
46583	93	94.5	1.50	V4,br
46584	94.5	96	1.50	V4,br
46585	96	97.5	1.50	V4,br
46586	97.5	98.3	0.80	V4,br

46587	98.3	99	0.70	V4,xctx (xenocrysts)
46588	99	100.5	1.50	V4,xctx
46589	100.5	102	1.50	V4,xctx
46590	102	103.5	1.50	V4,xctx
46591	103.5	105	1.50	V4,xctx
46592				Quarter Cut of previous sample
46593	105	106.5	1.50	V4,xctx
46594	106.5	108	1.50	V4,xctx
46595				Coarse Reject of previous sample
46596	108	109.5	1.50	V4,xctx
46597	109.5	111	1.50	V4,xctx
46598	111	112.5	1.50	v4
46599	112.5	114	1.50	v4
46600	114	115.5	1.50	v4
46601	115.5	117	1.50	
46602				Blank
46603	117	118.5	1.50	v4+ carb
46604	118.5	120	1.50	v4+ carb
46605	120	121.45	1.45	v4+ sil+ po+sph
46606	121.45	122.85	1.40	v4+strong sil +po+sph
46607	122.85	124.35	1.50	v4 breccia
46608	124.35	125	0.65	v4 breccia
46609	125	126	1.00	v4
46610	126	127.5	1.50	v4
46611	127.5	129	1.50	v4
46612				Coarse Reject of previous sample
46613	129	130.45	1.45	v4
46614	130.45	132	1.55	v4
46615				Quarter Cut of previous samples
46616	132	133.5	1.50	v4
46617	133.5	135	1.50	v4
46618	135	136.5	1.50	v4
46619	136.5	138	1.50	v4
46620	138	139.5	1.50	v4
46621	139.5	141	1.50	v4
46622				Blank
46623	141	142.3	1.30	v4
46624	142.3	143.3	1.00	v4
46625	143.3	144.8	1.50	v4
46626	144.8	146.25	1.45	v4
46627	146.25	147.55	1.30	v4+ strong sil replacement+po+sph
46628	147.55	148.65	1.10	v4+ strong sil replacement+po+sph

46629	148.65	150	1.35	v4+ strong sil replacement+po+sph
46630	150	151.4	1.40	v4+ strong sil replacement+po+sph
46631	151.4	152.4	1.00	s6+po
46632	152.4	153.9	1.50	s6+qz-tremo vein +po
46633	153.9	155	1.10	s6
46634	155	156	1.00	s6
46635	156	157.5	1.50	s6
46636	163.7	164.25	0.55	s6+mar+tremolite
46637	179.45	180.6	1.15	s6+qz+bt
46638	185	186	1.00	s6+qz+bt
46639	195	196.5	1.50	s6+tremo fractures
46640	196.5	198	1.50	s6+
46641	198	199.5	1.50	s6+
46642			0.00	Quarter Cut of previous sample
46643	199.5	201	1.50	s6

RQD			Surimeau - Spring 2021		HOLE NO:SUR-21-10		PAGE: 3				
FROM	TO	Length Core Run	Σ pieces >10cm	RQD %							
3.3	6	2.7	1.3	48.15							
6	9	3	2.4	80.00							
9	12	3	2.3	76.67							
12	15	3	2.9	96.67							
15	18	3	3	100.00							
18	21	3	3	100.00							
21	24	3	2.3	76.67							
24	27	3	2.75	91.67							
27	30	3	2.6	86.67							
30	33	3	2.5	83.33							
33	36	3	2.7	90.00							
36	39	3	2.3	76.67							
39	42	3	2.3	76.67							
42	45	3	2.5	83.33							
45	48	3	2.5	83.33							
48	51	3	2.5	83.33							
51	54	3	2.8	93.33							
54	57	3	2.3	76.67							
57	60	3	3	100.00							
60	63	3	3	100.00							
63	66	3	2.9	96.67							
66	69	3	2.9	96.67							
69	72	3	3	100.00							
72	75	3	2.8	93.33							
75	78	3	2.95	98.33							
78	81	3	2.9	96.67							
81	84	3	2.9	96.67							
84	87	3	2.7	90.00							
87	90	3	2.25	75.00							
90	93	3	3	100.00							
93	96	3	3	100.00							
96	99	3	2.2	73.33							
99	102	3	3	100.00							

102	105	3	3	100.00
105	108	3	2.9	96.67
108	111	3	3	100.00
111	114	3	3	100.00
114	117	3	2.9	96.67
117	120	3	2.9	96.67
120	123	3	3	100.00
123	126	3	2.3	76.67
126	129	3	1.4	46.67
129	132	3	2.8	93.33
132	135	3	2.9	96.67
135	138	3	2.55	85.00
138	141	3	2.55	85.00
141	144	3	2.7	90.00
144	147	3	1.6	53.33
147	150	3	2.6	86.67
150	153	3	1.9	63.33
153	156	3	2.55	85.00
156	159	3	2.3	76.67
159	162	3	2.1	70.00
162	165	3	2.4	80.00
165	168	3	2.8	93.33
168	171	3	2.7	90.00
171	174	3	3	100.00
174	177	3	2.6	86.67
177	180	3	2.6	86.67
180	183	3	2.1	70.00
183	186	3	2.3	76.67
186	189	3	2	66.67
189	192	3	2.8	93.33
192	195	3	2.7	90.00
195	198	3	2.5	83.33
198	201	3	2.6	86.67

Box Lengths			Surimeau - Spring 2021			HOLE NO:SUR-21-10			PAGE: 5	
DDH	Box Number	From m	To m	Box Length	DDH	Box Number	From m	To m	Box Length	
SUR-21-10	1	3.3	7.55	4.25						
SUR-21-10	2	7.55	11.65	4.1						
SUR-21-10	3	11.65	16.05	4.4						
SUR-21-10	4	16.05	20.4	4.35						
SUR-21-10	5	20.4	24.5	4.1						
SUR-21-10	6	24.5	28.65	4.15						
SUR-21-10	7	28.65	32.8	4.15						
SUR-21-10	8	32.8	37.15	4.35						
SUR-21-10	9	37.15	41.2	4.05						
SUR-21-10	10	41.2	45.2	4						
SUR-21-10	11	45.2	49.5	4.3						
SUR-21-10	12	49.5	53.65	4.15						
SUR-21-10	13	53.65	57.6	3.95						
SUR-21-10	14	57.6	62	4.4						
SUR-21-10	15	62	66.25	4.25						
SUR-21-10	16	66.25	70.5	4.25						
SUR-21-10	17	70.5	74.8	4.3						
SUR-21-10	18	74.8	78.45	3.65						
SUR-21-10	19	78.45	83.3	4.85						
SUR-21-10	20	83.3	87.5	4.2						
SUR-21-10	21	87.5	91.85	4.35						
SUR-21-10	22	91.85	96.15	4.3						
SUR-21-10	23	96.15	100.3	4.15						
SUR-21-10	24	100.3	104.75	4.45						
SUR-21-10	25	104.75	109	4.25						
SUR-21-10	26	109	113.4	4.4						
SUR-21-10	27	113.4	117.85	4.45						
SUR-21-10	28	117.85	122.2	4.35						
SUR-21-10	29	122.2	126.35	4.15						
SUR-21-10	30	126.35	130.45	4.1						
SUR-21-10	31	130.45	135	4.55						
SUR-21-10	32	135	139.25	4.25						

SUR-21-10	33	139.25	143.5	4.25	
SUR-21-10	34	143.5	147.75	4.25	
SUR-21-10	35	147.75	151.85	4.1	
SUR-21-10	36	151.85	156.25	4.4	
SUR-21-10	37	156.25	160.45	4.2	
SUR-21-10	38	160.45	164.7	4.25	
SUR-21-10	39	164.7	169.1	4.4	
SUR-21-10	40	169.1	173.5	4.4	
SUR-21-10	41	173.5	177.8	4.3	
SUR-21-10	42	177.8	182.1	4.3	
SUR-21-10	43	182.1	186.3	4.2	
SUR-21-10	44	186.3	190.55	4.25	
SUR-21-10	45	190.55	194.2	3.65	
SUR-21-10	46	194.2	199.25	5.05	blocky
SUR-21-10	47	199.25	201	1.75	

Minroc Management

Project:		Surimeau - Spring 2021
Hole Number:		**SUR-21-11**
Units of Measurement:		Metres
Location	**NTS Sheet:**	
	Township:	
	Claim No:	
	Grid:	
	Easting:	
	Northing:	
	Elevation:	377
GPS Co-ordinates:	**Zone:**	17U
(if applicable)	**Datum:**	NAD83
	Easting:	697802
	Northing:	5328245
Collar Dip:		-45
Collar Azimuth:		180
Hole Length:		216
Core Size:		NQ
Recovery (%)		0.00
Logged By:		Martin Dermers
Date:	**Start:**	05-Apr-21
	Finish:	06-Apr-21
Drilled by:		SMP Drilling
Date:	**Start:**	04-Apr-21
	Finish:	05-Apr-21

	INCLINATION TESTS			
	DEPTH	**DIP**	**AZIMUTH**	(RAW)
Mag	**COLLAR**	-45.0	180.0	
55894	18	-44.93	181.53	193.53
55332	69	-44.99	180.12	192.12
55221	120	-44.89	181.39	193.39
55241	171	-43.62	181.28	193.28

Comments
Same section as PROP12. Covers southern half of volcanic/ultramafic belt in poorly explored area
QA/QC info
Blank 1: Appalache Valley Pierre Decorative Stone
Standard-1: GEOSTATS GMB300-10C email : pjh@geostats.com.au

Minroc Management

FROM	TO	LITHO	Desc	Angle TCA
0	**4**	**OB**	**Overburden**	
4	**24**	**V4**	**Dark green, fine to medium grain. Secondary pyroxene in the foliation. Ultramafic flow in cracks and breccia from 4 to 11.7m, massive, nearly cumulate phase down to 11.7m.**	**70**
Structure				
10	11.45	BLOCKY, FAULT	Core fragments following existing fractures. Striated planed indicating a fault activity. Tectonic breccia from 10 to 10.2m.	
18.1	18.2	BLOCKY	Broken core with fault mud	
Alteration				
17.25	20.4	AM,CHL	Green, amphibole replacement mixed with chlorite.	
20.4	21	DI,TR	Green, coarsely crystallized clusters composed of Cr diopside and tremolite with minor interstitial calcite. Unoriented by deformation. Surrounded by biotite.	
21	23.4	SI	Grey to beige, fine grain, silica rich assemblage with mafic silicates remnants and sulfides. Laminated to massive structure alternating with calcite stringer zones. Stronger silicification from 21.2 to 21.7m, 23.6 to 24.2m.	
23.4	24	CC,AM	Grey to, green, laminated, interlayered green amphibole, calcite and silica rich bands.	
Mineralisation				
21	23.4	PO,SP	Trace to 15% pyrrhotite in parallel laminations and centimetric flames, up to 5% sphalerite finely disseminated to coarsely crystallized millimetric clots. Local concentration of chalcopyrite in stringer. Sulfides abundance corresponding to higher silica intensity. XRF, 21.4m: Ni0.3%, Zn1%, Cu0.5%	
23.4	24	PY,SP	10% pyrite, granoblastic ribbons up to 1cm, alternating with concordant calcite stringer (0.2 to 2cm) showing dissolution. Sphalerite, less than 1%, concentrated in millimetric stringer parallel to the main fabric. Chalcopyrite, trace, short stringer cross cutting structures.	
24	**40.4**	**QFP**	**Dark blue, porphyric quartz-feldspathic intrusion. Composition dominated by 50% plagioclase phenocrysts with hornblende in the matrix. Massive, any sign of deformation. Sharp upper contact, ultramafic enclaves close to the lower contact (39.6 to 39.8m). 7-10% cherty quartz veins (0.2 to 2cm) in a conjugated pattern. Local K feldspar pervasive alteration developed around tremolite bearing fractures, mainly from 35 to 37m. No sulfide associated.**	

40.4	**81.55**	**V4**	**Grey to bluish, massive to foliated, background composition corresponding to fine grain pale amphibole. 10% centimetric round and partly resorbed xenocrysts as centimetric dark clusters starting at 54m, composed of pyroxene and magnetite in a fine to medium grain komatiite flows marked by repeated breccia intervals from 40.4 to 54m. Irregular injection of coarser pyroxenite controlled by fractures from 46.2 to 46.8m. Laminated lower contact from 80.5m to 81.55m with assimilation of sedimentary material. Variable altered in tremolite associated with minor dolomite, sharply increasing from 64.4 down to 81.55m.**	
Structure				
64.4	67.5	CARB	25% calcite in veins and irregular stringer zone. Dominant concordant orientation.	
73.85	74.15	CARB	20% calcite in veins and irregular stringer zone. Dominant concordant orientation. Corresponding to a biotite enrichment in host rock.	
80.5	81.5	RU	Tectonic layering, alternating bands of ultramafic and sediments	80
Alteration				
64.4	79.5	TR,BT,CC	Dark green, fine grain pervasive partial replacement of the ultramafic texture by tremolite. Associated with biotite, also pervasive and mostly concentrated around calcite veins. Decreasing level from 74 to 78m, after steady increasing down to the end of unit.	
79.5	81.4	BT,TR,CC	Black-brown to greenish, massive fine grain texture close to upper contact to granoblastic layered texture composed of biotite, tremolite, calcite toward the end of unit.	
81.4	81.55	SI	Grey to beige, fine grain, silica rich assemblage with mafic silicates remnants and sulfides. Sharp contacts.	
Mineralisation				
72.7	79	PO	1%, PO, 1mm and less, finely disseminated in a tremolite matrix, locally concentrated in clusters when hosted in biotite.	
80.5	81.55	PO	Trace to 1% PO, disseminated in the layering.	
81.55	**81.8**	**S6gp**	**Pitch black graphitic mudstone, finely layered and stretched. Sharp upper and lower contacts.**	**80**
Mineralisation				
81.55	81.8	PO	10%, PO, disseminated and concentrated in 3-8mm lenses. XRF, 81.6m: Ni0.2%, Zn1.7%.	
81.8	**163.3**	**S3**	**Pontiac Group fine grain sediments. Quartz-biotite composition with 10% 2-6mm Al silicates porphyroblasts from 88 to 94.5m. Finely bedded, graphitic mudstone layer from 94.95 to 95.15m. Weak biotite and tremolite overprint from 94.5m to around 108m, controlled by discreet fracturing. 5% quartz veins 1-20mm, concordant to the main fabric.**	**70**
Structure				

84.1	85.3	PEG	Greyish irregular plagioclase veins (1-3cm) cross cutting fabric, about 20% of unit. Locally associated with tremolite replacement.	
87	88.5	BLOCKY	Fractured core created by open fractures at low core angle.	
130	133.3	I3	Green, coarsely crystallized gabbro: 3-4mm hornblende, pyroxene in a plagioclase matrix. Orthocumulate texture relic, undeformed. Sharp upper contact, sheared an altered lower contact. Pervasive tremolite biotite alteration in replacement of the magmatic mineralogy. Massive tremolite and associated with the lower biotized contact from 72.9m to the end of unit.	
152.4	154.45	PLAG	Layered brecciated plagioclase vein. Fine to medium grain, multi-phased sugary texture plagioclase with disseminated biotite and minor quartz clusters. Partial assimilation of host rock fragments. Satellite quartz vein from	80
160.4	162	BLOCKY	Broken core along foliation planes.	80
Alteration				
81.8	87	BT	Dark brown, fine grain, foliated and stretched. Strong association with tremolite from 81.8 to 82.2m.	
115.4	115.8	TR,BO	Green, finely laminated quartz, plagioclase biotite-tremolite. Sharp concordant contacts.	80
145.8	148.6	PLAG,TR	Pale green, weak and pervasive plagioclase-tremolite replacement, fractures controlled. Disseminated pyrite from 148.4 to 148.5m.	
Mineralisation				
81.8	87	PO	2%, PO (average), 1mm grains elongated following the foliation. Decreasing from top to bottom.	
94.95	95.15	PO	5%, PO, irregular 1-3mm veinlets cementing a quartz breccia.	
152.4	154.5	PO,PY	Tr to 1%, PO,PY, 1-2mm, disseminated through the unit.	
160	160.3	PY	Tr to 1%, PY, 1mm disseminated grain in a quartz rich matrix.	
162	162.4	PY	Tr to 1%, PY, 1mm, disseminated grains close to quartz concordant veins.	
163.3	**200.1**	**QFP**	**Dark blue, porphyric quartz-feldspathic intrusion. Composition dominated by 40% plagioclase and 10% K feldspar phenocrysts (2-4mm) with hornblende in the feldspar-quartz matrix. Irregular upper contact, sediments enclaves from 166.2 to 166.35m, 171.8m to 172.3m, 196.05m to 197.25m mostly amphibolized. Weak constant foliation. Rare mafic or ultramafic dykes, decimetric, granular to micro-porphyric texture. Concordant to main fabric.**	
Structure				
169.85	172.55	QV	Grey, coarsely crystallized quartz.	
180	182.7	FRAC, BLOCKY	Fractures stockwork with a preferred low angle from core axis. Locally filled by marcasite or pyrite.	

183.6	186.2	QV, FRAC	Grey to white , coarsely crystallized, quartz veins from 0.05 to 0.4m, 50 cut between 40 and 50 degrees of core axis. Larger vein with fracture controlled lower contact from 185.8 to 186.2m. Associated with weak and narrow hematization halos associated with weak fracturing. Local pyrite and pyrrhotite, 1mm grain at contact with veins and on fractures planes.	
186.2	186.5	FRAC, BLOCKY	Fractures stockwork with a preferred low angle from core axis. Locally filled by marcasite or pyrite.	0
193.1	193.2	I4 (I4P)	Dark green, 2-3mm, pyroxene, micro-porphyric. Associated with pyrrhotite in host rock over a few centimetres.	
199.05	200.1	QV	Grey to white quartz pluri-centimetric veins, irregular pattern, 40% of interval. Partial silicification and albitization of host rock.	
Alteration				
196.05	197.25	SI,TR,DP	Black to green, fine grain silicification with biotite of the groundmass, coarse tremolite+diopside+grossular associated to plagioclase-quartz centimetric veins between 196.6 and 196.9m.	
Mineralisation				
196.05	196.1	PO	1% average, PO, less than to 1mm, disseminated.	
199.05	200.1	PO	1% on average, PO, 1mm, disseminated in qfp.	
200.1	**216**	**S3**	**Pontiac Group fine grain sediments. Quartz-biotite composition . 5% quartz veins 1-20mm, concordant to the main fabric. Concordant dark qfp dykes from 3 to 15cm between 208.5 and 212m. Pyrrhotite, rare, less than 1mm grain elongated in the biotite matrix.**	**80**
Structure				
208.5	212	QFP	Grey, coarsely crystallized quartz.	

SAMPLES			Surimeau - Spring 2021		HOLE NO:SUR-21-11					PAGE: 4	
Sample	From m	To m	Length	DESCRIPTION	Au g/t						
46644	4	5	1.00	V4							
46645				Coarse Reject of previous sample							
46646	5	6	1.00	V4							
46647	6	7.5	1.50	V4							
46648	7.5	9	1.50	V4							
46649	9	10.5	1.50	V4+blocky							
46650	10.5	12	1.50	V4+blocky							
46651	12	13.5	1.50	V4							
46652				Blank							
46653	13.5	15	1.50	V4							
46654	15	16.5	1.50	V4							
46655	16.5	18	1.50	V4+AM+CHL							
46656	18	19.5	1.50	V4+AM+CHL							
46657	19.5	21	1.50	V4+AM+BO							
46658	21	22	1.00	V4+SI+SP(3%)+PO+CP							
46659	22	23	1.00	V4+SI+PO+SP							
46660	23	24.05	1.05	V4+SI+AM+CC+PY+PO+SP+CP							
46661	24.05	25.55	1.50	qfp							
46662				Coarse Reject of previous sample							
46663	25.55	27	1.45	qfp							
46664	27	28.5	1.50	qfp							
46665				Quarter Cut of previous samples							
46666	28.5	30	1.50	qfp							
46667	30	31.5	1.50	qfp							
46668	31.5	33	1.50	qfp							
46669	33	34.5	1.50	qfp							
46670	34.5	36	1.50	qfp							
46671	36	37.5	1.50	qfp							
46672				Blank							
46673	37.5	39	1.50	qfp							
46674	39	40.4	1.40	qfp							
46675	40.4	41.4	1.00	qfp							
46676	41.4	42	0.60	V4+BO							
46677	42	43.5	1.50	V4+BO							
46678	43.5	45	1.50	V4+xeno							
46679	45	46.5	1.50	V4+xeno							
46680	46.5	48	1.50	V4+xeno							
46681	48	49.5	1.50	V4+xeno							

46682	49.5	51	1.50	V4+xeno
46683	51	52.5	1.50	V4+xeno
46684	52.5	54	1.50	V4+xeno
46685	54	55.5	1.50	V4+xeno
46686	55.5	57	1.50	V4+xeno
46687	57	58.5	1.50	V4+xeno
46688	58.5	60	1.50	V4+xeno
46689	60	61.5	1.50	V4+xeno
46690	61.5	63	1.50	V4+xeno
46691	63	64.5	1.50	V4+xeno+BO
46692	64.5			Quarter Cut of previous sample
46693	64.5	66	1.50	V4+BO+CC+breccia
46694	66	67.5	1.50	V4+BO+CC+breccia
46695				Coarse Reject of previous sample
46696	67.5	69	1.50	V4+BO+CC+breccia
46697	69	70.5	1.50	V4+BO+CC+breccia
46698	70.5	72	1.50	V4+BO+CC+breccia
46699	72	73.5	1.50	V4+BO+CC+breccia
46700	73.5	75	1.50	V4+BO+CC+breccia
46701	75	76	1.00	V4+PO(1-2%)
46702				Blank
46703	76	77	1.00	V4+PO(1-2%)
46704	77	78	1.00	V4+BO+PO
46705				Standard
46706	78	79	1.00	V4+BO+PO
46707	79	80.05	1.05	V4+BO
46708	80.05	81.55	1.50	V4+SI+BO+PY
46709	81.55	82.35	0.80	S6+GP+SP+PO+CP
46710	82.35	83	0.65	S6+PY
46711	83	84	1.00	SY+PY+BO
46712				Coarse Reject of previous sample
46713	84	85.3	1.30	S6+QZ+BO(veins)+PO
46714	85.3	87	1.70	S6
46715				Quarter Cut of previous samples
46716	87	88.5	1.50	S6+FR
46717	88.5	90	1.50	S6+FR
46718	90	91.5	1.50	S6+FR
46719	91.5	93	1.50	S6+FR
46720	93	94.5	1.50	S6+FR
46721	94.5	95.3	0.80	S6+GP+SP+PO+PY+QZ
46722				Blank
46723	95.3	96.7	1.40	S6

46724	107	108.5	1.50	S6
46725	108.5	110	1.50	S6+QZ-AB+str
46726	110	111.5	1.50	S6
46727	111.5	113	1.50	S6+vnQZ+GR
46728	113	114.5	1.50	S6
46729	114.5	115.4	0.90	S6
46730	115.4	115.8	0.40	S6
46731	115.8	117	1.20	S6
46732	125.1	126	0.90	S6+TR+BO
46733	126	127.5	1.50	S6
46734	127.5	129	1.50	S6
46735	129	130	1.00	S6
46736	130	131.5	1.50	I3+BO+AM
46737	131.5	132.5	1.00	I3+BO+AM
46738	132.5	133.5	1.00	I3+BO+AM
46739	133.5	135	1.50	S6
46740	135	136	1.00	S6+TR
46741	136	137.5	1.50	S6
46742				Quarter Cut of previous sample
46743	146.5	147	0.50	S6+TR
46744	147	148.5	1.50	S6+TR
46745				Coarse Reject of previous sample
46746	148.5	150	1.50	S6+TR
46747	150	151.5	1.50	S6+vnQZ
46748	151.5	152.4	0.90	S6
46749	152.4	153.4	1.00	vnPL+PY
46750	153.4	154.4	1.00	vnPL+PY
46751	154.4	155.4	1.00	S6
46752				Blank
46753	155.4	156	0.60	S6
46754	156	157.5	1.50	S6+qv
46755	157.5	159	1.50	S6+qv
46756	159	160.5	1.50	S6+BLOCKY
46757	160.5	162	1.50	S6
46758	162	163.3	1.30	S6
46759	163.3	164	0.70	qfp+PY
46760	164	165	1.00	qfp+PY
46761	165	166.5	1.50	qfp+PY+vnQZ
46762				Coarse Reject of previous sample
46763	166.5	168	1.50	qfp
46764	168	169.5	1.50	qfp
46765				Quarter Cut of previous samples

46766	169.5	171	1.50	qfp
46767	171	172.5	1.50	qfp, S6
46768	172.5	174	1.50	qfp
46769	174	175.5	1.50	qfp
46770	175.5	177	1.50	qfp
46771	177	178.5	1.50	qfp
46772				Blank
46773	178.5	180	1.50	qfp
46774	180	181.5	1.50	qfp+fr+QZ
46775	181.5	183	1.50	qfp+fr+QZ
46776	183	184.1	1.10	qfp+fr+QZ+PY
46777	184.1	185.1	1.00	qfp+S6+QZ+fr
46778	185.1	186.2	1.10	qfp+QZ30%+fr+PY
46779	186.2	186.7	0.50	qfp+fr+PY
46780	186.7	187.7	1.00	qfp
46781	187.7	189	1.30	qfp+fr
46782	189	190.5	1.50	qfp
46783	190.5	192	1.50	qfp
46784	192	193	1.00	qfp
46785	193	193.5	0.50	qfp+I4+PO
46786	193.5	195	1.50	qfp
46787	195	196.05	1.05	qfp+QZ+PY
46788	196.05	197.25	1.20	S6+SI+TR+DI+PO1%
46789	197.25	198.25	1.00	qfp+QZ
46790	198.25	199.15	0.90	qfp+I4+PO
46791	199.15	200.2	1.05	qfp+QZ+PO
46792				Quarter Cut of previous sample
46793	200.2	201.4	1.20	S6
46794	208.5	210	1.50	S6+qfp+BO
46795				Coarse Reject of previous sample
46796	210	211.5	1.50	S6
46797	211.5	213	1.50	S6,qfp
46798	213	214.5	1.50	S6,qfp
46799	214.5	216	1.50	S6

RQD			Surimeau - Spring 2021		HOLE NO:SUR-21-11		PAGE: 3						
FROM	TO	Length Core Run	Σ pieces >10cm	RQD %									
4	6	2	1.2	60.00									
6	9	3	1.5	50.00									
9	12	3	1.3	43.33									
12	15	3	2.35	78.33									
15	18	3	2.7	90.00									
18	21	3	2.5	83.33									
21	24	3	2.35	78.33									
24	27	3	2.9	96.67									
27	30	3	2.9	96.67									
30	33	3	2.1	70.00									
33	36	3	2.5	83.33									
36	39	3	2.5	83.33									
39	42	3	3	100.00									
42	45	3	2.9	96.67									
45	48	3	2.9	96.67									
48	51	3	3	100.00									
51	54	3	2.75	91.67									
54	57	3	2.45	81.67									
57	60	3	3	100.00									
60	63	3	3	100.00									
63	66	3	3	100.00									
66	69	3	2.7	90.00									
69	72	3	3	100.00									
72	75	3	1.9	63.33									
75	78	3	2.9	96.67									
78	81	3	2.7	90.00									
81	84	3	1.95	65.00									
84	87	3	1.9	63.33									
87	90	3	2.5	83.33									
90	93	3	1	33.33									
93	96	3	2.55	85.00									
96	99	3	2.4	80.00									
99	102	3	2.7	90.00									

102	105	3	2.85	95.00	
105	108	3	2.65	88.33	
108	111	3	2.6	86.67	0.3
111	114	3	2.9	96.67	
114	117	3	2.8	93.33	
117	120	3	2.2	73.33	
120	123	3	2.7	90.00	
123	126	3	2.7	90.00	
126	129	3	2.8	93.33	
129	132	3	3	100.00	
132	135	3	2.5	83.33	
135	138	3	2.6	86.67	
138	141	3	2.45	81.67	
141	144	3	2.2	73.33	
144	147	3	2.35	78.33	
147	150	3	2.5	83.33	
150	153	3	2.6	86.67	
153	156	3	2.65	88.33	
156	159	3	2.5	83.33	
159	162	3	2.6	86.67	
162	165	3	2.75	91.67	
165	168	3	3	100.00	
168	171	3	3	100.00	
171	174	3	3	100.00	
174	177	3	3	100.00	
177	180	3	2.1	70.00	
180	183	3	2	66.67	
183	186	3	1.6	53.33	
186	189	3	2.5	83.33	
189	192	3	2.9	96.67	
192	195	3	2.9	96.67	
195	198	3	2	66.67	
198	201	3	2.75	91.67	
201	204	3	2.35	78.33	
204	207	3	1.8	60.00	
207	210	3	1.8	60.00	
210	213	3	2.1	70.00	
213	216	3	2.8	93.33	
EOH					

Box Lengths			Surimeau - Spring 2021			HOLE NO:SUR-21-11			PAGE: 5	
DDH	Box Number	From m	To m	Box Length	DDH	Box Number	From m	To m	Box Length		
SUR-21-11	1	4	7.8	3.8							
SUR-21-11	2	7.8	11.9	4.1							
SUR-21-11	3	11.9	16.2	4.3							
SUR-21-11	4	16.2	20.5	4.3							
SUR-21-11	5	20.5	24.6	4.1							
SUR-21-11	6	24.6	28.85	4.25							
SUR-21-11	7	28.85	33.15	4.3							
SUR-21-11	8	33.15	37.5	4.35							
SUR-21-11	9	37.5	41.8	4.3							
SUR-21-11	10	41.8	46.05	4.25							
SUR-21-11	11	46.05	50.2	4.15							
SUR-21-11	12	50.2	54.45	4.25							
SUR-21-11	13	54.45	58.8	4.35							
SUR-21-11	14	58.8	63	4.2							
SUR-21-11	15	63	67.5	4.5							
SUR-21-11	16	67.5	71.6	4.1							
SUR-21-11	17	71.6	76.2	4.6							
SUR-21-11	18	76.2	80.3	4.1							
SUR-21-11	19	80.3	84.5	4.2							
SUR-21-11	20	84.5	88.45	3.95							
SUR-21-11	21	88.45	92.4	3.95							
SUR-21-11	22	92.4	96.7	4.3							
SUR-21-11	23	96.7	101.1	4.4							
SUR-21-11	24	101.1	105.3	4.2							
SUR-21-11	25	105.3	109.55	4.25							
SUR-21-11	26	109.55	114	4.45							
SUR-21-11	27	114	118.55	4.55							
SUR-21-11	28	118.55	122.7	4.15							
SUR-21-11	29	122.7	127.15	4.45							
SUR-21-11	30	127.15	131.3	4.15							
SUR-21-11	31	131.3	135.55	4.25							
SUR-21-11	32	135.55	140	4.45							

SUR-21-11	33	140	144.3	4.3
SUR-21-11	34	144.3	148.6	4.3
SUR-21-11	35	148.6	153	4.4
SUR-21-11	36	153	157.25	4.25
SUR-21-11	37	157.25	161.5	4.25
SUR-21-11	38	161.5	165.7	4.2
SUR-21-11	39	165.7	170	4.3
SUR-21-11	40	170	174.25	4.25
SUR-21-11	41	174.25	178.6	4.35
SUR-21-11	42	178.6	182.7	4.1
SUR-21-11	43	182.7	186.7	4
SUR-21-11	44	186.7	190.85	4.15
SUR-21-11	45	190.85	195.2	4.35
SUR-21-11	46	195.2	199.15	3.95
SUR-21-11	47	199.15	203.4	4.25
SUR-21-11	48	203.4	207.75	4.35
SUR-21-11	49	207.75	212	4.25
SUR-21-11	50	212	216	4
EOH				

Minroc Management

Project:		Surimeau - Spring 2021
Hole Number:		**SUR-21-12**
Units of Measurement:		Metres
Location	**NTS Sheet:**	
	Township:	
	Claim No:	
	Grid:	
	Easting:	
	Northing:	
	Elevation:	373
GPS Co-ordinates:	**Zone:**	17U
(if applicable)	**Datum:**	NAD83
	Easting:	698005
	Northing:	5328256
Collar Dip:		-45
Collar Azimuth:		180
Hole Length:		201
Core Size:		NQ
Recovery (%)		0.00
Logged By:		Martin Dermers
Date:	**Start:**	06-Apr-21
	Finish:	08-Apr-21
Drilled by:		SMP Drilling
Date:	**Start:**	05-Apr-21
	Finish:	06-Apr-21

	INCLINATION TESTS			
	DEPTH	**DIP**	**AZIMUTH**	(RAW)
Mag	**COLLAR**	-45.0	180.0	
56945	18	-45.39	184.14	196.14
55219	120	-43.21	184.84	196.84
55229	171	-40.8	185.48	197.48

Comments
Same section as PROP10. Covers southern half of volcanic/ultramafic belt. Undercut SUR-20-002 and review mineralization in that hole (0.13% Ni over 20.5m)
QA/QC info
Blank 1: Appalache Valley Pierre Decorative Stone
Standard-1: GEOSTATS GMB300-10C email : pjh@geostats.com.au

Minroc Management

FROM	TO	LITHO	Desc	Angle TCA
0	**4**	**OB**	**Overburden**	
4	**15**	**V4**	**Dark grey, blueish, fine grain ultramafic volcanic with carbonatized amygdules concentrations. Massive and veined structure. Massive to foliated through the unit. Weak carbonatization concentrated in irregular veins. Tremolite and biotite replacement increasing with the intensity of foliation.**	
Structure				
6.5	12.6	FOL, BLOCKY	Well developed foliation. Varied fracturing events related to weathering.	50
12.6	14.7	GRND	Ductile tectonic fabric with brecciation and dislocation of tremolite rich lenses.	40
Alteration				
6.5	9.2	TR,BT	Blue green to brown, well foliated and veined. Biotite in nearly complete replacement of ultramafic. Veined with tremolite controlled by flow breccia relics and volcanic textures.	
11.4	14.7	TR,BT	Green to brown, well foliated and layered. Foliated massive biotite from 11.5 to 12.6m, surrounded by layered tremolite-plagioclase lenses. Plagioclase forming a stringer of irregular and deformed centimetric veins.	
14.7	15	DI, CALC-SI	Emerald green, coarsely crystallized diopside aggregate. Reaction front with biotite.	
Mineralisation				
14	15	PO	Trace, PO, less than 1mm to 2mm clusters, unheavenly disseminated, interstitial to biotite.	
15	**54.6**	**S3, S6gp**	**Dark grey to black, fine to medium grain partly recrystallized siltstone to sandstone, all graphite bearing showing preserved grading and bedding at the 0.3 to 1m scale. Local graphitic mudstone soft clast in sandstone. Main graphitic and pyrite bearing layers from 32.8 to 38.5m, and from 43.2 to 45.4m. Regular bedding orientation. Feldspar-mica assemblage with more minor quartz, mostly visible in sandstone. 2-3% fine disseminated pyrite background.**	**60**
Structure				
33.5	37.25	BLOCKY,I4P	Open fractures creating at low core axis angle creating blockiness. Regular injection of lamprophyre dykes, 1 to 3cm controlled by the fractures pattern.	
41.5	42	CNR	Lost core.	
43.2	44.4	BLOCKY	Open fractures creating al low core axis angle blockiness in the graphite rich host rock.	

50.4	50.7	I4P	Dark green, granular texture, fine grain, amphibole composition. Finer texture toward margins. Discordant from the general fabric.	45
Alteration				
21.2	27	PLAG,TR,SI	Grey to greenish, sugary fine grain texture, quartz, plagioclase and tremolite. Limited by a coarser reactive sandstone or wacke.	
38.5	54.6	PLAG,TR,SI	Grey to greenish, sugary fine grain texture. Massive to vaguely layered overprinting the sedimentary bedding structure. Quartz-plagioclase-cordierite (visible from 38.5 to 40m) assemblage. Overprint by tremolite halo hosting disseminated pyrite or pyrrhotite. Calcite in stringers appearing at 48.45m. Graphitic mudstone layers also altered from 43.2 to 45.4m and from 40.9 to 50.4m.	
Mineralisation				
15	15.3	PY	10%, PY, porous coarse (3-5mm) [phase) forming centimetric clusters, surrounded by graphite.	
16.7	17.5	PO,SP	5-10%, PO, millimetric stringers surrounded by irregular quartz breccia. Sphalerite millimetric grains in quartz. XRF,17m: Ni0.05%, Zn0.3%, Cu0.3%.	
18	18.3	PO,SP	15%, PO, 2-3mm concordant ribbons with interstitial sphalerite and quartz in a graphite rich layer.	
18.3	19	PO,SP,CP	3%, PO, 1%,SP, CP, trace, rare 2-5mm stringers with quartz in sandstone. XRF,18.5m: Zn6%, Cu0.35%	
20.8	27	PO,SP,CP	10%, PO, 5%,SP, CP, trace. Regular dissemination and stringers 2-5mm. Vague fabric in quartz-feldspar matrix. Molybdenum trace, in fractures. XRF, 21.4m: Zn2.16%, Cu0.15%. XRF, 25.8m: Cu0.05%, Co0.2%, As0.05%. XRF, 26.5m,: Ni0.2%, Zn0.15%, Cu0.5%, Mo0.03%.	
27	28.95	PO,SP,CP,PY	7%, PO, centimetric cluster, common replacement of pyrite nodule, CP, trace, 2-4mm remobilisation flames, SP, trace, 2-3mm grains in contact with pyrrhotite. 1% retrograde pyrite. Layered irregular structure in graphitic mudstone. XRF, 28.5m: Zn0.8%, Cu5%.	
28.95	32.7	PY,PO,SP	2%,PY, 1mm, disseminated and rare centimetric nodules. PO, trace, rare millimetric stringers with graphite and quartz. Sandstone hosted.	
32.7	33.1	PO,PY,SP	8%, PO, 2%,PY, 2%,SP, Discordant stringers, up to 1cm with quartz, hosted in a graphitic layer. Magnetite in quartz veinlets. XRF, 33.1m: Zn2.6%, Cu1.15%, Co0.17%.	
33.45	38.4	PY	15%, PY, sedimentary nodules from 1 to 5cm, slightly brecciated by quartz, local late geodic crystallization (marcasite). XRF, 33.9m: Ni0.05%, Zn0.3%, Cu0.2%, As0.06%.	
38.4	43.2	PY,PO,SP	1%, PO, 1%,PY, SP, trace, disseminated clusters and stringers (2-30mm), all phases associated in the same texture. XRF, 39.6m: Ni0.16%, ZN2%, Cu0.06%, As0.05%.	

43.2	45.4	PY,PO,SP, MAR	15%, PY, 5%, PO. Primary colloform to radially crystallized pyrite nodules, pyrite granular stringers. Pyrrhotite, finely disseminated and replacement of pyrite nodules. Marcasite in a late low core axis angle stockwork. Sphalerite grains (1mm) in contact with pyrrhotite. XRF, 41.4m: Zn2,4%, Cu0.2%, Co0.06%.	
48	50.4	PO,SP	20%, PO, replacement texture of primary pyrite nodules, layered fine dissemination. Sphalerite in stockwork. XRF, 48.7m: Ni0.04%, Zn3.5%, Cu0.1%. XRF, 49.5m: Ni0.04%, Zn4.07%, Cu0.1%.	
51	54	PO,SP,PY	PO,3%, 1-4mm, disseminated. SP, 3-5%, very fine impregnation in the groundmass. XRF, 52.5m: Zn0.3%, Cu0.3%, Co0.02%. XRF, 52.7m: 0.15Mo., XRF, 15.4m, Zn2.7%	
54.6	**69.6**	**V4**	**Dark green, fine grain amphibole with plagioclase. Massive granular volcanic structure locally veined by precursor serpentinization. Mixed upper contact with hanging wall sediments over 0.5m. Strongly altered lower contact from 65 to 69.6m. Vaguely foliated. Hosting 1-2% fine disseminated pyrrhotite.**	
Structure				
54.6	55.6	BX	Concordant breccia and veins following a CS pattern.	
65.4	65.7	CARB	20%, grey calcite stringer, mostly concordant.	
Alteration				
54.6	55.6	BT,PX	Brown to greenish. Foliated biotite replacement interlayered with green finely crystallized pyroxene (jadeite?) forming an oriented brecciated texture.	40
65	67.7	BT,TR	Brown to dark green, layered and foliated. Aphanitic plagioclase rich ground mass associated with varied fraction of tremolite. Finely crystallized biotite overprint. 5% plagioclase concordant veins 3-5mm. Including a Cr rich garnet or diopside interval from 66.45 to 66.6m. PO, trace, disseminated from 66.6 to 67m.	50
67.7	69.6	PL,DI	Green to brown, aphanitic to millimetric massive to layered texture in replacement of the ultramafic precursor. Alternating plagioclase rich replacement with coarser Cr diopside (Cr grossular)-calcite or dolomite assemblage over vein like structure over 0.2 to 0.4m. Infiltrating locally by calcite stringers. Sulfidation along contacts.	
Mineralisation				
54.6	55.6	PO	3%, PO, irregularity disseminated in a biotite rich matrix.	
67.7	69.6	PO,CP	5%,PO, disseminated. CP, trace, but locally enriched close to calcite stringer at 69.1m.	
69.6	**201**	**S3**	**Green to brownish, fine granoblastic texture marked by 10% 2-5 mm micaceous cordierite porphyroblasts concentrated in decimentric layers down to 88m, decreasing down to 5% down hole. Otherwise biotite-quartz-staurolite-garnet composition. Layered structure becoming bedded below 88m. Strongly affected by alteration from 69.6m to 91m. 5% centimetric smoky quartz veins, concordant to the fabric.**	

Structure				
71.8	72.2	QFP	Dark blue, porphyritic texture, 20% plagioclase phenocrysts relics (2-3mm) in a quartz-plagioclase aphanitic matrix. Concordant to foliation.	65
75	75.2	QFP	Dark blue, porphyritic texture, 20% plagioclase phenocrysts relics (2-3mm) in a quartz-plagioclase aphanitic matrix. Concordant to foliation. Satellite centimetric dykes at 75.9m and 76.65m.	80
75.7	78	CNR	Lost core wit graphite bearing Mg chlorite mud.	
84.45	84.6	QV	Grey quartz, coarsely crystallized. Concordant with tectonic lamination at contact.	
88.3	89.4	M,QZbr,KF,CRD	Mica rich schist with down dip crenulation. Tectonic breccia interval from 88.8m to 89.2m, irregular fracturing injected by coarse quartz and orange Kfeldspar. Associated with cordierite lenses. Pyrrhotite trace, 1-2mm grains in fractures.	
90.3	90.6	QV	Grey quartz, coarsely crystallized. Irregular vague contacts. Biotite and pyrrhotite in discreet fractures.	30
135.1	135.2	QV	white quartz, coarsely crystallized. Irregular vague contacts. Pyrrhotite, 3mm in discreet fractures.	65
152	152.85	I3	Dark green, fine green foliated. Actinolite composition. Concordant to the main fabric.	75
155.15	155.25	I3	Dark green, fine green foliated. Actinolite composition. Concordant to the main fabric.	
163.3	163.45	QV	Grey quartz-K feldspar pegmatitic vein, micro-fractured with 10% tremolite. Concordant. PO, trace.	85
173	173.7	QFP	Dark grey, phaneritic granoblastic, dykes 1 to 15cm, concordant representing 15% of the unit. Plagioclase-biotite composition. Cross cut by stockwork with tremolite halo.	85
179.4	179.6	QV	Grey quartz pegmatitic vein, micro-fractured with 10% tremolite-K feldspar. Concordant. PO, trace, up to 3mm grains. Tremolite in host rock. Satellite centimetric veins from 179.6 to 182.5m.	
188.3	189.1	QFP	Dark grey, phyric granoblastic segmented dyke, concordant. Plagioclase-biotite composition.	80
192.3	192.5	QFP	Dark grey, phyric granoblastic, foliated but discordant. Plagioclase-biotite composition overprinted by tremolite.	
194.85	198	QV, QFP, STR	Dark grey qfp granoblastic dykes swarm with main intervals from 194.85m to 195.1m, 195.7 to 195.95m.In contact or cross cut by quartz veins with tremolite-K feldspar in fractures. Weak biotite-tremolite host alteration overprinting contacts. PY, PO, trace, disseminated grains, generally less than 1mm. Cross cut by hairline quartz stringers.	
Alteration				
69.6	73.5	TR,PL,BT	Dark green to grey, fine grain foliated tremolite-biotite assemblage in plagioclase matrix. Creating a complete obliteration of sedimentary primary structures.	
73.5	76.65	PL,SR,BT	Grey to pale yellow or green, fine grain, layered and foliated with composition variations between biotite rich and muscovite rich bands.	

76.65	87.3m	TR,BT	Pale green, pervasive tremolite alternating with strong secondary biotite overprinting sedimentary structures.
87.3	90.2	ANT,CHL	Pale green, micaceous, foliated magnesian chlorite with randomly oriented anthophyllite.
144	146	PL	Pale green, occasional replacement by tremolite following a discreet stockwork pattern. Alt. representing 10% of unit. Rare pyrite and pyrrhotite.
152	153	PL	Grey, pervasive plagioclase replacement enhancing the primary clastic texture.
186.45	186	AM	Dark green, finely layered amphibole. Gradual concordant contact with plagioclase. PO, trace to 1%.
Mineralisation			
71.8	72.2	PO,SP	3%, PO, stringer (up to 1cm) and disseminated grains with sphalerite. Associated with secondary plagioclase, tremolite and sericite. Flake of molybdenite at 72m.
74	76.5	PY,SP,PO	1%, PY, 1%, PO, SP, trace. Millimetric grains and concordant lenses up to 1cm. Retrograde pyrite over pyrrhotite. Sphalerite in contact with other sulfides.
194.85	198	PY,PO	PY,PO, trace, less than 1mm to 2mm. Dissemination straddling qfp contacts over about 0.3m intervals.

SAMPLES			#REF!			#REF!		PAGE: 4				
Sample	From m	To m	Length	DESCRIPTION	Au g/t							
46800	3.9	5	1.10	v4								
46801	5	6	1.00	V4+BO								
46802				Blank								
46803	6	7.5	1.50	V4+BO								
46804	7.5	9	1.50	V4								
46805	9	10.4	1.40	V4								
46806	10.4	11.4	1.00	V4								
46807	11.4	12.2	0.80	V4+BO+str								
46808	12.2	13.2	1.00	V4+BO								
46809	13.2	14.2	1.00	V4+SI+BO+TR								
46810	14.2	15	0.80	V4+SI+BO+TR								
46811	15	16.5	1.50	V4+SI+BO+TR+PO+PY+SP								
46812				Coarse Reject of previous sample								
46813	16.5	17.5	1.00	V4+SI+BO+TR+PO+PY+SP+QZ(16,7-16.85)								
46814	17.5	19	1.50	S6+PO+CP+SP								
46815				Quarter Cut of previous samples								
46816	19	20.5	1.50	S6+PO+PY								
46817	20.5	21.2	0.70	S6+PO+PY								
46818	21.2	22	0.80	S6+str+PO+SP+PY+PO								
46819	22	23	1.00	S6+str+PO+SP+PY+PO								
46820	23	24	1.00	S6+str+PO+SP+PY+PO								
46821	24	25	1.00	S6+str+PO+SP+PY+PO								
46822				Blank								
46823	25	26	1.00	S6+str+PO+SP+PY+PO								
46824	26	27	1.00	S6+str+PO+SP+PY+PO+MO								
46825	27	28	1.00	S6+str+PO+SP+PY+PO+QZ								
46826	28	28.95	0.95	S6+str+PO+SP+PY+PO+QZ								
46827	28.95	30	1.05	S6+str+PO+SP+PY+PO+QZ								
46828	30	31	1.00	S6+PY								
46829	31	32	1.00	S6+PY								
46830	32	32.8	0.80	S6+PY								
46831	32.8	34	1.20	S6GP+SP+PY+PN+PO+QZ+As+Co								
46832	34	35	1.00	S6GP+SP+PY+PN+PO+QZ+As+Co								
46833	35	36	1.00	S6GP+SP+PY+PN+PO+QZ+As+Co+LAM								
46834	36	37	1.00	S6GP+SP+PY+PN+PO+QZ+As+Co+LAM								
46835	37	38	1.00	S6GP+SP+PY+PN+PO+QZ+As+Co+LAM								
46836	38	38.5	0.50	S6GP+SP+PY+PN+PO+QZ+As+Co+LAM								
46837	38.5	40	1.50	S6GP+SP+PY+PN+PO+QZ+As+Co+LAM								

46838	40	41	1.00	S+PY+SP+QZ
46839	41	42	1.00	S+PY+SP+QZ
46840	42	43.2	1.20	S+PY+SP+QZ
46841	43.2	44.4	1.20	S6+PL+PO+S6GP
46842	44.4			Quarter Cut of previous sample
46843	44.4	45.4	1.00	S6GP+PY+SP+QZ
46844	45.4	46.4	1.00	S6GP+SP+PY+PO+CP
46845				Coarse Reject of previous sample
46846	46.4	47.4	1.00	S6GP+SP+PY+PO+CP
46847	47.4	48.45	1.05	S6GP+S6+PY+PO+CP+SP
46848	48.45	49	0.55	S6+PL+PY+SP+PO
46849	49	50.4	1.40	S6GP+PO+SP+CP+QZ
46850	50.4	50.7	0.30	LAM+3%PO
46851	50.7	51.7	1.00	S6GP+SP+PY+CP+PO+PL
46852				Blank
46853	51.7	52.7	1.00	S6+PL+PO+PY+SP
46854	52.7	53.7	1.00	S6+PL+PO+PY+SP
46855				Standard
46856	53.7	54.6	0.90	S6+PL+PO+PY+SP
46857	54.6	55.6	1.00	V4+PO+AM+BO
46858	55.6	57	1.40	V4+PO
46859	57	58.5	1.50	V4+PO
46860	58.5	60	1.50	V4+PO
46861	60	61	1.00	V4+PO
46862				Coarse Reject of previous sample
46863	61	62	1.00	V4+BO+PO
46864	62	63	1.00	V4+BO+PO
46865				Quarter Cut of previous samples
46866	63	64	1.00	V4
46867	64	65	1.00	V4+PO
46868	65	66	1.00	V4+BO+CC+AM
46869	66	66.7	0.70	V4+CrDI
46870	66.7	67.7	1.00	V4+BO+CC+PO
46871	67.7	68.8	1.10	V4+PL+CrDI+PO
46872				Blank
46873	68.8	69.6	0.80	V4+PL+PO+CP+CC+QZ+CC+EP
46874	69.6	70.7	1.10	S6+BO+TR
46875	70.7	71.5	0.80	S6+BO+TR+MO
46876	71.5	72.2	0.70	qfp+SP+PO
46877	72.2	73.5	1.30	qfp+S6
46878	73.5	75	1.50	S6+qfp+PY+SP+PO
46879	75	75.7	0.70	S6+qfp+PO

46880	75.7	76.65	0.95	S6+qfp+PO
46881	76.65	78	1.35	S6,GP+CHL
46882	78	79.5	1.50	S6
46883	79.5	81	1.50	S6+PY
46884	81	82.5	1.50	S6+AlSilicates+GP
46885	82.5	84	1.50	S6+AlSilicates+GP
46886	84	85	1.00	S6+QV+AlSilicate
46887	85	86.4	1.40	S6+GP+AlSil
46888	86.4	87.3	0.90	S6+GP+AlSil+MAR
46889	87.3	88.8	1.50	S6+GP+MgCHL
46890	88.8	90	1.20	S6+GP+MgCHL+QZ
46891	90	91.5	1.50	S6+QZ+PY
46892	91.5			Quarter Cut of previous sample
46893	91.5	93	1.50	S6+QZ+PY
46894	103.5	105	1.50	S6+QZ
46895				Coarse Reject of previous sample
46896	105	106.5	1.50	S6+QZ
46897	106.5	108	1.50	S6
46898	108	109.5	1.50	S6
46899	109.5	111	1.50	S6
46900	111	112.5	1.50	S6
46901	133.5	135	1.50	S6+qv
46902				Blank
46903	135	136	1.00	S6+qv+PO
46904	144	145.5	1.50	S6+qv
46905	145.5	147	1.50	S6+qv+PY
46906	147	148.5	1.50	S6+TR
46907	148.5	150	1.50	S6
46908	150	151.5	1.50	S6
46909	151.5	153	1.50	S6+qfp
46910	153	154.5	1.50	S6
46911	154.5	156	1.50	S6+TR
46912				Coarse Reject of previous sample
46913	156	157.5	1.50	S6
46914	163.5	165	1.50	S6+qv+TR
46915				Quarter Cut of previous samples
46916	165	166	1.00	S6
46917	171	172.5	1.50	S6+QV
46918	172.5	174	1.50	S6+qv+qfp
46919	179.1	180.6	1.50	S6+qv+PY/PO
46920	180.6	182.1	1.50	S6+SR+CC
46921	182.1	183.35	1.25	S6+qv

46922				Blank
46923	188	189.5	1.50	S6+qfp+PY
46924	189.5	191	1.50	S6+PY
46925	191	192	1.00	S6
46926	192	193.5	1.50	S6+qfp+PY
46927	193.5	195	1.50	S6+qfp+PY
46928	195	196	1.00	S6+qfp+QZ+str
46929	196	197.1	1.10	S6+qfp+QZ+str
46930	197.1	198.6	1.50	S6+QZ+str
46931	198.6	200	1.40	S6
46932	200	201	1.00	S6

RQD			#REF!		#REF!		PAGE: 3						
FROM	TO	Length Core Run	Σ pieces >10cm	RQD %									
4	6	1.5		0.00									
6	9	1.8		0.00									
9	12	2.2		0.00									
12	15	2.1		0.00									
15	18	2.85		0.00									
18	21	2.7		0.00									
21	24	2.1		0.00									
24	27	2.9		0.00									
27	30	2.8		0.00									
30	33	2.85		0.00									
33	36	1.2		0.00									
36	39	1.8		0.00									
39	42	1.7		0.00									
42	45	1.7		0.00									
45	48	2.3		0.00									
48	51	2.8		0.00									
51	54	2.8		0.00									
54	57	2.95		0.00									
57	60	3		0.00									
60	63	2.95		0.00									
63	66	3		0.00									
66	69	2.95		0.00									
69	72	2.95		0.00									
72	75	2.25		0.00									
75	78	2.5		0.00									
78	81	2.1		0.00									
81	84	2.45		0.00									
84	87	1.8		0.00									
87	90	1.4		0.00									
90	93	2.35		0.00									
93	96	2.2		0.00									
96	99	3		0.00									
99	102	3		0.00									

102	105	3	0.00	
105	108	3	0.00	
108	111	2.8	0.00	0.3
111	114	3	0.00	
114	117	2.9	0.00	
117	120	3	0.00	
120	123	3	0.00	
123	126	2.8	0.00	
126	129	2.8	0.00	
129	132	2.9	0.00	
132	135	2.9	0.00	
135	138	2.9	0.00	
138	141	2.8	0.00	
141	144	2.5	0.00	
144	147	2.4	0.00	
147	150	2.8	0.00	
150	153	2.8	0.00	
153	156	1.7	0.00	
156	159	2.3	0.00	
159	162	2.7	0.00	
162	165	2.8	0.00	
165	168	2.8	0.00	
168	171	2.95	0.00	
171	174	2.2	0.00	
174	177	2.4	0.00	
177	180	2.7	0.00	
180	183	2.9	0.00	
183	186	2.65	0.00	
186	189	2.2	0.00	
189	192	2.3	0.00	
192	195	2.3	0.00	
195	198	2.3	0.00	
198	201	2.3	0.00	
201	204	3	0.00	
204	207	3	0.00	
207	210	3	0.00	
210	213	3	0.00	
213	216	3	0.00	
EOH				

Box Lengths			#REF!			#REF!			PAGE: 5	
DDH	Box Number	From m	To m	Box Length	DDH	Box Number	From m	To m	Box Length		
SUR-21-12	1	4	8.4	4.4							
SUR-21-12	2	8.4	12.6	4.2							
SUR-21-12	3	12.6	16.7	4.1							
SUR-21-12	4	16.7	20.8	4.1							
SUR-21-12	5	20.8	25.05	4.25							
SUR-21-12	6	25.05	29.3	4.25							
SUR-21-12	7	29.3	33.45	4.15							
SUR-21-12	8	33.45	37	3.55							
SUR-21-12	9	37	41.1	4.1							
SUR-21-12	10	41.1	45.8	4.7							
SUR-21-12	11	45.8	49.9	4.1							
SUR-21-12	12	49.9	54.15	4.25							
SUR-21-12	13	54.15	58.45	4.3							
SUR-21-12	14	58.45	60.8	2.35							
SUR-21-12	15	60.8	67.05	6.25							
SUR-21-12	16	67.05	71.15	4.1							
SUR-21-12	17	71.15	75.35	4.2							
SUR-21-12	18	75.35	80.6	5.25							
SUR-21-12	19	80.6	84.95	4.35							
SUR-21-12	20	84.95	89.4	4.45							
SUR-21-12	21	89.4	93.7	4.3							
SUR-21-12	22	93.7	97.85	4.15							
SUR-21-12	23	97.85	102.2	4.35							
SUR-21-12	24	102.2	106.5	4.3							
SUR-21-12	25	106.5	110.8	4.3							
SUR-21-12	26	110.8	115.2	4.4							
SUR-21-12	27	115.2	119.5	4.3							
SUR-21-12	28	119.5	123.7	4.2							
SUR-21-12	29	123.7	127.8	4.1							
SUR-21-12	30	127.8	132.15	4.35							
SUR-21-12	31	132.15	136.4	4.25							
SUR-21-12	32	136.4	140.6	4.2							

SUR-21-12	33	140.6	145	4.4
SUR-21-12	34	145	149.05	4.05
SUR-21-12	35	149.05	153.3	4.25
SUR-21-12	36	153.3	157.65	4.35
SUR-21-12	37	157.65	162.15	4.5
SUR-21-12	38	162.15	166.45	4.3
SUR-21-12	39	166.45	170.8	4.35
SUR-21-12	40	170.8	174.85	4.05
SUR-21-12	41	174.85	179.1	4.25
SUR-21-12	42	179.1	183.35	4.25
SUR-21-12	43	183.35	187.7	4.35
SUR-21-12	44	187.7	191.1	3.4
SUR-21-12	45	191.1	196	4.9
SUR-21-12	46	196	200.6	4.6
SUR-21-12	47	200.6	201	0.4
EOH				

Minroc Management

Project:		Surimeau - Spring 2021
Hole Number:		**SUR-21-13**
Units of Measurement:		Metres
Location	**NTS Sheet:**	
	Township:	
	Claim No:	
	Grid:	
	Easting:	
	Northing:	
	Elevation:	367
GPS Co-ordinates:	**Zone:**	17U
(if applicable)	**Datum:**	NAD83
	Easting:	697550
	Northing:	5328397
Collar Dip:		-45
Collar Azimuth:		180
Hole Length:		
Core Size:		NQ
Recovery (%)		0.00
Logged By:		Martin Dermers, Francis Newton
Date:	**Start:**	08-Apr-21
	Finish:	09-Apr-21
Drilled by:		SMP Drilling
Date:	**Start:**	07-Apr-21
	Finish:	08-Apr-21

	INCLINATION TESTS			
	DEPTH	**DIP**	**AZIMUTH**	(RAW)
Mag	**COLLAR**	-45.0	180.0	
55324	18	-46.21	183.18	195.18
54964	69	-44.9	180	192
55479	120	-44.48	183.27	195.27
55550	171	-43.7	182.15	194.15

Comments
Same section as PROP15. Covers northern half of volcanic/ultramafic belt
QA/QC info
Blank 1: Appalache Valley Pierre Decorative Stone
Standard-1: GEOSTATS GMB300-10C email : pjh@geostats.com.au

Minroc Management

FROM	TO	LITHO	Desc	Angle TCA
0	**4.3**	**OB**		
4.3	**36.5**	**S3**	**Dark grey, layered quartz-biotite-garnet fine grain meta-sediments. Constant foliation parallel to bedding. Local fine grain tremolite with secondary plagioclase over metric intervals. 5 to 10% quartz veins and pegmatitic veins, 0.5 to 10cm, locally brecciated, varied orientation. PO, trace, 1mm, systematically in veins.**	**75**
Structure				
9.3	9.55	QV	Quartz, grey, brecciate and microfractured with minor sericite. Sub-concordant.	70
21.1	23	PLAG, BT	Grey to yellow, coarse crystallized (10mm) imbricated plagioclase. Sericitized, interstitial biotite. Oblique and boudinaged by the foliation. Remobilized pyrrhotite along veins contacts.	
Alteration				
8.85	9.1	PL,TR	Green, fine grain, foliated plagioclase-tremolite replacement. Discordant to fabrics.	
21.4	21.15	BT	Brown, foliated biotite overprinting tremolite. Concordant.	75
27.9	28.7	PL,TR	Green, fine grain, massive text. plagioclase-tremolite replacement with gradual contacts. Weak breccia cemented by the same assemblage Discordant to fabrics. PO, rare.	
36.2	36.5	TR, PL,BT	Medium grain, fin grain to foliated texture. Including 5m dark qfp dyke.	
Mineralization				
21.1	23	PO	0.5 -1%, 2-5mm grains in plagioclase.	
36.5	**49**	**S3**	**Dark grey, layered quartz-biotite-garnet fine grain meta-sediments. Local sericitized cordierite porphyroblasts. Constant foliation parallel to bedding. 5% ribboned quartz veins 1-2cm.**	60
Alteration				
47.75	49	TR	Pale green, fine grained (1mm) pervasive strong replacement.	
Mineralisation				
47.35	49	PO	1-2%,PO, 1mm elongated grains in the foliation or finely disseminated in the tremolite matrix.	

49	**65.6**	**S6gp**	**Grey to pitch black, layered assemblage at the metric scale of graphitic mudstone interlayered with sandstone. Main graphitic units from 49.6m to 51m, 52.35m to 55.75m to 64.7m to 63.3m, showing graded contacts with coarser facies. Pervasive tremolite alteration in sandstone. Pyrrhotite, generally trace to 3%, finely disseminated or replacing pyrite nodules.**	
Structure				
52.7	53.65	CNR	Lost core, graphitic mud in the box.	
57.7	58.1	QFP	Pale green, porphyritic with remnants of plagioclase phenocrysts.	
Alteration				
49.2	49.6	TR,PL	Pale green, fine grain, pervasive plagioclase-tremolite replacement.	
51	52.35	TR,PL	Pale green, fine grain, pervasive plagioclase-tremolite replacement.	
57.35	60.6	TR,PL,SI	Grey-yellow. Fine grain, pervasive plagioclase-quartz-tremolite replacement preserving the sediment layered structure. Weak local calcite.	60
Mineralisation				
49	50.05	PO	3%, PO, elongated grains in the foliation. Unheavenly disseminated.	
50.05	50.8	PO.SP	15%, PO, 1-10mm, replacement of pyrite nodules of graphitic mudstone with sphalerite. Surrounded by quartz. XRF, 50.05m: NI0.02%, Zn0.4%, Cu0.35%,	
52.35	52.7	PO,PY	2%, PO, less than 1mm to 5mm, finely disseminated in quartz micro-breccia. Locally associated with pyrite.	
53.65	54.75	PO,PY	2%, PO, less than 1mm to 5mm, finely disseminated, local ribbons concordant to bedding (54.3m), associated with pyrite or marcasite close to fractures.	
57	61.8	PO,SP	5% (average), PO, 1-2mm, disseminated, intergranular. Following the fabric orientation. SP, trace, associated with coarser grains.	
61.8	64.7	PO,SP	3% (average), PO, less than 1mm to 1mm, disseminated. SP, trace, rare millimetric veinlets.	
64.7	65.6	PO	10%, PO, massive 0.5 to 1cm bands, concordant to the fabric. XRF, 65.1m, Ni0.1%, Zn4%, Cu2.5%	40
65.6	**201**	**V4**	**Grey to green. Fine grain and foliated assemblage of fibrous pyroxene or amphibole with minor carbonate. Replacement of massive finely granular to cumulate komatiite flows showing minor flow top breccia over 0.3 metres intervals associated with serpentinization crack patterns. At 79.4m, and from 103.5 to 105m, flow top breccia facies followed by brecciated spinifex. PO, trace, sub-millimetric randomly disseminated over metric intervals. Med to coarse grained cr-diopside within zone of weak brecciation 187.6-190.1m.**	
Structure				
80	81.15	STR	Calcite veins (0.2 to 1cm), mostly concordant, but filling unoriented joints. 10% of interval.	

107.4	108	BLOCKY	Broken core inside a strongly foliated biotite rich layer.	
114.55	115.05	BLOCKY,CS	Irregular brittle fabric with mud on slip planes. Developed inside a weathered, clay rich interval.	
129.5	130.3	QV, FOL	Layered and concordant centimetric quartz vein with calcite surrounded by biotite foliation planes. Developed over 50% of interval.	50
140.3	141.8	CARB	Calcite veins stringers and stockwork (0.2 to 0.5cm) discordant.	
144.25	150	QFP	Dark, purplish, porphyritic with about 40% visible plagioclase phenocrysts (2-3mm) with a few K feldspar phenocrysts in a quartz-biotite fine grain matrix. Slightly magnetic. Dyke swarm composed of 0.3 to 1.5m segments of varied orientation, including 20% ultramafic enclaves.	
152.25	153.45	QFP	Dark, purplish, porphyritic with about 40% visible plagioclase phenocrysts (2-3mm) with a few K feldspar phenocrysts in a quartz-biotite fine grain matrix. Slightly magnetic.	
160.05	161.3	FOLD	Tightly folded carbonate rich zone	70
170.6	172	CARB	Calcite veins (0.2 to 1cm) forming a sub-parallel stringer representing about 30% of unit.	
185.7	201	CARB	weakly brecciated ultramafics, frequent 0.5-3cm ca veinlets - calcite veins, 0.5-3m forming a sub-parallel stringer set, approx 25% of unit	
194.85	195.05	QFP	dark, purplish qfp with approx 50% pinkish kspar phenocrysts (2-3mm) with a fine qz-bt matrix. Very slightly magnetic.	
195.4	195.5	QFP	dark, purplish qfp with approx 50% pinkish kspar phenocrysts (2-3mm) with a fine qz-bt matrix. Very slightly magnetic.	
195.8	196.5	QFP	dark, purplish qfp with approx 50% pinkish kspar phenocrysts (2-3mm) with a fine qz-bt matrix. Very slightly magnetic.	
Alteration				
65.6	69.7	CALC-SI	Green, fine to medium grain (1-2mm). Plagioclase matrix with Cr diopside-Cr tremolite with occasional Cr grossular. Biotite foliated layers appearing from 68.3m down to the end of unit. Hosting 5% plagioclase veins stringers of varied orientation. Crowded coarse crystallized anthophyllite from 69.4m. Pyrrhotite bearing.	
76.5	82.8	CHL,CC,BT	Dark green, massive to foliated, pervasive chloritization in gradual contact. Biotite overprint forming bands and stringer patterns. Calcite in matrix and veinlets. PO, 1%, sub-millimetric, disseminated.	
90.6	95.5	BT	Brownish, fine grain unoriented biotite disseminated in the matrix. Increasing close to volcanic breccia.	
104.5	105.5	BT,TR,ANT	Brownish, fine grain unoriented biotite disseminated in the matrix in selective replacement of volcanic structures. Associated with tremolite and unoriented anthophyllite.	
107.4	108	BT	Brown, strong biotite replacement, foliated.	40
114.6	115.4	BT,SR	Brownish to greenish assemblage, biotite, foliated following a CS fabric. XRF, 115m, Ni0.08%	

129.5	138.1	TR, CC,BT	Green, fine overgrowth texture composed mostly of green actinolite, with anthophyllite and biotite in fractures and foliation planes.
140.3	141	DI	Green, coarse crystallized diopside (up to 7mm), Cr bearing. Hosted in carbonate. Gradual contacts.
141	142	TR,BT	Green, fine grain unoriented Fe tremolite-biotite assemblage in gradual contact. Local calcite veining.
143.9	171.9	TR,BT,CC	Green, fine grain Fe tremolite-biotite unoriented assemblage in gradual contact. Calcite veining and replacement over metric intervals, mostly corresponding to volcanic breccia areas.
187.6	190.1	DI	Green, med to coarse crystallized diopside (up to 5mm), Cr bearing. Hosted in and alongside carbonate.
182.7	201	TR,BT,CC	Green, fine grain Fe tremolite-biotite unoriented assemblage in gradual contact. Calcite veining and replacement over metric intervals, mostly corresponding to volcanic breccia areas.
Mineralisation			
65.6	69.6	PO	PO, trace to 1%, 1-2mm, unevenly disseminated.
103.2	103.2	MO	Molybdenite fracture plating

SAMPLES			Surimeau - Spring 2021			HOLE NO:SUR-21-13		PAGE: 4				
Sample	From m	To m	Length	DESCRIPTION	Au g/t							
46933	6	7.5	1.50	S6+qv								
46934	7.5	9	1.50	S6+qv+TR								
46935	9	10.5	1.50	S6+qv+PO-PY								
46936	10.5	12	1.50	S6+qv								
46937	12	13.5	1.50	S6+qv								
46938	13.5	15	1.50	S6+qv+TR								
46939	15	16.5	1.50	S6								
46940	16.5	18	1.50	S6+qv+PO-PY								
46941	18	19.5	1.50	S6+qv+PO								
46942	19.5			Quarter Cut of previous sample								
46943	19.5	21	1.50	S6								
46944	21	22	1.00	S6+TR								
46945				Coarse Reject of previous sample								
46946	22	23	1.00	S6+PL+PO+PN+CPY								
46947	23	24	1.00	S6								
46948	24	25.5	1.50	S6+QZ+BO								
46949	25.5	27	1.50	S6+qv								
46950	27	28.5	1.50	S6+qz+TR								
46951	28.5	30	1.50	S6+qz								
46952			1.50	Blank								
46953	30	31.5	1.50	S6+qv+TR								
46954	31.5	33	1.50	S6+AlSilicate								
46955	33	34.5	1.50	S6								
46956	34.5	36	1.50	S6								
46957	36	37.5	1.50	S6+QZ+str								
46958	37.5	39	1.50	S6								
46959	47.35	48.35	1.50	S+TR+PO								
46960	48.35	49.2	0.85	S+TR+PO								
46961	49.2	49.6	0.40	S6+PO								
46962	49.6			Coarse Reject of previous sample								
46963	49.6	51	1.40	S6GP+PO3%+PY								
46964	51	52.5	1.50	S+TR+PO								
46965				Quarter Cut of previous samples								
46966	52.5	54	1.50	S6GP+PO+SP+PY								
46967	54	55.5	1.50	S+PY+PO								
46968	55.5	57	1.50	S+PL+TR+PY+SP+PO								
46969	57	58.35	1.35	S+PL+TR+PY+SP+PO5%,SP								
46970	58.35	59.65	1.30	S+PL+TR+PY+SP+PO5%,SP								

46971	59.65	60.6	0.95	S+PL+TR+PY+SP+PO5%,SP
46972				Blank
46973	60.6	61.8	1.20	SGP
46974	61.8	63	1.20	S6
46975	63	64.7	1.70	S6
46976	64.7	65.6	0.90	S6GP+PO10%+SP
46977	65.6	66.6	1.00	V4+DI+TR+PL+PO
46978	66.6	67.6	1.00	V4+CrDI+CrTR+CrGR
46979	67.6	69	1.40	V4+CrDI+CrTR+CrGR
46980	69	70.5	1.50	V4+DI+ANT+PO
46981	70.5	72	1.50	V4+ANT
46982	72	73.5	1.50	V4+ANT+JD
46983	73.5	75	1.50	V4
46984	75	76.5	1.50	V4
46985	76.5	78	1.50	V4
46986	78	79.5	1.50	V4+PO
46987	79.5	81	1.50	V4+QZ+CC+AM
46988	81	82.5	1.50	V4+PO
46989	82.5	84	1.50	V4
46990	84	85.5	1.50	V4
46991	85.5	87	1.50	V4
46992	87			Quarter Cut of previous sample
46993	87	88.5	1.50	V4
46994	88.5	90	1.50	V4
46995				Coarse Reject of previous sample
46996	90	91.5	1.50	V4+PO+BO
46997	91.5	93	1.50	V4+BO
46998	93	94.5	1.50	V4+BO+PO
46999	94.5	96	1.50	V4+PO
47000	96	97.5	1.50	V4+PO
47001	97.5	99	1.50	v4 + po + bt
47002				Blank
47003	99	100.5	1.50	v4 + bt + po
47004	100.5	102	0.00	v4
47005				Standard
47006	102	103.5	0.00	v4 + bt, mo on joiny
47007	103.5	105	0.00	v4 + bt
47008	105	106.5	0.00	v6 + bt + po
47009	106.5	108	0.00	v4 + bt
47010	108	109.5	1.50	v4
47011	109.5	111	1.50	v4 + po + bt
47012				Coarse Reject of previous sample

47013	111	112.5	1.50	v4
47014	112.5	114	1.50	v4
47015				Quarter Cut of previous samples
47016	114	115.5	1.50	v4, weathered 114.55-115.05, fault?
47017	115.5	117	1.50	v4
47018	117	118.5	1.50	v4
47019	118.5	120	1.50	v4
47020	120	121.5	1.50	v4
47021	121.5	123	1.50	v4
47022				Blank
47023	123	124.5	1.50	v4
47024	124.5	126	1.50	v4
47025	126	127.5	1.50	v4
47026	127.5	129	1.50	v4
47027	129	130.5	1.50	v4 + bt + carb
47028	130.5	132	1.50	v4 + bt
47029	132	133.5	1.50	v4 + bt
47030	133.5	135	1.50	v4
47031	135	136.5	1.50	v4 + qz-ca str + qfp + bt
47032	136.5	138	1.50	v4 + carb
47033	138	139.5	1.50	v4
47034	139.5	141	1.50	v4 + qz-ca bx
47035	141	142.5	1.50	v4
47036	142.5	144	1.50	v4
47037	144	145.5	1.50	v4 + qfp mix
47038	145.5	147	1.50	v4 + qfp mix
47039	147	148.5	1.50	v4 + qfp mix
47040	148.5	150	1.50	v4 + qfp mix
47041	150	151.25	1.25	v4 + qz-ca str + qfp
47042				Quarter Cut of previous sample
47043	151.25	152.25	1.00	v4 + bt
47044	152.25	153.45	1.20	qfp + v4 mix
47045				Coarse Reject of previous sample
47046	153.45	154.5	1.05	v4 + qz-ca
47047	154.5	156	1.50	v4 + qz-ca
47048	156	157.5	1.50	v4 + qz-ca
47049	157.5	159	1.50	v4
47050	159	160.5	1.50	v4 + bx + qz-ca
47051	160.5	162	1.50	v4 + qz-ca
47052				Blank
47053	162	163.5	1.50	v4 + qz-ca
47054	163.5	165	1.50	v4 + qz-ca

47055	165	166.5	1.50	v4 + bx + qz-ca + bt
47056	166.5	168	1.50	v4 + bx + qz-ca + bt
47057	168	169.5	1.50	v4 + bx + qz-ca + bt
47058	169.5	171	1.50	v4 + qz-ca + bt + hb
47059	171	172.5	1.50	v4 + qz-ca + bt + hb
47060	172.5	174	1.50	v4
47061	174	175.5	1.50	v4
47062				Coarse Reject of previous sample
47063	175.5	177	1.50	v4
47064	177	178.4	1.40	v4
47065				Quarter Cut of previous samples
47066	178.4	178.9	0.50	v4
47067	178.9	180	1.10	v4
47068	180	181.5	1.50	v4
47069	181.5	183	1.50	v4
47070	183	184.5	1.50	v4
47071	184.5	185.7	1.20	v4
47072				Blank
47073	185.7	186.5	0.80	v4 bx
47074	186.5	188	1.50	v4 bx
47075	188	189	1.00	v4 bx
47076	189	190.5	1.50	v4 bx
47077	190.5	192	1.50	v4 bx
47078	192	193.5	1.50	v4 + bx + qfp (10%)
47079	193.5	195	1.50	v4 bx 20% qfp
47080	195	196.5	1.50	v4 + qfp 50-50
47081	196.5	198	1.50	v4
47082	198	199.5	1.50	v4
47083	199.5	201	1.50	v4

RQD			Surimeau - Spring 2021		HOLE NO:SUR-21-13		PAGE: 3						
FROM	TO	Length Core Run	Σ pieces >10cm	RQD %									
4	6	2	1.1	55.00									
6	9	3	1.8	60.00									
9	12	3	2.1	70.00									
12	15	3	1.7	56.67									
15	18	3	2.3	76.67									
18	21	3	2.7	90.00									
21	24	3	2.4	80.00									
24	27	3	2.4	80.00									
27	30	3	2.35	78.33									
30	33	3	2.25	75.00									
33	36	3	2.9	96.67									
36	39	3	2.7	90.00									
39	42	3	2.3	76.67									
42	45	3	2.7	90.00									
45	48	3	2.8	93.33									
48	51	3	2.5	83.33									
51	54	3	2.1	70.00									
54	57	3	2.4	80.00									
57	60	3	2.7	90.00									
60	63	3	2.7	90.00									
63	66	3	2.95	98.33									
66	69	3	3	100.00									
69	72	3	2.9	96.67									
72	75	3	3	100.00									
75	78	3	3	100.00									
78	81	3	2.7	90.00									
81	84	3	2.9	96.67									
84	87	3	3	100.00									
87	90	3	3	100.00									
90	93	3	2.85	95.00									
93	96	3	2.9	96.67									
96	99	3	3	100.00									
99	102	3	3	100.00									

102	105	3	2.9	96.67
105	108	3	2	66.67
108	111	3	2.9	96.67
111	114	3	3	100.00
114	117	3	2.5	83.33
117	120	3	3	100.00
120	123	3	3	100.00
123	126	3	3	100.00
126	129	3	2.9	96.67
129	132	3	3	100.00
132	135	3	3	100.00
135	138	3	2.9	96.67
138	141	3	3	100.00
141	144	3	2.9	96.67
144	147	3	2.6	86.67
147	150	3	2.6	86.67
150	153	3	2.7	90.00
153	156	3	2.7	90.00
156	159	3	2.4	80.00
159	162	3	3	100.00
162	165	3	3	100.00
165	168	3	3	100.00
168	171	3	3	100.00
171	174	3	3	100.00
174	177	3	2.9	96.67
177	180	3	2.5	83.33
180	183	3	3	100.00
183	186	3	2.9	96.67
186	189	3	2.85	95.00
189	192	3	2.9	96.67
192	195	3	3	100.00
195	198	3	3	100.00
198	201	3	3	100.00
201				
0				
0				
0				
0				
EOH				

Box Lengths			Surimeau - Spring 2021			HOLE NO:SUR-21-13			PAGE: 5	
DDH	Box Number	From m	To m	Box Length	DDH	Box Number	From m	To m	Box Length	
SUR-21-13	1	4.3	8.5	4.2						
SUR-21-13	2	8.5	12.85	4.35						
SUR-21-13	3	12.85	17.35	4.5						
SUR-21-13	4	17.35	21.6	4.25						
SUR-21-13	5	21.6	26	4.4						
SUR-21-13	6	26	30.2	4.2						
SUR-21-13	7	30.2	34.5	4.3						
SUR-21-13	8	34.5	38.55	4.05						
SUR-21-13	9	38.55	42.9	4.35						
SUR-21-13	10	42.9	47.1	4.2						
SUR-21-13	11	47.1	51.45	4.35						
SUR-21-13	12	51.45	55.45	4						
SUR-21-13	13	55.45	59.65	4.2						
SUR-21-13	14	59.65	63.95	4.3						
SUR-21-13	15	63.95	68.3	4.35						
SUR-21-13	16	68.3	72.6	4.3						
SUR-21-13	17	72.6	76.9	4.3						
SUR-21-13	18	76.9	81.15	4.25						
SUR-21-13	19	81.15	85.5	4.35						
SUR-21-13	20	85.5	90	4.5						
SUR-21-13	21	90	94.15	4.15						
SUR-21-13	22	94.15	98.3	4.15						
SUR-21-13	23	98.3	102.1	3.8						
SUR-21-13	24	102.1	106.9	4.8						
SUR-21-13	25	106.9	111.05	4.15						
SUR-21-13	26	111.05	115.25	4.2						
SUR-21-13	27	115.25	119.5	4.25						
SUR-21-13	28	119.5	123.75	4.25						
SUR-21-13	29	123.75	128.05	4.3						
SUR-21-13	30	128.05	132.35	4.3						
SUR-21-13	31	132.35	136.65	4.3						
SUR-21-13	32	136.65	140.95	4.3						

SUR-21-13	33	140.95	145.1	4.15
SUR-21-13	34	145.1	149.65	4.55
SUR-21-13	35	149.65	153.55	3.9
SUR-21-13	36	153.55	157.8	4.25
SUR-21-13	37	157.8	162	4.2
SUR-21-13	38	162	166.25	4.25
SUR-21-13	39	166.25	170.6	4.35
SUR-21-13	40	170.6	174.75	4.15
SUR-21-13	41	174.75	179.1	4.35
SUR-21-13	42	179.1	183.4	4.3
SUR-21-13	43	183.4	187.6	4.2
SUR-21-13	44	187.6	191.8	4.2
SUR-21-13	45	191.8	196.2	4.4
SUR-21-13	46	196.2	200.6	4.4
SUR-21-13	47	200.6	201	0.4
EOH				

Minroc Management

Project:		Surimeau - Spring 2021
Hole Number:		**SUR-21-14**
Units of Measurement:		Metres
Location	**NTS Sheet:**	
	Township:	
	Claim No:	
	Grid:	
	Easting:	
	Northing:	
	Elevation:	367
GPS Co-ordinates:	**Zone:**	17U
(if applicable)	**Datum:**	NAD83
	Easting:	697805
	Northing:	5328395
Collar Dip:		-45
Collar Azimuth:		180
Hole Length:		201
Core Size:		NQ
Recovery (%)		0.00
Logged By:		Francis Newton
Date:	**Start:**	09-Apr-21
	Finish:	09-Apr-21
Drilled by:		SMP Drilling
Date:	**Start:**	08-Apr-21
	Finish:	09-Apr-21

	INCLINATION TESTS				
	DEPTH	**DIP**	**AZIMUTH**	(RAW)	**Comments**
Mag	**COLLAR**	-45.0	180.0		
55205	21	-43.54	175.52	187.52	Same section as PROP13. Covers northern half of volcanic/ultramafic belt in poorly explored area
55271	72	-42.27	178.24	190.24	
5563	123	-41.98	177.87	189.87	
56098	171	-41.42	180.34	192.34	

QA/QC info

Blank 1: Appalache Valley Pierre Decorative Stone

Standard-1: GEOSTATS GMB300-10C email : pjh@geostats.com.au

Minroc Management

FROM	TO	LITHO	Desc	Angle TCA
0	**7**	**OB**	**Overburden**	
7	**42.8**	**S3**	**Dark grey, layered quartz-biotite-garnet fine grain meta-sediments. Local sericitized cordierite porphyroblasts. Constant foliation parallel to bedding. 2-5% ribboned quartz veins 1-2cm. 25-26.2m is 5 to 10% quartz veins and pegmatitic veins, 0.5 to 10cm, locally brecciated, varied orientation.**	**60**
Structure				
25.3	26.2	QV	pegmatitic qz-plag veining, irregular, discordant	
Alteration				
25	32.5	PL,TR	plagioclase-tremolite replacement/alteration? Green to grey, fine grained	
28	42.8	BT	Brown, foliated biotite overprinting tremolite. Concordant.	
32.5	36.5	PL,TR	Green, fine grain, foliated plagioclase-tremolite replacement. Discordant to fabric	
36.5	39.35	PLAG-SIL	plagioclase-sil alteration? Green to grey, fine grained, hard	
39.35	42.8	PL,TR	Green, fine grain, foliated plagioclase-tremolite replacement. Discordant to fabric	
Mineralization				
25.3	25.7	PY,PO	trace to 1% fine to coarse clotty py and po along pegmatitic qz-plag veining	
25.7	27.6	PY,PO	3-5% fine to coarse (0.5-3mm) stringers concordant to foliation	
27.6	33.15	PY,PO	trace to 1% fine to med py,po , rare coarser clots in qz and plag veinlets/stringers.	
33.15	33.7	Py,PO	3-5% fine to med py,po stringers conc to foliation	
33.7	36.5	PO	trace fine po, locally up to 1%	
36.5	38.45	PY,PO	trace to 1% fine to med py,po clots/stringers	
36.5	38.45	CPY	traces of fine cpy	
36.5	38.45	SPH	traces of fine sph	
38.45	39.5	PY,PO	5-10% fine to med py,po stringers along fol	60
38.45	39.5	SPH	3-5% fine to med sph stringers alongside py,po	60
39.5	41.4	PO,PY	trace to 1% fine to med py,po clots/stringers	
41.4	42	PO,PY	1-2% fine to med py and po stringers, rare sedimentary nodules	
42	42.8	PO,PY	3-5% fine to med py and po stringers	
42	42.8	CPY	trace fine to med cpy	

42.8	**201**	**V4**	**Grey to green. Fine grain and foliated assemblage of fibrous pyroxene or amphibole with minor carbonate. Replacement of massive finely granular to cumulate komatiite flows showing minor flow top breccia over 0.3 metres intervals associated with serpentinization crack patterns. PO, trace, sub-millimetric randomly disseminated over metric intervals. Upper "contact zone" very strongly biotitized 42.8-43.1m. Spinifex texture 156.25-157m.**	
Structure				
42.8	43.1	BLOCKY	Broken core inside a strongly foliated biotite rich layer.	
61.7	61.8	BLOCKY	blocky core	
80.35	81.1	BLOCKY	blocky core	
93.4	93.45	QZ-AB-CA	5cm qz-ab-ca veinlet oriented 75deg TCA, sharpish contacts	75
97	97.5	CARB, CS	fine ca fractures/stringers, 2cm thick vein of greenish talc. Coarse ab phenos, cumulate texture	
136.6	138.7	BLOCKY, Gph	Zone of blocky to extreme blockiness, fine to coarse seams of graphite	
137.6	137.75	CARB, blocky	numerous 1-3cm carb/calcite veinlets conc to foliation at 60deg TCA, blocky	60
139.6	141	BLOCKY	blocky to extremely blocky core, approx 1m of missing core	
149.35	149.5	BLOCKY	blocky core	
153.5	153.6	CARB	fine ca fractures, 1mm to 2cm thick, oriented approx 40deg TCA, fragments of biotitized v4 within, narrow shear band?	
181.25	181.4	BLOCKY	blocky core	
184	184.1	BLOCKY	blocky core	
185.5	185.6	BLOCKY	blocky core	
Alteration				
42.8	43.1	BT	very strong biotitization in "contact zone"	
43.1	47.5	BT	weak to mod biotitization	
59.5	64.75	BT	weak to mod biotitization, coarse clotty bt, band of very strong bt alt 62.6-62.8m.	
80.35	81.6	BT	Brownish, fine grain unoriented biotite disseminated in the matrix. Increasing close to volcanic breccia.	
83.3	83.7	CHL,CARB,BT	Dark green, massive to foliated, pervasive chloritization in gradual contact. Biotite overprint forming bands and stringer patterns. Calcite in matrix and veinlets.	
87	88	CARB	calcite veinlets, 1-3mm thick, roughly conc to fol	75
97	97.5	CARB, CS	fine ca fractures/stringers, 2cm thick vein of greenish talc. Coarse ab phenos, cumulate texture	
104.6	104.65	CARB, CS	fine ca fractures/stringers, 2cm thick vein of greenish talc. Coarse ab phenos, cumulate texture	
110.75	112.2	CHL,CARB,BT	Dark green, massive to foliated, pervasive chloritization in gradual contact. Biotite overprint forming bands and stringer patterns. Calcite in matrix and veinlets.	
120	121	CARB, CHL	wispy 1-3cm calcite veinlets + chl filled fractures	

136.6	137.75	CHL,GRAPH,BT	Dark green, massive to foliated, pervasive chloritization in gradual contact. Graphite and biotite forming bands and stringer patterns.
142.5	146.6	TR,BT,CARB	Green, fine grain Fe tremolite-biotite unoriented assemblage in gradual contact. Calcite veining and replacement over metric intervals, mostly corresponding to volcanic breccia areas.
153.3	156	BT	Dark brown-black, strong biotite replacement, massive
157.6	166.5	TR,BT, CARB	Green, fine grain Fe tremolite-biotite unoriented assemblage in gradual contact. Calcite veining and replacement over metric intervals.
168.5	169.1	BT	patchy coarse bt crystals
171	171.75	PLAG-CARB	irregular greyish-brown plagioclase-calcite veinlets, weakly defined bx? In v4
182.2	184.7	TR, BT	Green, fine grained unoriented Fe tremolite-biotite assemblage in gradual contact.
193.75	195.55	TR, BT, MS	Green, fine grained unoriented Fe tremolite-biotite-muscovite assemblage in gradual contact. Local calcite veining.
195.55	201	TR, BT	Green, fine grained unoriented Fe tremolite-biotite assemblage in gradual contact.
Mineralization			
47.5	50	PO	PO, trace to 1%, 1-3mm, unevenly disseminated
68	72.3	PO	PO, trace to 1%, 1-3mm, unevenly disseminated
81.6	84.2	PO	PO, trace to 1%, 1-3mm, unevenly disseminated
111.7	113	PO	PO, trace to 1%, 1-3mm, unevenly disseminated
120	121	PO	PO, trace, 1-3mm, concentrated around chl-fracture fills
170	174	PO	PO, trace, 1-3mm

SAMPLES			Surimeau - Spring 2021				HOLE NO:SUR-21-14			PAGE: 4	
Sample	From m	To m	Length	DESCRIPTION	Au g/t						
47084	7	8.5	1.50	s6							
47085	8.5	10	1.50	s6							
47086	10	11.5	1.50	s6							
47087	11.5	13	1.50	s6							
47088	13	14.5	1.50	s6							
47089	14.5	16	1.50	s6							
47090	16	17.5	1.50	s6							
47091	17.5	19	1.50	s6							
47092				Quarter Cut of previous sample							
47093	19	20.5	1.50	s6							
47094	20.5	22	1.50	s6							
47095				Coarse Reject of previous sample							
47096	22	23	1.00	s6							
47097	23	24	1.00	s6							
47098	24	25	1.00	s6							
47099	25	25.7	0.70	s6 + qz + ca + tr + py,po							
47100	25.7	26.2	0.50	s6 + tr + qz + 5% py							
47101	26.2	27	0.80	s6 + tr py-po str							
47102				Blank							
47103	27	28	1.50	s6 + tr py-po str							
47104	28	29.5	1.50	s6 + qz str + tr to 1% py							
47105	29.5	31	1.50	s6 + qz str + tr to 1% py							
47106	31	32.5	1.50	s6 + qz str + tr to 1% py							
47107	32.5	33.7	1.50	s6 + tr + tr-1% py,po str							
47108	33.7	35	1.50	s6 + tr + tr-1% py,po str							
47109	35	36.5	1.50	s6 + tr + tr-1% py,po str							
47110	36.5	37.5	1.00	s6 + sil-plag + bt + py + po + sph str							
47111	37.5	38.45	0.95	s6 + sil-plag + bt + py + po + sph str							
47112				Coarse Reject of previous sample							
47113	38.45	39.5	1.05	s6 + sil-plag + bt + py + po + sph str							
47114	39.5	41	1.50	s6 + bt + tr to 1% diss py,po							
47115				Quarter Cut of previous samples							
47116	41	42	1.00	s6 + bt + tr to 1% diss py,po							
47117	42	42.8	0.80	s6 + bt + tr to 1% diss py,po, tr cpy							
47118	42.8	44	1.20	s6 + v4 contact zone + bt							
47119	44	45.5	1.50	bx zone, v4 + ex-serp + hb + po							

47120	45.5	46.5	1.00	bx zone, v4 + ex-serp + hb + po
47121	46.5	47.5	1.00	bx zone, v4 + ex-serp + hb + po
47122				Blank
47123	47.5	48	0.50	bx zone, v4 + ex-serp + hb + po
47124	48	49	1.00	v4 + po
47125	49	50.5	1.50	v4 + tr po
47126	50.5	52	1.50	v4
47127	52	53.5	1.50	v4
47128	53.5	55	1.50	v4
47129	55	56.5	1.50	v4
47130	56.5	58	1.50	v4
47131	58	59	1.00	v4
47132	59	59.8	0.80	v4
47133	59.8	60.5	0.70	v4 + bt + po + weak bx
47134	60.5	61.8	1.30	v4 + bt + po + weak bx
47135	61.8	63	1.20	v4 + bt 62.65-62.75
47136	63	64.5	1.50	v4 + bt + tr po
47137	64.5	66	1.50	v4
47138	66	67.5	1.50	v4
47139	67.5	69	1.50	v4
47140	69	70	1.00	v4 + tr po
47141	70	71	1.00	v4 + po
47142				Quarter Cut of previous sample
47143	71	72.5	1.50	v4 + po
47144	72.5	74	1.50	v4 + po
47145				Coarse Reject of previous sample
47146	74	75.5	1.50	v4
47147	75.5	77	1.50	v4
47148	77	78.5	1.50	v4
47149	78.5	80	1.50	v4
47150	80	81	1.00	v4, blocky
47151	81	82	1.00	v4 + bt, bx
47152				Blank
47153	82	83	1.00	v4 + bt, bx
47154				Standard (put in wrong position)
47155	83	84	1.00	v4 + bt, bx
47156	84	85.5	1.50	v4
47157	85.5	87	1.50	v4
47158	87	88.5	1.50	v4
47159	88.5	90	1.50	v4
47160	90	91.5	1.50	v4

47161	91.5	93	1.50	v4
47162				Coarse Reject of previous sample
47163	93	94.5	1.50	v4
47164	94.5	96	1.50	v4
47165				Quarter Cut of previous samples
47166	96	97.5	1.50	v4, cumulate texture
47167	97.5	99	1.50	v4
47168	99	100.5	1.50	v4
47169	100.5	102	1.50	v4
47170	102	103.5	1.50	v4
47171	103.5	105	1.50	v4
47172				Blank
47173	105	106.5	1.50	v4
47174	106.5	108	1.50	v4
47175	108	109.5	1.50	v4
47176	109.5	110.75	1.25	v4
47177	110.75	111.7	0.95	v4 + bt + tr + ca + bx
47178	111.7	112.2	0.50	v4 + bt + tr + ca + bx
47179	112.2	113	0.80	v4
47180	113	114.5	1.50	v4
47181	114.5	116	1.50	v4
47182	116	117.5	1.50	v4
47183	117.5	119	1.50	v4
47184	119	120	1.00	v4
47185	120	121	1.00	v4 + chl fractures
47186	121	122.5	1.50	v4
47187	122.5	124	1.50	v4
47188	124	125.5	1.50	v4
47189	125.5	127	1.50	v4
47190	127	128.5	1.50	v4
47191	128.5	130	1.50	v4
47192				Quarter Cut of previous sample
47193	130	131.5	1.50	v4
47194	131.5	133	1.50	v4
47195				Coarse Reject of previous sample
47196	133	134.5	1.50	v4
47197	134.5	136	1.50	v4
47198	136	136.6	0.60	v4
47199	136.6	138	1.40	v4 + tr + bt + graphite, blocky
47200	138	138.7	0.70	v4 + tr + bt + graphite, blocky
47201	138.7	139.6	0.90	v4

47202			1.40	Blank
47203	139.6	141	1.50	v4, blocky, 1m missing core
47204	141	142.5	1.50	v4
47205	142.5	144	1.50	v4 + calcite + bt
47206	144	145.5	1.50	v4 + calcite + bt
47207	145.5	146.6	1.50	v4 + calcite + bt
47208	146.6	148	1.50	v4
47209	148	149.5	1.50	v4
47210	149.5	151	1.50	v4
47211	151	152.5	1.50	v4
47212				Coarse Reject of previous sample
47213	152.5	153.3	0.80	v4
47214	153.3	154	0.70	v4 + bt
47215				Quarter Cut of previous samples
47216	154	155	1.00	v4 + bt
47217	155	156	1.00	v4 + bt
47218	156	157	1.00	v4, spinifex
47219	157	158	1.00	v4
47220	158	159	1.00	v4 + bt + calcite veinlets + tr
47221	159	160.5	1.50	v4 + bt + calcite veinlets + tr
47222				Blank
47223	160.5	161.5	1.00	v4 + bt + calcite veinlets + tr
47224	161.5	162.1	0.60	v4 + tr
47225	162.1	163.05	0.95	v4 + tr + calc veinlets + bt
47226	163.05	164.5	1.45	v4 + tr + calc veinlets + bt
47227	164.5	166	1.50	v4 + tr + calc veinlets + bt
47228	166	167	1.00	v4
47229	167	168.5	1.50	v4
47230	168.5	170	1.50	v4
47231	170	171.5	1.50	v4
47232	171.5	173	1.50	v4
47233	173	174.5	1.50	v4
47234	174.5	176	1.50	v4 + tr
47235	176	177.5	1.50	v4 + tr
47236	177.5	179	1.50	v4
47237	179	180.5	1.50	v4
47238	180.5	181.5	1.00	v4
47239	181.5	182.2	0.70	v4
47240	182.2	183	0.80	v4 + bt + tr
47241	183	184	1.00	v4 + bt + tr
47242				Quarter Cut of previous sample

47243	184	184.7	0.70	v4 + bt + tr
47244	184.7	185.6	0.90	v4
47245				Coarse Reject of previous sample
47246	185.6	187	1.40	v4
47247	187	188.5	1.50	v4
47248	188.5	190	1.50	v4
47249	190	191	1.00	v4
47250	191	192	1.00	v4
47251	192	193	1.00	v4
47252			0.00	Blank
47253	193	193.75	0.75	v4
47254	193.75	194.75	1.00	v4 + bt + ms
47255	194.75	195.55	0.80	v4 + bt + ms
47256	195.55	196.9	1.35	v4
47257	196.9	198	1.10	v4 + bt
47258	198	199.5	1.50	v4 + bt
47259	199.5	201	1.50	v4 + bt

RQD			Surimeau - Spring 2021		HOLE NO:SUR-21-14		PAGE: 3						
FROM	TO	Length Core Run	Σ pieces >10cm	RQD %									
7	9	2	1.05	52.50									
9	12	3	1.3	43.33									
12	15	3	1.8	60.00									
15	18	3	1.7	56.67									
18	21	3	2.4	80.00									
21	24	3	2.3	76.67									
24	27	3	2.8	93.33									
27	30	3	2.7	90.00									
30	33	3	2.15	71.67									
33	36	3	2.7	90.00									
36	39	3	2.7	90.00									
39	42	3	2.9	96.67									
42	45	3	2.55	85.00									
45	48	3	2.65	88.33									
48	51	3	2.9	96.67									
51	54	3	2.9	96.67									
54	57	3	3	100.00									
57	60	3	3	100.00									
60	63	3	2.4	80.00									
63	66	3	2.8	93.33									
66	69	3	3	100.00									
69	72	3	2.9	96.67									
72	75	3	3	100.00									
75	78	3	2.8	93.33									
78	81	3	2.2	73.33									
81	84	3	2.65	88.33									
84	87	3	2.9	96.67									
87	90	3	3	100.00									
90	93	3	3	100.00									
93	96	3	3	100.00									
96	99	3	2.9	96.67									

99	102	3	3	100.00	
102	105	3	2.9	96.67	
105	108	3	2.7	90.00	
108	111	3	2.9	96.67	
111	114	3	3	100.00	
114	117	3	3	100.00	
117	120	3	3	100.00	
120	123	3	3	100.00	
123	126	3	2.55	85.00	
126	129	3	2.8	93.33	
129	132	3	3	100.00	
132	135	3	2.4	80.00	
135	138	3	2	66.67	
138	141	3	1	33.33	
141	144	3	2.7	90.00	
144	147	3	3	100.00	
147	150	3	2.75	91.67	
150	153	3	3	100.00	
153	156	3	2.9	96.67	
156	159	3	2.9	96.67	
159	162	3	3	100.00	
162	165	3	3	100.00	
165	168	3	3	100.00	
168	171	3	2.9	96.67	
171	174	3	3	100.00	
174	177	3	2.9	96.67	
177	180	3	2.9	96.67	0.7
180	183	3	2.2	73.33	
183	186	3	2.05	68.33	
186	189	3	2.9	96.67	
189	192	3	2.8	93.33	
192	195	3	2.2	73.33	
195	198	3	1.7	56.67	
198	201	3	2.6	86.67	
EOH					

Box Lengths			Surimeau - Spring 2021			HOLE NO:SUR-21-14			PAGE: 5	
DDH	Box Number	From m	To m	Box Length	DDH	Box Number	From m	To m	Box Length	
SUR-21-14	1	7	10.9	3.9						
SUR-21-14	2	10.9	14.9	4						
SUR-21-14	3	14.9	19.1	4.2						
SUR-21-14	4	19.1	23.45	4.35						
SUR-21-14	5	23.45	27.6	4.15						
SUR-21-14	6	27.6	31.7	4.1						
SUR-21-14	7	31.7	36	4.3						
SUR-21-14	8	36	40.25	4.25						
SUR-21-14	9	40.25	44.6	4.35						
SUR-21-14	10	44.6	48.9	4.3						
SUR-21-14	11	48.9	53.2	4.3						
SUR-21-14	12	53.2	57.4	4.2						
SUR-21-14	13	57.4	61.75	4.35						
SUR-21-14	14	61.75	66	4.25						
SUR-21-14	15	66	70.35	4.35						
SUR-21-14	16	70.35	74.6	4.25						
SUR-21-14	17	74.6	78.9	4.3						
SUR-21-14	18	78.9	83.3	4.4						
SUR-21-14	19	83.3	87.55	4.25						
SUR-21-14	20	87.55	91.85	4.3						
SUR-21-14	21	91.85	96.2	4.35						
SUR-21-14	22	96.2	100.5	4.3						
SUR-21-14	23	100.5	104.95	4.45						
SUR-21-14	24	104.95	109.25	4.3						
SUR-21-14	25	109.25	113.4	4.15						
SUR-21-14	26	113.4	117.75	4.35						
SUR-21-14	27	117.75	122	4.25						
SUR-21-14	28	122	125.75	3.75						
SUR-21-14	29	125.75	130.5	4.75						
SUR-21-14	30	130.5	134.9	4.4						
SUR-21-14	31	134.9	138.7	3.8						

SUR-21-14	32	138.7	143.7	5
SUR-21-14	33	143.7	147.8	4.1
SUR-21-14	34	147.8	152.1	4.3
SUR-21-14	35	152.1	156.25	4.15
SUR-21-14	36	156.25	160.6	4.35
SUR-21-14	37	160.6	165	4.4
SUR-21-14	38	165	169.2	4.2
SUR-21-14	39	169.2	173.55	4.35
SUR-21-14	40	173.55	177.7	4.15
SUR-21-14	41	177.7	182	4.3
SUR-21-14	42	182	186.5	4.5
SUR-21-14	43	186.5	190.65	4.15
SUR-21-14	44	190.65	195	4.35
SUR-21-14	45	195	199.1	4.1
SUR-21-14	46	199.1	201	1.9
EOH				

Minroc Management

Project:		Surimeau - Spring 2021
Hole Number:		**SUR-21-15**
Units of Measurement:		Metres
Location	**NTS Sheet:**	
	Township:	
	Claim No:	
	Grid:	
	Easting:	
	Northing:	
	Elevation:	367
GPS Co-ordinates:	**Zone:**	17U
(if applicable)	**Datum:**	NAD83
	Easting:	697994
	Northing:	5328400
Collar Dip:		-45
Collar Azimuth:		180
Hole Length:		201
Core Size:		NQ
Recovery (%)		91.46
Logged By:		Francis Newton
Date:	**Start:**	10-Apr-21
	Finish:	10-Apr-21
Drilled by:		SMP Drilling
Date:	**Start:**	09-Apr-21
	Finish:	10-Apr-21

	INCLINATION TESTS			
	DEPTH	**DIP**	**AZIMUTH**	(RAW)
Mag	**COLLAR**	-45.0	180.0	
55289	18	-44.53	182.24	194.24
55321	69	-43.14	186.9	198.9
55116	153	-43.48	189.43	201.43
54772	201	-43.61	187.21	199.21

Comments
Same section as PROP11. Covers northern half of volcanic/ultramafic belt. Undercut SUR-20-003 and confirm mineralization seen at surface (0.48% Ni over 1m, unconstrained)
QA/QC info
Blank 1: Appalache Valley Pierre Decorative Stone
Standard-1: GEOSTATS GMB300-10C email : pjh@geostats.com.au

Minroc Management

FROM	TO	LITHO	Desc	Angle TCA
0	**4**	**OB**	**Overburden**	
4	**46.75**	**S3**	**Dark grey, layered quartz-biotite with local garnet, fine grained meta-sediments. Local sericitized cordierite porphyroblasts. Constant foliation parallel to bedding. 1% ribboned quartz veins 1-2cm.**	**75**
Structure				
9	12	BLOCKY	weakly blocky core	
10	10.05	QV	white qv, irregular, weakly chloritized around vein, trace coarse clots of po within vein	
Alteration				
4	49.8	BT	weak biotitization throughout	
9	11.75	BT, TR, CHL	greenish, strong tremolite overprint (amphibolized), coarse grained, coarse bt, traces of chlorite	
30.55	31.1	BT, TR	greenish, strong tremolite overprint (amphibolized), coarse grained, coarse bt	
Mineralization				
10	10.05	PO	trace coarse clotty po in narrow, irregular qv	
27.9	28	PY	fine py along joint plane	
46.75	**52.6**	**S3**	**Similar to above but the gradual contact zone into the underlying ultramafics. Dark grey-green colour, quartz-biotite assemblage with local garnet, fine grained metasediments.**	**75**
Structure				
50	51	BLOCKY	weak blockiness	
51.95	52.05	QV, CA	irregular pinkish-creamy coloured qv, extremely coarse tourmaline crystals (3-5cm), carb alt around vein	
Alteration				
46.75	52.6	PL,TR	plagioclase-tremolite replacement/alteration? Green to grey, fine to med grained	
47	47.25	PLAG-SIL	plagioclase-sil alteration, Green to grey, fine grained	
47.8	48.056	PLAG-SIL	plagioclase-sil alteration, Green to grey, fine grained	
49.8	52.6	PLAG-SIL	plagioclase-sil alteration, Green to grey, fine to coarse grained	
51.95	52.05	CARB	pervasive carb alt around qz-tour veinlet	
Mineralization				

46.75	52.6	PO	PO, trace to 1%, 1-3mm, unevenly disseminated.	
47.15	47.25	PY, MO	Vuggy pyrite clots with trace Mo, fine to med py stringers along foliation. XRF scans indicate values of Mo 0.13%; Pd 200ppm.	80
47.8	48.05	PO, SPH	10% sulfide, fine to med po stringers + trace fine sph. XRF readings indicate values of Zn 0.1%	
49.8	50.6	PO, SPH, CPY	occasional coarse clots of PO with traces of sph and cpy	
52	52	SPH, MO	Coarse sph clot alongside qz-tourmaline, traces of mo. XRF Scans indicate values of Zn 8%; Mo 0.02%.	
52.6	**176.1**	**V4**	**Grey to green. Fine grain and foliated assemblage of fibrous pyroxene or amphibole with minor carbonate. Replacement of massive finely granular to cumulate komatiite flows showing minor flow top breccia over 0.3 metres intervals associated with serpentinization crack patterns. PO, trace. sub-millimetric randomlv disseminated over metric intervals.**	
Structure				
59.2	59.3	QZ-CA	10cm creamy-white-green qz-ca vein, oriented approx 85deg TCA.	85
65	75.7	CARB	Calcite veins stringers and stockwork (0.2 to 0.5cm) discordant.	
82.7	82.75	BLOCKY	blocky core	
83.8	84	BLOCKY	blocky core	
87	89.1	AB	coarse ab phenos, cumulate texture	
113.5	113.6	QZ-CA	10cm creamy-white-green qz-ca vein, oriented approximately 60	60
111.8	111.55	QZ-CA	15% qz-calcite veinlets/stringers, en echelon at 70deg TCA	70
128.4	128.45	CA, TOUR	3mm calcite stringer at 75deg TCA with coarse tourmaline crystals in v4 around stringer	75
115.45	119.7	CARB	Calcite veins stringers and stockwork (0.2 to 0.5cm) discordant.	
122.55	123.75	PX	Medium to coarse grained, possibly opx?	
127.95	128.55	XENO, TOUR, CARB	5-10mm black, anhedral xenoliths + 2mm calcite stringer + coarse 2-5mm tourmaline	
131.55	132	PX	Medium to coarse grained, possibly opx?	
141	156	XENO	occasional 5-10mm anhedral black xenoliths	
152	155.5	QZ-AB, BT, TR	fine 2-3mm qz-ab veinlets/stringers in various orientations with med to coarse bt-tr along vein walls	
165.3	165.5	BLOCKY	blocky core	
Alteration				
52.6	54	BT, TR, DI	Green, fine grained unoriented Fe tremolite-biotite assemblage in gradual upper contact. Very strong biotitization, Green, med to coarse crystallized diopside (up to 5mm), Cr bearing.	
54	57.2	BT, TR	Green, fine grained unoriented Fe tremolite-biotite assemblage in. Weak to mod biotitization	
82.7	85	TR,BT,CARB	Green, fine grain Fe tremolite-biotite unoriented assemblage. Narrow bands of disseminated carbonate and rare calcite veinlets	

96	96.2	CS	fine 1cm blue-green talc veinlet along fractured and irregular ab veinlet, oriented approx 45deg TCA	45
108.3	111.55	TR, BT, CARB	Green, fine grain Fe tremolite-biotite unoriented assemblage. Narrow bands of disseminated carbonate an d are calcite veinlets	
111.55	113.6	TR, BT	Green, fine grain Fe tremolite-biotite unoriented assemblage.	
120.1	122.55	BT, TR	Green, fine grained unoriented Fe tremolite-biotite assemblage in. Weak to mod biotitization	
129.6	131.55	BT, TR	Green, fine grained unoriented Fe tremolite-biotite assemblage in. Weak to mod biotitization	
146	146.55	CARB. BT	wispy patch of carbonate + clots of coarse bt	
152	155.5	QZ-AB, BT, TR	fine 2-3mm qz-ab veinlets/stringers in various orientations with med to coarse bt-tr along vein walls	
157.2	157.6	CARB, TR, BT	wispy carbonate, grey colour, fine traces of tremolite and biotite	
163.7	164.2	BT	Dark brown-black, strong biotite replacement, massive	
165.3	165.5	BT	Dark brown-black, strong biotite replacement, massive	
172.9	174.55	TR,BT,CARB	Green, fine grain Fe tremolite-biotite unoriented assemblage. Calcite veining and replacement, corresponding to volcanic breccia area, fine to med biotite stringers/veinlets. Roughly oriented 75deg TCA	75
Mineralization				
52.6	58.7	PO	PO, trace to 2%, 1-3mm fine crystals, unevenly disseminated	
70.35	78	PO	PO, trace to 1%, 1-3mm fine crystals, unevenly disseminated	
84	84.8	PO,PY	PO,PY, trace to 1%, 1-3mm fine crystals, unevenly disseminated, Med py stringer 84.35m.	
85.35	90	PO	PO, trace to 1%, 1-3mm fine crystals, unevenly disseminated	
165	165.5	PO	PO, trace, 1-2mm fine crystals	
174.55	176.1	PO	PO, trace to 2%, 1-3mm fine crystals, unevenly disseminated	
176.1	**189.1**	**S6**	**Dark grey to black, fine to medium grained partly recrystallized siltstone to sandstone, all graphite bearing showing preserved grading and bedding at the 0.3 to 1m scale. Local graphitic mudstone soft clast in sandstone. Main graphitic and pyrite bearing layers from 181.35-182.3m, and from 187.55-187.7m. Regular bedding orientation. Feldspar-mica assemblage with more minor quartz, mostly visible in sandstone and occasional 1-3cm chert beds. Trace to 2% fine disseminated pyrite background. Bottom of unit appears to be mixed ultramafics and sediments.**	**70**
Structure				
177.8	178.4	BLOCKY	blocky core	
182.25	185	L4P	Regular injection of lamprophyre dykes, 1 to 3cm controlled by the fractures pattern.	
187.7	187.9	BLOCKY	blocky core	
187.85	187.95	QFP	grey-brown qfp	

Alteration				
179.35	180.4	PLAG,TR,SI	Grey to greenish, sugary fine grain texture, quartz, plagioclase and tremolite. Limited by a coarser reactive sandstone or wacke.	
186.4	187.1	CALC-SI	Green, fine to medium grain (1-2mm). Plagioclase matrix with Cr diopside-Cr tremolite with occasional Cr grossular. Hosting 5% plagioclase veins stringers of varied orientation. Pyrrhotite bearing.	
Mineralization				
177	177.65	PO,SPH	5-10%, PO, pyrrhotite millimetric stringers surrounded by irregular quartz breccia. Sphalerite millimetric grains in quartz. XRF: Ni0.1%, Zn8%	
180.4	181.35	PO	PO, 2-3%, 1-3mm fine crystals, unevenly disseminated	
181.35	182.25	PO, SPH, CPY	5% Po, 2-3% Sph and trace to 1% Cpy in graphitic mudstone layer, fine to coarse (1-5mm) sulfide stringers and fractures.	
182.25	186.4	PO, SPH, CPY, PY	3-5% sulfide overall, primarily PO with rare retrograde pyrite, traces of sph and cpy. Occasional disseminations but mineralization mainly as 1-5mm stringers at 90deg TCA	90
186.4	187.1	PO	PO, 1-3%, 1-2mm fine crystals, disseminated	
187.1	187.7	PO, SPH, CPY	5% Po, 2-3% Sph and trace to 1% Cpy in graphitic mudstone layer and fine grained siltstone, fine to coarse (1-5mm) sulfide stringers and fractures.	
188.05	188.1	PO, CPY	PO 5%, CPY 1-3%, 1-3mm stringers	
188.1	189.1	PO	PO, trace to 2%, 1-2mm fine crystals, unevenly disseminated	
189.1	**201**	**V4**	**Dark green, fine grain amphibole with plagioclase. Massive granular volcanic structure locally veined by precursor serpentinization. Mixed upper contact with hanging wall sediments over 1m. Weakly foliated at 65deg TCA.**	**65**
Structure				
189.1	189.2	QFP	grey-brown qfp, coarse grained plag phenos 2-3mm	
189.75	190	QFP	grey-brown qfp, coarse grained plag phenos 2-3mm	
190.15	190.4	QFP	grey-brown qfp, coarse grained plag phenos 2-3mm	
190.4	191.05	QFP, V4	Mixed and irregular qfp as above and tr-bt enriched ultramafics	
192.1	193.45	BX	weakly brecciated v4	
193.45	193.95	QFP	grey-brown qfp, coarse grained plag phenos 2-3mm	
Alteration				
189.1	193.4	TR, BT	Green, fine to coarse grained unoriented Fe tremolite-biotite assemblage.	
199.6	201	TR,BT, CARB	Green, fine grain Fe tremolite-biotite unoriented assemblage. Calcite veining and pervasiveness throughout.	

SAMPLES			Surimeau - Spring 2021				HOLE NO:SUR-21-15			PAGE: 4	
Sample	From m	To m	Length	DESCRIPTION	Au g/t						
47260	9	10.5	1.50	s6 + hb + bt							
47261	10.5	12	1.50	s6 + hb + bt							
47262				Coarse Reject of previous sample							
47263	12	13.5	1.50	s6							
47264	13.5	15	1.50	s6							
47265				Quarter Cut of previous samples							
47266	30	31.5	1.50	s6 + hb + bt							
47267	31.5	33	1.50	s6							
47268	33	34.5	1.50	s6							
47269	34.5	36	1.50	s6							
47270	36	37.5	1.50	s6							
47271	37.5	39	-37.50	s6							
47272				Blank							
47273	39	40.5	1.50	s6							
47274	40.5	42	1.50	s6							
47275	42	43.5	1.50	s6							
47276	43.5	45	1.50	s6							
47277	45	46	1.00	s6							
47278	46	46.75	0.75	s6 + tr							
47279	46.75	48.05	1.30	s6 + sil-plag + tr + py + mo							
47280	48.05	49.5	1.45	s6 + po							
47281	49.5	50.7	1.20	s6 + sil-plag + py + mo 0.4% + py str							
47282	50.7	51.5	0.80	s6 + sil-plag + po							
47283	51.5	52.6	1.10	v4 + sil-plag + bx + py + po							
47284	52.6	54	1.40	v4 + bt + tr							
47285	54	55.5	1.50	v4							
47286	55.5	57	1.50	v4							
47287	57	58.5	1.50	v4 + po + qz-ca							
47288	58.5	60	1.50	v4 + po							
47289	60	61.5	1.50	v4							
47290	61.5	63	1.50	v4							
47291	63	64.5	1.50	v4							
47292				Quarter Cut of previous sample							
47293	64.5	66	1.50	v4							
47294	66	67.5	1.50	v4							
47295				Coarse Reject of previous sample							

47296	67.5	69	1.50	v4
47297	69	70.5	1.50	v4
47298	70.5	72	1.50	v4
47299	72	73.5	1.50	v4
47300	73.5	75	1.50	v4
47301	75	76.5	1.50	v4
47302				Blank
47303	76.5	78	1.50	v4
47304	78	79.5	1.50	v4
47305				Standard
47306	79.5	81.5	2.00	v4
47307	81.5	82.7	1.20	v4
47308	82.7	83.5	0.80	v4 + bt
47309	83.5	85	1.50	v4 + bt
47310	85	86	1.00	v4
47311	86	87	1.00	v4
47312				Coarse Reject of previous sample
47313	87	88.5	1.50	v4
47314	88.5	90	1.50	v4
47315				Quarter Cut of previous samples
47316	90	91.5	1.50	v4
47317	91.5	93	1.50	v4
47318	93	94.5	1.50	v4
47319	94.5	96	1.50	v4
47320	96	97.5	1.50	v4
47321	97.5	99	1.50	v4
47322				Blank
47323	99	100.5	1.50	v4
47324	100.5	102	1.50	v4
47325	102	103.5	1.50	v4
47326	103.5	105	1.50	v4
47327	105	106.5	1.50	v4
47328	106.5	107.5	1.00	v4
47329	107.5	108.3	0.80	v4
47330	108.3	109.3	1.00	v4 + bt + tr + tr po
47331	109.3	110.5	1.20	v4 + ca str + tr + bt
47332	110.5	111.55	1.05	v4 + ca str + tr + bt
47333	111.55	112.6	1.05	v4 + ca str + tr + bt
47334	112.6	113.6	1.00	v4 + tr + qz-ca vein
47335	113.6	115	1.40	v4
47336	115	115.5	0.50	v4

47337	115.5	116.1	0.60	v4 + tr po + chl + qz-ca str
47338	116.1	117.5	1.40	v4
47339	117.5	119	1.50	v4
47340	119	120.1	1.10	v4
47341	120.1	121.3	1.20	v4 + bt + tr
47342				Quarter Cut of previous sample
47343	121.3	122.55	1.25	v4 + bt + tr
47344	122.55	124	1.45	v4
47345				Coarse Reject of previous sample
47346	124	125.5	1.50	v4
47347	125.5	127	1.50	v4
47348	127	127.95	0.95	v4
47349	127.95	128.55	0.60	v4 + xenoliths + tour
47350	128.55	129.6	1.05	v4
47351	129.6	129.9	0.30	v4 + qz-ca
47352				Blank
47353	129.9	130.7	0.85	v4 + bt + tr + tr po
47354	130.7	131.55	0.95	v4 + bt + tr + tr po
47355	131.55	132.5	1.50	v4 + ca str
47356	132.5	134	1.50	v4
47357	134	135.5	1.50	v4
47358	135.5	137	1.50	v4
47359	137	138.5	1.50	v4
47360	138.5	140	1.50	v4
47361	140	141.5	1.50	v4
47362				Coarse Reject of previous sample
47363	141.5	143	1.50	v4
47364	143	144.5	1.50	v4
47365				Quarter Cut of previous samples
47366	144.5	145.3	0.80	v4
47367	145.3	146.5	1.20	v4 + calcite + plag
47368	146.5	148	1.50	v4
47369	148	149	1.00	v4
47370	149	150	1.00	v4
47371	150	151	1.00	v4 + tr + bt + chl
47372				Blank
47373	151	152.5	1.50	v4
47374	152.5	154	1.50	v4
47375	154	155.5	1.50	v4
47376	155.5	157	1.50	v4
47377	157	158.5	1.50	v4

47378	158.5	160	1.50	v4
47379	160	161.5	1.50	v4
47380	161.5	162.5	1.00	v4
47381	162.5	163.7	1.20	v4
47382	163.7	164.2	0.50	v4 + bt + tr
47383	164.2	165.2	1.00	v4
47384	165.2	165.5	0.30	v4 + bt + tr
47385	165.5	167	1.50	v4
47386	167	168.5	1.50	v4
47387	168.5	170	1.50	v4
47388	170	171.5	1.50	v4
47389	171.5	172.9	1.40	v4
47390	172.9	173.9	1.00	v4 + ca str + bt + tr
47391	173.9	174.55	0.65	v4 + ca str + bt + tr
47392				Quarter Cut of previous sample
47393	174.55	175.1	0.55	v4
47394	175.1	176.1	1.00	v4
47395				Coarse Reject of previous sample
47396	176.1	177	0.90	v4 + bt + tr
47397	177	177.65	0.65	s6 + chert + sil + py + po + sph + tr pent
47398	177.65	178.4	0.75	s6, fractured
47399	178.4	179.5	1.10	s6
47400	179.5	180.4	0.90	s6
47401	180.4	181.35	0.95	s6 + py + po
47402				Blank
47403	181.35	182.3	0.95	s6gp + po + py + cpy
47404	182.3	183.55	1.25	s6 + po
47405	183.55	183.9	0.35	s6 + po + tr cpy
47406	183.9	184.95	1.05	s6 + po + tr cpy
47407	184.95	186.1	1.15	s6
47408	186.1	186.4	0.30	s6 + chert + po + cpy + ca str
47409	186.4	187.1	0.70	listwanite? + cr diopside + tr + bt + po
47410	187.1	187.7	0.60	s6 + s6gp + po + cpy
47411	187.7	188.1	0.40	qfp + s6 + chert + tr po
47412				Coarse Reject of previous sample
47413	188.1	189.1	1.00	s6, coarse grained + bt + chl + tr
47414	189.1	190.4	1.30	qfp + v4? + bt + tr
47415				Quarter Cut of previous samples
47416	190.4	191.05	0.65	qfp + v4 + bt + tr po
47417	191.05	192	0.95	v4 + bt
47418	192	193.4	1.40	v4 + bx + bt

47419	193.4	193.95	0.55	qfp
47420	193.95	194.5	0.55	v4
47421	194.5	195.5	1.00	v4
47422				Blank
47423	195.5	197	1.50	v4
47424	197	198.5	1.50	v4
47425	198.5	199.6	1.10	v4
47426	199.6	201	1.40	v4 + bt + tr + qz-ca-ab

RQD			Surimeau - Spring 2021		HOLE NO:SUR-21-15		PAGE: 3
FROM	TO	Length Core Run	Σ pieces >10cm	RQD %			
4	6	2	1.3	65.00			
6	9	3	2.3	76.67			
9	12	3	2	66.67			
12	15	3	2.4	80.00			
15	18	3	2.2	73.33			
18	21	3	2.6	86.67			
21	24	3	2.6	86.67			
24	27	3	2.5	83.33			
27	30	3	2.5	83.33			
30	33	3	2.9	96.67			
33	36	3	2.8	93.33			
36	39	3	2.7	90.00			
39	42	3	2.55	85.00			
42	45	3	2.2	73.33			
45	48	3	2.95	98.33			
48	51	3	2.3	76.67			
51	54	3	2.6	86.67			
54	57	3	2.95	98.33			
57	60	3	2.3	76.67			
60	63	3	3	100.00			
63	66	3	3	100.00			
66	69	3	3	100.00			
69	72	3	3	100.00			
72	75	3	3	100.00			
75	78	3	3	100.00			
78	81	3	2.8	93.33			
81	84	3	2.9	96.67			
84	87	3	2.8	93.33			
87	90	3	3	100.00			
90	93	3	2.7	90.00			
93	96	3	2.8	93.33			

96	99	3	3	100.00
99	102	3	3	100.00
102	105	3	2.9	96.67
105	108	3	3	100.00
108	111	3	3	100.00
111	114	3	2.4	80.00
114	117	3	3	100.00
117	120	3	3	100.00
120	123	3	2.55	85.00
123	126	3	2.35	78.33
126	129	3	2.7	90.00
129	132	3	2.6	86.67
132	135	3	2.9	96.67
135	138	3	3	100.00
138	141	3	2.9	96.67
141	144	3	3	100.00
144	147	3	3	100.00
147	150	3	3	100.00
150	153	3	2.95	98.33
153	156	3	3	100.00
156	159	3	2.95	98.33
159	162	3	3	100.00
162	165	3	2.9	96.67
165	168	3	2.8	93.33
168	171	3	3	100.00
171	174	3	2.8	93.33
174	177	3	2.6	86.67
177	180	3	2.3	76.67
180	183	3	2.1	70.00
183	186	3	2.9	96.67
186	189	3	2.8	93.33
189	192	3	2.6	86.67
192	195	3	2.8	93.33
195	198	3	3	100.00
198	201	3	3	100.00

Box Lengths			Surimeau - Spring 2021			HOLE NO:SUR-21-15			PAGE: 5	
DDH	Box Number	From m	To m	Box Length	DDH	Box Number	From m	To m	Box Length	
SUR-21-15	1	4	8.45	4.45						
SUR-21-15	2	8.45	12.8	4.35						
SUR-21-15	3	12.8	16.95	4.15						
SUR-21-15	4	16.95	21.3	4.35						
SUR-21-15	5	21.3	25.6	4.3						
SUR-21-15	6	25.6	29.75	4.15						
SUR-21-15	7	29.75	34.05	4.3						
SUR-21-15	8	34.05	38.4	4.35						
SUR-21-15	9	38.4	42.65	4.25						
SUR-21-15	10	42.65	47	4.35						
SUR-21-15	11	47	51.15	4.15						
SUR-21-15	12	51.15	55.65	4.5						
SUR-21-15	13	55.65	59.9	4.25						
SUR-21-15	14	59.9	64.1	4.2						
SUR-21-15	15	64.1	68.3	4.2						
SUR-21-15	16	68.3	72.55	4.25						
SUR-21-15	17	72.55	77.15	4.6						
SUR-21-15	18	77.15	81.25	4.1						
SUR-21-15	19	81.25	85.35	4.1						
SUR-21-15	20	85.35	89.8	4.45						
SUR-21-15	21	89.8	93.9	4.1						
SUR-21-15	22	93.9	98	4.1						
SUR-21-15	23	98	102.3	4.3						
SUR-21-15	24	102.3	106.6	4.3						
SUR-21-15	25	106.6	111.8	5.2						
SUR-21-15	26	111.8	115.2	3.4						
SUR-21-15	27	115.2	119.5	4.3						
SUR-21-15	28	119.5	123.65	4.15						
SUR-21-15	29	123.65	127.95	4.3						
SUR-21-15	30	127.95	132.1	4.15						
SUR-21-15	31	132.1	136.5	4.4						

SUR-21-15	32	136.5	140.85	4.35
SUR-21-15	33	140.85	145.15	4.3
SUR-21-15	34	145.15	149.5	4.35
SUR-21-15	35	149.5	153.7	4.2
SUR-21-15	36	153.7	158	4.3
SUR-21-15	37	158	162.25	4.25
SUR-21-15	38	162.25	165.5	3.25
SUR-21-15	39	165.5	170.8	5.3
SUR-21-15	40	170.8	175	4.2
SUR-21-15	41	175	179.35	4.35
SUR-21-15	42	179.35	183.35	4
SUR-21-15	43	183.35	187.55	4.2
SUR-21-15	44	187.55	191.7	4.15
SUR-21-15	45	191.7	195.95	4.25
SUR-21-15	46	195.95	200.25	4.3
SUR-21-15	47	200.25	201	0.75
EOH				

Minroc Management

Project:		Surimeau - Spring 2021
Hole Number:		**SUR-21-16**
Units of Measurement:		Metres
Location	**NTS Sheet:**	
	Township:	
	Claim No:	
	Grid:	
	Easting:	
	Northing:	
	Elevation:	363
GPS Co-ordinates:	**Zone:**	17U
(if applicable)	**Datum:**	NAD83
	Easting:	698352
	Northing:	5328350
Collar Dip:		-45
Collar Azimuth:		180
Hole Length:		284
Core Size:		NQ
Recovery (%)		92.44
Logged By:		Francis Newton
Date:	**Start:**	11-Apr-21
	Finish:	12-Apr-21
Drilled by:		SMP Drilling
Date:	**Start:**	10-Apr-21
	Finish:	11-Apr-21

	INCLINATION TESTS			
	DEPTH	**DIP**	**AZIMUTH**	(RAW)
Mag	**COLLAR**	-45.0	180.0	
54934	18	-45.21	182.97	194.97
54435	69	-44.93	181.76	193.76
55441	120	-45.16	182.94	194.94
54887	171	-44.88	186.28	198.28
54924	222	-43.83	186.97	198.97
54874	273	-42.37	188.45	200.45

Comments
Collared appx. Equidistant between PROP1 and PROP 1011. Undercut VIC-90-2 & 3 (moderate Zn mineralization, no Ni assays)
QA/QC info
Blank 1: Appalache Valley Pierre Decorative Stone
Standard-1: GEOSTATS GMB300-10C email : pjh@geostats.com.au

Minroc Management

FROM	TO	LITHO	Desc	Angle TCA
0	**4.2**	**OB**	**Overburden**	
4.2	**22.9**	**S3**	**Dark grey, layered quartz-biotite with local garnet, fine grained meta-sediments. Local sericitized cordierite porphyroblasts. Constant foliated parallel to bedding. 1% ribonned quartz veins 1-2cm.**	**70**
Structure				
4.5	12	Q-AB-MS	qz-ab veinlets, conc to fol, coarse ms, possibly pegmatitic? Approx. 1% through interval	
10.1	10.2	QZ-AB	irregular discordant qz-ab veinlets with coarse bt in alteration halo around veinlets	
11.8	11.85	AB	irregular ab veinlet, conc to fol, bt fragments within vein	80
Alteration				
4.2	22.9	BT	weak biotitization throughout	
13.4	13.45	BT, TR, CHL	greenish, strong tremolite overprint (amphibolized), coarse grained, coarse bt, traces of chlorite	
17.85	17.88	BT, TR, CHL	greenish, strong tremolite overprint (amphibolized), coarse grained, coarse bt, traces of chlorite, possibly a lamprophyre?	
19.55	19.7	BT, TR, CHL	greenish, strong tremolite overprint (amphibolized), coarse grained, coarse bt, traces of chlorite	
Mineralization				
20	21	PY	trace fine to med py in narrow qz stringers conc to fol	75
22.9	**114.9**	**V4**	**Grey to green. Fine grain and foliated assemblage of fibrous pyroxene or amphibole with minor carbonate. Replacement of massive finely granular to cumulate komatiite flows showing minor flow top breccia over 0.3 metres intervals associated with serpentinisation crack patterns. PO, trace, sub-millimetric randomly disseminated over metric intervals. Gradual upper contact from sediments to ultramafics, weak foliation continues to 24.4m**	
Structure				
22.9	24.4	FOLIATION	weakly foliated / banded with biotite and tremolite?	80
30.15	30.45	BLOCKY	blocky core	
51.5	52.5	BLOCKY	blocky core	
51.5	52.5	MUD GOUGE	blocky core with chlorite mud in a gouge , very sharp lower contact	
63.6	63.65	QV	2-3 cm crystalline qv with whispy margins	
66.65	69	QZ-CA	15% qz-calcite veinlets/stringers, en echelon at 70deg TCA	

77.4	89.7	XENO	occasional 5-10mm anhedral black xenoliths, smaller xenoliths have darker coronas while the larger xenoliths have more irregular margins
90.3	99.2	XENO	occasional 5-10mm anhedral black xenoliths, smaller xenoliths have darker coronas while the larger xenoliths have more irregular margins
99.2	100.1	QZ-CA	15% qz-calcite veinlets/stringers, en echelon at 70deg TCA, no xenoliths present in this band
100.1	111.75	XENO	occasional 5-30mm anhedral black xenoliths, smaller xenoliths have darker coronas while the larger xenoliths have more irregular margins
114	114.15	BLOCKY	blocky core
Alteration			
29.1	31.2	BT, TR, DI	Green, fine grained unoriented Fe tremolite-biotite assemblage in gradual upper contact. Very strong biotitization, Green, med to coarse crystallized diopside (up to 5mm), Cr bearing. Foliation outlined by biotite, irregular.
31.2	33.3	BT, TR	Green, fine grained unoriented Fe tremolite-biotite assemblage. Weak to mod biotitization
48	50.3	BT, TR	Green, fine grained unoriented Fe tremolite-biotite assemblage. Weak to mod biotitization
51.5	52.5	BT	mod to strong biotitization within blockiness
51.3	51.4	CHL	chlorite mud within gouge
69	72	BT, TR	Green, fine grained unoriented Fe tremolite-biotite assemblage. Weak to mod biotitization
89.7	90.3	AB, PX, TR, CA, TOUR	Coarse grained, weakly calicified, possible schiller effect due to presence of pyroxene?, albitized, rare 1-3mm tourmaline crystals, rare cr-diopside crystals (1-5mm), fine disseminated sulfide
90.3	93.25	CARB, TR, BT	whispy carbonate, grey colour, fine traces of tremolite and biotite
99.2	100.1	TR,BT,CARB	Green, fine grain Fe tremolite-biotite unoriented assemblage. Calcite veining and replacement, fine to med biotite stringes/veinlets. Roughly oriented 75deg TCA
108.15	1058.6	TR,BT,CARB	Green, fine grain Fe tremolite-biotite unoriented assemblage. Calcite veining and replacement, fine to med biotite stringes/veinlets. Roughly oriented 75deg TCA
114	114.65	TR,BT,CARB	Green, fine grain Fe tremolite-biotite unoriented assemblage. Calcite veining and replacement, corresponding to volcanic breccia area, fine to med biotite stringers/veinlets. Roughly oriented 75deg TCA
114.85	114.9	TR,BT,CARB	Green, fine grain Fe tremolite-biotite unoriented assemblage. Calcite veining and replacement, corresponding to volcanic breccia area, fine to med biotite stringers/veinlets. Roughly oriented 75deg TCA
Mineralization			
89.7	90.3	PO, PENT	PO, 1-3%, 1-2mm fine crystals, unevenly disseminated, trace pentlandite? XRF: 900ppm Ni
93	93.25	PENT?	No visible sulfide, XRF scan returned 300ppm Ni
94.55	97.3	PO, PENT	PO, trace to 3%, 1-3mm fine crystals, unevenly disseminated, trace pentlandite. XRF scans return up to 0.2-0.5% Ni, 300ppm Cu. Rare 2-3mm po clots.

99.2	100.1	PO	PO, trace to 2%, 1-3mm fine crystals, unevenly disseminated	
114.9	**126.15**	**S3**	**Dark grey to black, fine to medium grained partly recrystallized siltstone to sandstone, all graphite bearing showing preserved grading and bedding at the 0.3 to 1m scale. Local graphitic mudstone. Main graphitic and pyrite bearing layers from 119.7-120m, 120.8-121.6m, 122.55-124.85m. Regular bedding orientation. Feldspar-mica assemblage with more minor quartz, mostly visible in sandstone. Trace to 2% fine disseminated pyrite background.**	**80**
Structure				
121.15	121.25	S3	coarse grained sandstone bed, no graphite	
119.7	120	CARB	fine carb fractures/stringers around sulfides in graphitic mudstone layer	
120.8/	121.6	CARB	fine carb fractures/stringers around sulfides in graphitic mudstone layer	
122.55	124.85	CARB	fine carb fractures/stringers around sulfides in graphitic mudstone layer	
Alteration				
124.85	125.9	PLAG, CALC-SI, BT, TR	grey to brownish, fine to med grained texture, coarse bt, quartz, plagioclase bt and occasional 5cm bands of tremolite, Plagioclase matrix with Cr diopside-Cr tremolite with occasional Cr grossular	
Mineralization				
118.2	119.7	PO, CPY	PO, 2-3%, 1-3mm fine crystals, unevenly disseminated, trace cpy. XRF 0.1% Cu	
119.7	120	PO, SPH, CPY	5% Po, 2-3% Sph and trace to 1% Cpy in graphitic mudstone layer, fine to coarse (1-5mm) sulfide stringers and fractures. XRF: 0.3% Zn	
120	120.8	PO	PO, 1-2%, 1-3mm fine stringers and clots, unevenly disseminated	
120.8	121.6	PO,SPH	5-10%, PO, pyrrhotite millimetric stringers, Sphalerite millimetric grains alongside po	
121.6	122.55	PO	PO, 1-2%, 1-3mm fine stringers and clots, unevenly disseminated XRF: 200ppm Pd	
122.55	124.85	PO, SPH, CPY, Py	5-7% Po,Py, 2-3% Sph and trace to 1% Cpy in graphitic mudstone, fine to coarse (1-5mm) sulfide stringers and fractures, rare nodules. XRF values: 0.2% Zn, 0.06% Ni, Cu 0.03%, Pd 200ppm, Cd 200ppm in multiple areas. Co 0.1% at 124.65	
126.15	**130.85**	**V4**	**Grey to green. Fine grain and foliated assemblage of fibrous pyroxene or amphibole with minor carbonate. Replacement of massive finely granular to cumulate komatiite flows showing minor flow top breccia.**	
Alteration				
126.15	130.85	TR, BT	Green, fine to coarse grained unoriented Fe tremolite-biotite assemblage.	
Mineralization				
126.15	130.85	PO	PO, trace to 2%, 1-3mm fine crystals, unevenly disseminated	

130.85	**133.85**	**S3**	**Dark grey to black, fine to medium grained partly recrystallized siltstone to sandstone, all graphite bearing showing preserved grading and bedding at the 0.3 to 1m scale. Local graphitic mudstone. Main graphitic and pyrite bearing layers from 131.05-131.5m, and from 132.05-133.45m. Regular bedding orientation. Occasional 1-3cm chert beds.**	**75**
Structure				
131.9	132.05	BLOCKY	blocky core	
133.45	133.85	BLOCKY	blocky core, mixed sediments and ulderlying ultramafics	
131.05	131.5	CARB	fine carb fractures/stringers around sulfides in graphitic mudstone layer	
Alteration				
131.05	131.2	CALC-SI	Green, fine to medium grain (1-2mm). Plagioclase matrix with Cr diopside-Cr tremolite with occasional Cr grossular. Hosting 5% plagioclase veins stringers of varied orientation. Pyrrhotite bearing.	
Mineralization				
130.85	131.05	PO	PO, 1-2%, 1-3mm fine stringers and clots, unevenly disseminated	
131.05	131.5	PO,SPH	5-10%, PO, pyrrhotite millimetric stringers, Sphalerite millimetric grains alongside po, XRF values up to 1.3% Zn	
131.5	132.05	PO, PY, SPH, CPY	Med to coarse clots of Po, Py, Sph and traces of cpy and pentlandite in fine grained siltstone, fine to coarse (1-5mm) sulfide stringers and fractures.	
132.05	133.45	PO, SPH, CPY, PY	3-5% sulfide overall, primarily PO with rare retrograde pyride, traces of sph and cpy. Occasional disseminations but mineralization mainly as 1-5mm stringers at 90deg TCA	
133.85	**153.45**	**V4**	**Grey to green. Fine grain and foliated assemblage of fibrous pyroxene or amphibole with minor carbonate. Replacement of massive finely granular to cumulate komatiite flows showing minor flow top breccia.**	
Structure				
137.15	138.5	XENO	occasional 5-10mm anhedral black xenoliths, smaller xenoliths have darker coronas while the larger xenoliths have more irregular margins	
152.2	152.45	BLOCKY	blocky core	
Alteration				
133.85	138	TR,BT, CARB	Green, fine grain Fe tremolite-biotite unoriented assemblage. Calcite veining and pervasiveness throughout.	
138	141.2	CARB	wispy Calcite veining and pervasiveness throughout.	
144.7	145.35	QZ-AB, BT, TR	fine 2-3mm qz-ab veinlets/stringers in various orientations with med to coarse bt-tr along vein walls	

146.2	146.95	BT, TR	Dark brown-black, strong biotite replacement, massive	
150.1	153.45	TR,BT,CARB	Green, fine grain Fe tremolite-biotite unoriented assemblage. Calcite veining and replacement	
Mineralization				
133.85	137.3	PO	PO, 1-2%, 1-3mm fine stringers and clots, unevenly disseminated, XRV values up to 0.2% Ni	
137.3	153.45	PO	PO, trace to 2%, 1-2mm fine crystals, unevenly disseminated	
153.45	**170**	**S3**	**Dark grey, layered quartz-biotite with local garnet, fine grained meta-sediments. Local sericitized cordierite porphyroblasts. Constant foliation parallel to bedding. 1% ribonned quartz veins 1-2cm.**	**75**
Structure				
157.2	157.6	QZ	irregular 1-3cm white qz veinlets and fragments within sediments. Coarse clotty po within veining.	
169	169.05	BLOCKY	blocky core	
169.6	169.7	BLOCKY	blocky core	
Alteration				
153.45	153.95	SIL, CARB	Grey-brown, weak to mod sil, qz-ca alongside frequent sulfide stringers. occasional 1-3cm chert beds at top of unit	
153.95	158.1	CALC-SI, BT TR	Green, fine to medium grain (1-2mm). Plagioclase matrix with Cr diopside-Cr tremolite with occasional Cr grossular. 1-4mm bt crystals throughout	
158.1	159.8	MS	muscovite crystals throughout, approx 50% or more of rock	
161.2	170	AL-SIL, BT	blue-grey al-silicate crystals present throughout, vary from 1-10mm in size, crystals often elongated in direction of foliation/bedding. Fine 1-3mm bt crystals around and along al-silicate crystals	75
163	166	GARNET-BT	large 3-15mm irregular brown garnet or staurolite? crystals retrograding to biotite	
166.5	166.75	BT	very strong biotitization, coarse bt	80
Mineralization				
153.45	153.95	PO, PY, SPH, CPY, PENT	5% Po, 2-3% Sph and trace to 1% Penth, trace Cpy in fine grained siltstone, fine to coarse (1-5mm) sulfide stringers and fractures. XRF: 1.3% Zn, 0.2% Ni, 0.03% Cu, 0.02% Pd, 0.03% Cd, 0.01% Sn	
153.95	157.2	PO	PO, trace to 2%, 1-2mm fine crystals and stringers, unevenly disseminated	
157.2	157.6	PO	PO, 1-3% 3-5mm coarse crystals within qz veinlets	
157.6	159.8	PO, MT	PO, trace to 2%, 1-2mm fine crystals and stringers, unevenly disseminated, finely disseminated Magnetite	
169	16.1	PY	fine py stringers along thin discordant fractures	

170	**177**	**S3**	**Dark blue-grey, layered quartz-biotite with local garnet, fine grained meta-sediments. Local sericitized cordierite porphyroblasts. Constant foliation parallel to bedding, at vertical to sub-vertical. 1% ribonned quartz veins <1cm. Frequent clots of coarse muscovite.**	**85**
Structure				
170.5	175.2	BLOCKY	blocky core, good recovery but frequent breaks along bedding/folation	
170.95	171.1	QV	whit qv, blocky, discordant at approx 60deg TCA	60
Alteration				
170	170.7	GP	thin graphite laminations at approx 80deg TCA, fine py stringers along bedding	80
171.1	177	MS	muscovite, coarse clots (1-5mm)	
Mineralization				
170	170.7	PY	thin py stringers (1-3mm) along bedding in thin graphitic mudstone laminations	
170.7	177	PY	PY, trace to 1%, 1-2mm fine stringers, unevenly distributed	
177	**284**	**S3**	**Dark grey, layered quartz-biotite with local garnet, fine grained meta-sediments. Local sericitized cordierite porphyroblasts. Constant foliated parallel to bedding. 1% ribonned quartz veins 1-2cm. Cordierite is absent from 210-228 m . Zone of qfp from 249.15-254.9 m with sharp margins concordant to fol.**	**80**
Structure				
104.95	105.35	QV	white qv, irregular but sharpish margins	
192.15	192.7	QV	white qv, irregular but sharpish margins	
197.65	197	QV	grey--brown qv, weak chloritization around qv	
208.85	209	QV	white qv, irregular but sharpish margins	
209.2	209.35	QV	white qv, irregular but sharpish margins	
211.35	211.4	QV	white qv, irregular but sharpish margins	
219	222.9	QZ-AB-CA	numerous qz-ab-ca stringers at various oritentations	
242.5	242.8	QV	Large 30 cm QV with whispy margins roughly conc to fol at 80 deg TCA. Ca fracture fills and albite blebs. Few flakes of po	
247.9	248.05	QV	Smoky quartz vein sharp margins at 60- 70 deg TCA trace py	60
249.15	254.9	BLOCKY	Qfp is generally blocky	
249.15	254.9	QFP	band of qfp with sharp margins conc to fol	
253	254	QZ-AB	downhole qz-ab vein 2-3 cm wide , whispy margins, chlorite fragments and med py/ po within. This vein is within the band of qfp	
260.5	261.6	QZ-CA	qz-ca stringers within zone of mod biotitization and tremolite	
269.7	274.65	QZ-CA	qz-ca stringers in various oritentations	
274.3	274.65	QZ-AB	Few 1-3 cm qz-ab vein conc to fol at 80 deg TCA	
281.75	281.85	QFP	narrow band of qfp, sharp margins conc to fol trace py	

Alteration

177	284	BT	weak biotitization throughout, mod to strong bt alt 210.1-210.65m - bt bands conc to fol	85
179	209.7	AL-SIL	clusters of blue-grey al-silicate crystals present throughout, vary from 1-10mm in size, crystals often elongated in direction of foliation/bedding. Fine 1-3mm bt crystals around and along al-silicate crystals. Largest clusters 193-194m, 207-208.3m.	
178.1	179.35	GARNET-BT	large 2-10mm irregular brown garnet or staurolite? crystals retrograding to biotite	
197.65	197	CHL	grey--brown qv, weak chloritization around qv	
236.1	239	TREMO	narrow green bands with tremolite and biotite along foliation	
249.15	254.9	SIL	Silification within the qfp	
260.5	261.6	TREMO	Greenish weak to mod tremolite alt	
260.8	261.5	BT	mod to patchy strong biotitization	
269.7	274.65	AB	few narrow bands of weak albitization	

Mineralization

177	182	PY	PY, trace, 1-2mm fine stringers and crystals, unevenly distributed
191	192	PY	PY, trace, 1mm crystals, unevenly distributed
208.85	209.35	PY	PY, trace, 1-4mm clots and crystals along margins of quartz veining
219	222.9	PY	PY , trace fine grains in zone with qz-ca-ab stringers
249.15	254.9	PY	1-2 % fine to med diss py within band of qfp
249.15	254.9	PO	1-2 % fine to med diss po within band of qfp
269.7	274.65	PY	1-3 % fine to med diss py with qz-ca stringers

SAMPLES			Surimeau - Spring 2021				HOLE NO:SUR-21-16		PAGE: 4	
Sample	From m	To m	Length	DESCRIPTION						
47427	4.5	6	1.50	s6 + qz-ms veinlet						
47428	6	7.5	1.50	s6						
47429	7.5	9	1.50	s6						
47430	9	10.5	1.50	s6 + qv						
47431	10.5	12	1.50	s6 + qv						
47432	12	13.5	1.50	s6 + lamprophyre						
47433	13.5	15	1.50	s6						
47434	15	16.5	1.50	s6						
47435	16.5	18	1.50	s6 + lamprophyre						
47436	18	19.5	1.50	s6						
47437	19.5	21	1.50	s6						
47438	21	22	1.00	s6						
47439	22	22.9	0.90	s6						
47440	22.9	24.4	1.50	v4 + bt, contact zone						
47441	24.4	25.5	1.10	v4 + bt						
47442				Quarter Cut of previous sample						
47443	25.5	27	1.50	v4 + bt						
47444	27	28	1.00	v4						
47445				Coarse Reject of previous sample						
47446	28	29.1	1.10	v4 + bt						
47447	29.1	30	0.90	v4 + strong bt						
47448	30	31.2	1.20	v4 + str bt + hb + blocky						
47449	31.2	32.2	1.00	v4 + bt						
47450	32.2	33.3	1.10	v4 + bt						
47451	33.3	34.5	1.20	v4						
47452			1.50	Blank						
47453	34.5	36	1.50	v4						
47454	36	37.5	0.00	v4						
47455				Standard						
47456	37.5	39	0.00	v4						
47457	39	40.5	0.00	v4						
47458	40.5	42	0.00	v4						
47459	42	43.5	0.00	v4						
47460	43.5	45	1.50	v4						
47461	45	46.5	1.50	v4						
47462				Coarse Reject of previous sample						

47463	46.5	48	1.50	v4
47464	48	49.5	1.50	v4+bt
47465				Quarter Cut of previous samples
47466	49.5	51	1.50	v4
47467	51	51.5	0.50	v4
47468	51.5	52.5	1.00	v4 blocky+ bt+ chl mud
47469	52.5	54	1.50	v4
47470	54	55.5	1.50	v4
47471	55.5	57	1.50	v4
47472				Blank
47473	57	58.5	1.50	v4
47474	58.5	60	1.50	v4
47475	60	61.5	1.50	v4
47476	61.5	63	1.50	v4+ qv
47477	63	64.5	1.50	v4
47478	64.5	66	1.50	v4+bt
47479	66	67.5	1.50	v4+ qz-ca +bt
47480	67.5	69	1.50	v4+ qz-ca +bt
47481	69	70.5	1.50	v4+bt
47482	70.5	72	1.50	v4
47483	72	73.5	1.50	v4
47484	73.5	75	1.50	v4
47485	75	76.5	1.50	v4
47486	76.5	78	1.50	v4
47487	78	79.5	1.50	v4
47488	79.5	81	1.50	v4
47489	81	82.5	1.50	v4
47490	82.5	84	1.50	v4
47491	84	85.5	1.50	v4
47492				Quarter Cut of previous sample
47493	85.5	87	1.50	v4
47494	87	88.5	1.50	v4
47495				Coarse Reject of previous sample
47496	88.5	89.7	1.20	v4
47497	89.7	90.3	0.60	v4 + ca + ab + px + po + tr pent
47498	90.3	91.5	1.20	v4
47499	91.5	93	1.50	v4
47500	93	94.5	1.50	v4 + ca + ab + px + tr po
47501	94.5	96	1.50	v4 + po + tr pent
47502			0.00	Blank
47503	96	97.5	1.50	v4

47504	97.5	99	1.50	v4
47505	99	100.1	1.10	v4 + tr + bt + ca
47506	100.1	101.2	1.10	v4
47507	101.2	102	0.80	v4
47508	102	103.5	1.50	v4
47509	103.5	105	1.50	v4
47510	105	106.5	1.50	v4
47511	106.5	108	1.50	v4
47512				Coarse Reject of previous sample
47513	108	109	1.00	v4 + ca + bt + tr
47514	109	110.5	1.50	v4 + ca + bt + tr
47515				Quarter Cut of previous samples
47516	110.5	112	1.50	v4
47517	112	113	1.00	v4
47518	113	114	1.00	v4
47519	114	114.9	0.90	v4 + bt + ca + bx
47520	114.9	116	1.10	s6
47521	116	117	1.00	s6
47522				Blank
47523	117	118.2	1.20	s6
47524	118.2	119.7	1.50	s6 + s6gp + py + po + ca
47525	119.7	120.8	1.10	s6 + s6gp + py + po + ca
47526	120.8	121.6	0.80	s6 + s6gp + py + po + ca
47527	121.6	122.55	0.95	s6 + s6gp + py + po + ca
47528	122.55	124	1.45	s6 + s6gp + py + po + ca
47529	124	124.85	0.85	s6 + s6gp + py + po + ca
47530	124.85	126.15	1.30	s6 + bt
47531	126.15	127.5	1.35	v4 + bt
47532	127.5	129	1.50	v4
47533	129	130	1.00	v4
47534	130	130.85	0.85	v4 + bt + tr
47535	130.85	132	1.15	s6 + s6gp + py + po + ca
47536	132	133.45	1.45	s6 + s6gp + py + po + ca
47537	133.45	133.85	0.40	s6 + v4 mix, blocky
47538	133.85	135	1.15	v4 + bt + tr
47539	135	136.5	1.50	v4
47540	136.5	138	1.50	v4
47541	138	139.5	1.50	v4
47542				Quarter Cut of previous sample
47543	139.5	141	1.50	v4
47544	141	142.5	1.50	v4

47545				Coarse Reject of previous sample
47546	142.5	143.7	1.20	v4
47547	143.7	144.7	1.00	v4
47548	144.7	145.35	0.65	v4 + bt + tr
47549	145.35	146.2	0.85	v4
47550	146.2	146.95	0.75	v4 + bt + tr
47551	146.95	148	1.05	v4
47552			1.00	Blank
47553	148	149	1.10	v4
47554	149	150.1	0.90	v4
47555	150.1	151	1.20	v4 + bt + tr + ca
47556	151	152.2	1.20	v4 + bt + tr + ca
47557	152.2	153.45	1.20	v4 + bt + tr + ca
47558	153.45	154.55	1.20	s6 + ca + po + sil/chert + tr sph
47559	154.55	155	1.20	s6 + sil/chert + bt + po, py
47560	155	156.4	1.40	s6 + bt
47561	156.4	157.3	0.90	s6 + sil/chert + bt + tr + ca + po,py
47562				Coarse Reject of previous sample
47563	157.3	158.1	0.80	s6 + bt + qz-ab + py + po
47564	158.1	159	0.90	s6 + bt + ms + po
47565				Quarter Cut of previous samples
47566	159	159.8	0.80	s6 + bt + ms + po
47567	159.8	161	1.20	s6
47568	161	162	1.00	s6 + al-sil
47569	162	163.5	1.50	s6 + al-sil + garnet retrograding to bt
47570	163.5	165	1.50	s6 + al-sil + garnet retrograding to bt
47571	165	166.5	1.50	s6 + al-sil
47572				Blank
47573	166.5	168	1.50	s6 + al-sil + bt
47574	168	169.5	1.50	s6 + al-sil + rare py str
47575	169.5	170	0.50	s6 + bt
47576	170	171.1	1.10	s6 + py str + blocky + qv
47577	171.1	172.5	1.40	s6 + tr py + ms
47578	172.5	174	1.50	s6 + tr py + ms
47579	174	175.5	1.50	s6 + tr py + ms
47580	175.5	177	1.50	s6
47581	177	178.5	1.50	s6
47582	178.5	180	1.50	s6
47583	180	181.5	1.50	s6
47584	181.5	183	1.50	s6
47585	183	184	1.00	s6

47586	184	184.95	0.95	s6
47587	184.95	185.35	0.40	qv
47588	185.35	186.5	1.15	s6
47589	186.5	188	1.50	s6
47590	188	189.5	1.50	s6
47591	189.5	191	1.50	s6
47592				Quarter Cut of previous sample
47593	191	192.15	1.15	s6
47594	192.15	192.7	0.55	qv
47595				Coarse Reject of previous sample
47596	192.7	194	1.30	s6
47597	194	195.5	1.50	s6
47598	195.5	197	1.50	s6
47599	197	198	1.00	s6 + qz-ab
47600	198	199.5	1.50	s6
47601	199.5	201	1.50	s6
47602				Blank
47603	201	202.5	1.50	s6
47604	202.5	204	1.50	s6
47605			0.00	Standard
47606	204	205.5	1.50	s6
47607	205.5	207	1.50	s6
47608	207	208.5	1.50	s6
47609	208.5	209.5	1.00	s6 + qz + py + po + bt
47610	209.5	211	1.50	s6 + bt
47611	211	212	1.00	s6 + qv
47612				Coarse Reject of previous sample
47613	212	213.5	1.50	s6
47614	213.5	215	1.50	s6
47615				Quarter Cut of previous samples
47616	215	216	1.00	s6
47617	216	217.5	1.50	s6
47618	217.5	219	1.50	s6
47619	219	220.5	1.50	s6+ qz-ca-ab stringers
47620	220.5	222	1.50	s6+ qz-ca-ab stringers
47621	236	237.5	1.50	s6+ tremo bands
47622				Blank
47623	237.5	239	1.50	s6+ tremo bands
47624	239	240.5	1.50	s6+ tremo bands
47625	240.5	242	1.50	s6+ tremo bands
47626	242	243	1.00	s6+ large qv+ trace po

47627	243	244.5	1.50	s6
47628	244.5	246	1.50	s6
47629	246	247.5	1.50	s6+5 cm qfp
47630	247.5	248.5	1.00	s6+qv+ py
47631	248.5	249.15	0.65	s6
47632	249.15	250.65	1.50	qfp +py+ po
47633	250.65	252	1.35	qfp +py+ po
47634	252	253	1.00	qfp +py+ po
47635	253	254	1.00	qfp +py+ po+ qz ab vein
47636	254	254.9	0.90	qfp +py+ po
47637	254.9	256	1.10	s6+py
47638	256	257.5	1.50	s6
47639	257.5	259	1.50	s6 + tremo
47640	259	260.5	1.50	s6
47641	260.5	262	1.50	s6+hb +bt+ qz-ca str
47642				Quarter Cut of previous sample
47643	262	263	1.00	s6
47644	263	264	1.00	s6
47645				Coarse Reject of previous sample
47646	264	265.5	1.50	s6
47647	265.5	267	1.50	s6
47648	267	268.5	1.50	s6
47649	268.5	270	1.50	s6+ qz-ca+py
47650	270	271.5	1.50	s6+ qz-ca+py
47651	271.5	273	1.50	s6+qz-ca str+ qz-ab vein + py
47652			1.50	Blank
47653	273	274.5	1.50	s6+qz-ca str+ qz-ab vein + py
47654	274.5	276	1.50	s6
47655	276	277.5	1.50	s6+ qv
47656	277.5	279	1.50	s6
47657	279	280.5	1.50	s6
47658	280.5	282	1.50	s6+ qv+ qfp (15 cm)
47659	282	283	1.50	s6
47660	283	284	1.00	s6

RQD			Surimeau - Spring 2021		HOLE NO:SUR-21-16		PAGE: 3
FROM	TO	Length Core Run	Σ pieces >10cm	RQD %			
4.2	6	1.8	0.8	44.44			
6	9	3	2.5	83.33			
9	12	3	2.6	86.67			
12	15	3	2.6	86.67			
15	18	3	2.65	88.33			
18	21	3	2.85	95.00			
21	24	3	2.3	76.67			
24	27	3	2.9	96.67			
27	30	3	2.8	93.33			
30	33	3	2.4	80.00			
33	36	3	3	100.00			
36	39	3	3	100.00			
39	42	3	2.9	96.67			
42	45	3	2.9	96.67			
45	48	3	3	100.00			
48	51	3	2.4	80.00			
51	54	3	2.1	70.00			
54	57	3	3	100.00			
57	60	3	2.9	96.67			
60	63	3	2.4	80.00			
63	66	3	3	100.00			
66	69	3	2.85	95.00			
69	72	3	3	100.00			
72	75	3	3	100.00			
75	78	3	3	100.00			
78	81	3	3	100.00			
81	84	3	2.9	96.67			
84	87	3	3	100.00			
87	90	3	3	100.00			
90	93	3	3	100.00			
93	96	3	3	100.00			

96	99	3	3	100.00	
99	102	3	3	100.00	
102	105	3	3	100.00	
105	108	3	3	100.00	
108	111	3	2.7	90.00	
111	114	3	2.9	96.67	
114	117	3	2.9	96.67	
117	120	3	2.9	96.67	
120	123	3	2.9	96.67	
123	126	3	2.75	91.67	
126	129	3	2.75	91.67	
129	132	3	2.6	86.67	
132	135	3	2.2	73.33	
135	138	3	2.75	91.67	
138	141	3	3	100.00	
141	144	3	2.9	96.67	
144	147	3	3	100.00	
147	150	3	3	100.00	
150	153	3	2.2	73.33	
153	156	3	2.8	93.33	
156	159	3	2.8	93.33	
159	162	3	2.7	90.00	
162	165	3	2.9	96.67	
165	168	3	3	100.00	
168	171	3	2.2	73.33	
171	174	3	2.2	73.33	
174	177	3	2.6	86.67	
177	180	3	2.9	96.67	
180	183	3	2.8	93.33	
183	186	3	2.8	93.33	
186	189	3	2.9	96.67	
189	192	3	2.9	96.67	
192	195	3	2.8	93.33	
195	198	3	3	100.00	
198	201	3	3	100.00	
201	204	3	3	100.00	
204	207	3	2.9	96.67	
207	210	3	3	100.00	
210	213	3	3	100.00	
213	216	3	2.9	96.67	1.2

216	219	3	2.9	96.67	
219	222	3	2	66.67	
222	225	3	2.1	70.00	
225	228	3	2.2	73.33	
228	231	3	2.6	86.67	
231	234	3	2.4	80.00	
234	237	3	2.6	86.67	
237	240	3	2.5	83.33	
240	243	3	2.6	86.67	
243	246	3	2.85	95.00	1.5
246	249	3	2.4	80.00	
249	252	3	2.7	90.00	
252	255	3	2.2	73.33	
255	258	3	2.65	88.33	
258	261	3	2.5	83.33	
261	264	3	2.3	76.67	
264	267	3	2.6	86.67	
267	270	3	2.2	73.33	
270	273	3	2.6	86.67	
273	276	3	2.85	95.00	
276	279	3	2.7	90.00	
279	282	3	2.7	90.00	
282	284	2	1.1	55.00	
EOH					

Box Lengths			Surimeau - Spring 2021			HOLE NO:SUR-21-16			PAGE: 5	
DDH	Box Number	From m	To m	Box Length	DDH	Box Number	From m	To m	Box Length	
SUR-21-16	1	4.2	8.25	4.05						
SUR-21-16	2	8.25	12.65	4.4						
SUR-21-16	3	12.65	17	4.35						
SUR-21-16	4	17	21.3	4.3						
SUR-21-16	5	21.3	25.7	4.4						
SUR-21-16	6	25.7	30	4.3						
SUR-21-16	7	30	34.25	4.25						
SUR-21-16	8	34.25	38.7	4.45						
SUR-21-16	9	38.7	42.9	4.2						
SUR-21-16	10	42.9	47.3	4.4						
SUR-21-16	11	47.3	51.4	4.1						
SUR-21-16	12	51.4	55.6	4.2						
SUR-21-16	13	55.6	60	4.4						
SUR-21-16	14	60	64.4	4.4						
SUR-21-16	15	64.4	68.65	4.25						
SUR-21-16	16	68.65	72.85	4.2						
SUR-21-16	17	72.85	77.2	4.35						
SUR-21-16	18	77.2	81.4	4.2						
SUR-21-16	19	81.4	85.4	4						
SUR-21-16	20	85.4	90.25	4.85						
SUR-21-16	21	90.25	94.55	4.3						
SUR-21-16	22	94.55	98.85	4.3						
SUR-21-16	23	98.85	103.15	4.3						
SUR-21-16	24	103.15	107.4	4.25						
SUR-21-16	25	107.4	111.75	4.35						
SUR-21-16	26	111.75	116	4.25						
SUR-21-16	27	116	120.25	4.25						
SUR-21-16	28	120.25	124.4	4.15						
SUR-21-16	29	124.4	128.7	4.3						
SUR-21-16	30	128.7	133	4.3						
SUR-21-16	31	133	137	4						

SUR-21-16	32	137	141.2	4.2
SUR-21-16	33	141.2	145.5	4.3
SUR-21-16	34	145.5	149.7	4.2
SUR-21-16	35	149.7	153.95	4.25
SUR-21-16	36	153.95	158.4	4.45
SUR-21-16	37	158.4	162.6	4.2
SUR-21-16	38	162.6	166.75	4.15
SUR-21-16	39	166.75	171	4.25
SUR-21-16	40	171	175.2	4.2
SUR-21-16	41	175.2	179.45	4.25
SUR-21-16	42	179.45	183.8	4.35
SUR-21-16	43	183.8	188.2	4.4
SUR-21-16	44	188.2	192.45	4.25
SUR-21-16	45	192.45	196.8	4.35
SUR-21-16	46	196.8	201.15	4.35
SUR-21-16	47	201.15	205.5	4.35
SUR-21-16	48	205.5	209.8	4.3
SUR-21-16	49	209.8	214.2	4.4
SUR-21-16	50	214.2	218.6	4.4
SUR-21-16	51	218.6	222.9	4.3
SUR-21-16	52	222.9	227.2	4.3
SUR-21-16	53	227.2	231.45	4.25
SUR-21-16	54	231.45	235.9	4.45
SUR-21-16	55	235.9	240.2	4.3
SUR-21-16	56	240.2	244.65	4.45
SUR-21-16	57	244.65	248.9	4.25
SUR-21-16	58	248.9	252.9	4
SUR-21-16	59	252.9	257.35	4.45
SUR-21-16	60	257.35	261.7	4.35
SUR-21-16	61	261.7	266	4.3
SUR-21-16	62	266	270.25	4.25
SUR-21-16	63	270.25	274.65	4.4
SUR-21-16	64	274.65	279	4.35
SUR-21-16	65	279	283.3	4.3
SUR-21-16	66	283.3	284	0.7

Minroc Management

Project:		Surimeau - Spring 2021
Hole Number:		**SUR-21-17**
Units of Measurement:		Metres
Location	**NTS Sheet:**	
	Township:	
	Claim No:	
	Grid:	
	Easting:	
	Northing:	
	Elevation:	358
GPS Co-ordinates:	**Zone:**	17U
(if applicable)	**Datum:**	NAD83
	Easting:	698809
	Northing:	5328296
Collar Dip:		-45
Collar Azimuth:		180
Hole Length:		300
Core Size:		NQ
Recovery (%)		91.90
Logged By:		Francis Newton
Date:	**Start:**	12-Apr-21
	Finish:	14-Apr-21
Drilled by:		SMP Drilling
Date:	**Start:**	11-Apr-21
	Finish:	13-Apr-21

	INCLINATION TESTS				
	DEPTH	**DIP**	**AZIMUTH**	(RAW)	**Comments**
Mag	**COLLAR**	-45.0	180.0		
55172	18	-45.64	178.46	190.46	Collared appx. Equidistant between PROP1 and PROP 1011. Undercut VIC-90-2 & 3 (moderate Zn mineralization, no Ni assays)
54636	69	-45.15	179.03	191.03	
54470	120	-45.12	181.83	193.83	
54590	177	-42.6	184.99	196.99	
54694	228	-42.14	187.7	199.7	
54868	279	-42.07	189.95	201.95	

QA/QC info

Blank 1: Appalache Valley Pierre Decorative Stone

Standard-1: GEOSTATS GMB300-10C email : pjh@geostats.com.au

Minroc Management

FROM	TO	LITHO	Desc	Angle TCA
0	**4.2**	**OB**	**Overburden**	
4.2	**27**	**S3**	**Dark grey, layered quartz-biotite with local garnet, fine grained meta-sediments. Local sericitized cordierite porphyroblasts. Constant foliation parallel to bedding. 1% ribonned quartz veins 1-2cm.**	**60**
Structure				
8.5	9	BLOCKY	blocky core	
9.9	10.2	QV	narrow qv's, 2-5cm, conc to fol, fine clots of po within veins	
25.5	26	BLOCKY	blocky core	
Alteration				
4.2	27	BT	weak to mod biotitization throughout	
4	8	AL-SIL, BT	blue-grey al-silicate crystals present throughout, vary from 1-10mm in size, crystals often elongated in direction of foliation/bedding. Fine 1-3mm bt crystals around and along al-silicate crystals	
11	11.25	CHL	greenish, mod chloritization	
14.4	15	BT, TR, CHL	greenish, strong tremolite overprint (amphibolized), coarse grained, coarse bt, traces of chlorite	
19.35	19.5	TR, CHL	greenish, strong tremolite overprint (amphibolized), coarse grained, traces of chlorite	
Mineralization				
9.9	10.2	PO	PO, trace, 2-4mm crystals in qv	
27	**58.7**	**S3**	**Dark grey, layered quartz-biotite with local garnet, fine grained meta-sediments. Local sericitized cordierite porphyroblasts. Constant foliation parallel to bedding. 1% ribonned quartz veins 1-2cm. Same sediments as above but presence of meter-scale bands of albitized-silicified sediments, verging on QFP? Narrow graphitic beds 57.6-58.25m.**	**75**
Structure				
28.7	28.8	QZ-AB	irregular greenish qz-ab vein, discordant to fol, clotty bt along vein walls	
29.75	30	QV	irregular white qv with fragments of albitized sediments / qfp within vein, fragments are rounded	
36.7	38	BLOCKY	blocky core	
38.9	39.05	BLOCKY	blocky core	
41.5	41.55	QZ-AB-MS	qz-ab veinlet with coarse ms, conc to fol	

47	48.7	BLOCKY	blocky core	
48.15	48.65	QV	blue-grey qv, heavily fractured along bedding at 60deg TCA. Fractures weakly sericitized and contain fine tremolite.	
57.6	58.25	BLOCKY	blocky core	
Alteration				
27	58.7	BT	weak to mod biotitization throughout	
27	27.65	AB - SIL	Albitized, weak sil, sediments, 1-4mm qz-ab phenos throughough (30%), biotite along foliaiton	75
30	30.2	AB - SIL	Albitized, weak sil, sediments, 1-4mm qz-ab phenos throughough (30%), biotite along foliaiton	
33	34.2	AB - SIL	Albitized, weak sil, sediments, 1-4mm qz-ab phenos throughough (30%), biotite along foliaiton	
35	36.1	AB - SIL	Albitized, weak sil, sediments, 1-4mm qz-ab phenos throughough (30%), biotite along foliaiton	
47.8	48	AB - SIL	Albitized, weak sil, sediments, 1-4mm qz-ab phenos throughough (30%), biotite along foliaiton	
48.15	48.65	SIL, BT, TR, SER	grey-bluish, qv's fractured along bedding, fractures weakly sericitized, contain fine tremolite and bt	
50.1	52.55	AB	whispy bluish albitization throughout sediments	
52.55	53.1	BT	strong to very strong biotitization	
53.1	53.9	BT, TR, CHL	greenish, strong tremolite overprint (amphibolized), coarse grained, coarse bt, traces of chlorite	
57.6	58.25	GRAPHITE	narrow 1-5cm graphitic mudstone beds within interval, foliation 65-70deg TCA	70
Mineralization				
27	48	PY	trace fine to med py in narrow qz stringers conc to fol	
48	48.65	PY	PY, trace, fine 1-2mm stringers and crystals	
53.9	57.6	PY	PY, trace to 1%, fine 1-2mm stringers and crystals	
57.6	58.7	PY, SPH	PY 1-2%, SPH trace to 1%, fine 1-2mm stringers and crystals, strongest in graphitic mudstone beds	
58.7	**109.6**	**V4**	**Grey to green. Fine grain and foliated assemblage of fibrous pyroxene or amphibole with minor carbonate. Replacement of massive finely granular to cumulate komatiite flows showing minor flow top breccia over 0.3 metres intervals associated with serpentinisation crack patterns. Very strongly biotitized and shallow foliation 76.4-91.15m. Calc-silicate enriched from 106.25-109.6m, well mineralized with Pentlandite, Pyrrhotite and Sphalerite.**	
Structure				

62	62.7	BLOCKY	blocky core	
63	63.7	BLOCKY	blocky core	
67.35	68.3	BLOCKY	blocky core	
69	69.75	BLOCKY, GRND	blocky core, 9 inch grind	
77.5	78	BLOCKY	blocky core	
85.3	85.6	BLOCKY	blocky core	
85.6	87	S3	narrow bed of strongly biotitized sediment	
88.7	89.15	BLOCKY	blocky core	
99.95	100.25	S3	narrow bed of strongly biotitized sediment	
Alteration				
58.7	60.15	BT, TR	Green, fine to medium grained unoriented Fe tremolite-biotite assemblage. Weak to mod biotitization	
61.85	64	BT, TR	Green, fine to medium grained unoriented Fe tremolite-biotite assemblage. Weak to mod biotitization	
67.35	69.75	BT, TR	Green, fine to medium grained unoriented Fe tremolite-biotite assemblage. Weak to mod biotitization	
76.4	85.6	BT,TR	Green, med to coarse grained, oriented Fe tremolite-biotite assemblage. Strong to very strong biotitization, mod to strong foliation at 45deg TCA.	45
84.4	85.35	MS	coarse stringers and clots of muscovite	
85.6	87	BT	very strong biotitization in bed of sediments	
87	91.15	BT,TR	Green, med to coarse grained, oriented Fe tremolite-biotite assemblage. Strong to very strong biotitization, mod to strong foliation at 45deg TCA.	45
91.15	93	BT	Mod biotitization	
93	98	BT,TR	Green, fine to medium grained unoriented Fe tremolite-biotite assemblage. Mod biotitization	
98	99.95	BT,TR	Green, fine grained unoriented Fe tremolite-biotite assemblage, weak biotitization	
99.95	100.25	BT, AB	mod to strong biotitization, weak albitization	
102	102.2	CALCITE	wispy Calcite veining and pervasiveness throughout.	
103.45	104.1	BT	Brown, fine grained, unoriented Fe biotite assemblage. Mod biotitization.	
105.8	106.1	BT	Brown, fine grained, unoriented Fe biotite assemblage. Mod biotitization.	
106.25	109.6	CALC-SI	Green, fine to medium grain (1-2mm). Plagioclase matrix with Cr diopside-Cr tremolite with occasional Cr grossular. Pyrrhotite bearing.	
Mineralization				
66.35	67	PO	PO, trace, 1-3mm fine crystals, unevenly disseminated	
76.4	80.2	PO	PO, trace, 1-3mm fine crystals, unevenly disseminated	
80.2	82.1	PO, PY	PO+PY, trace to 1%, 1-3mm fine stringers and crystals, unevenly diseeminated	
82.1	88.4	PO	PO, trace, 1-3mm fine crystals, unevenly disseminated	
98	99.95	PO	PO, trace to 1%, 1-3mm fine crystals, unevenly disseminated	

101	106.25	PO	PO, trace to 1%, 1-3mm fine crystals, unevenly disseminated	
106.25	106.25	PO, SPH, PENT, CPY	5-10% Sulfide overall, primarily pyrrhotite and sphalerite with traces of pentlandite and chalcopyrite in fine to coarse stringers or bands. XRF values: 0.4% Ni, 2.35% Zn, 0.13% Cu, 0.17% Co	
109.6	**117**	**S6**	**Dark grey to black, fine to medium grained partly recrystallized siltstone to sandstone, all graphite bearing showing preserved grading and bedding. Local graphitic mudstone. Main graphitic and pyrite bearing layers from 109.6-111.25m and 115.1-116.15m. Regular bedding orientation. Feldspar-mica assemblage with more minor quartz, mostly visible in sandstone. Trace to 2% fine disseminated po background.**	**45**
Alteration				
111.95	112.5	PLAG, SI	Grey to bluish, suggary fine grained texture, quartz, plagioclase. Limited by a coarser reactive sandstone or wacke.	
112.5	117	BT	dark grey, med grained, mod biotitization	
Mineralization				
109.6	111.25	PO, SPH, CPY	PO 5-10%, SPH trace, CPY trace, 1-5mm fine to med crystals and sedimentary nodules, trace sphalerite and cpy occasionally along po	
111.25	117	PO	PO, trace to 2%, 1-3mm fine stringers and clots, unevenly disseminated	
117	**242.35**	**S3**	**Dark grey, layered quartz-biotite-muscovite, fine to medium grained meta-sediments. Constant foliation parallel to bedding. 1% ribonned quartz veins 1-2cm. Foliation gradually steepens from 60deg TCA at top to subvertical**	
Structure				
117.05	117.6	BLOCKY	blocky core	
125.3	125.35	QV	5cm white qv, sharp margins, concordant to foliation. Mod to strong biotitization around vein.	
131.3	131.7	BLOCKY	blocky core	
151.45	151.5	QV	greyish-brown qv, sharp margins, discordant at 90deg TCA. Coarse bt and fragments of sediment within vein.	
162.15	162.5	BLOCKY	blocky core	
166.1	166.3	QZ-AB	white qz-ab vein, ab has a greenish hue to it. Sharp but irregular vein walls, discordant at 90deg TCA. Fine bt along vein walls.	
159.55	221.5	LAMPROPHYRE	possible lamprophyre dykes? Dark green in colour, soft, very sharp margins, chl-hb-tr alteration, occasional coarse chloritized fragments elongated along foliation. Irregular distribution. Vary in size from <5cm to 35cm. Largest one from 159.55-159.9m. Become less frequent with depth.	
176.3	176.6	BLOCKY	blocky core	

179.55	179.6	CHERT	narrow brownish chert bands, sharp margins, concordant, bedding at 80	80
196	196.1	QZ-AB-CHERT-EP-TR	brownish-grey-gren band of qz-ab-chert-epiodite, weakly bedded at 90deg TCA, clotty green epidote? and tremolite, fine to med clots of py	
199.7	200.9	I3	Green, coarsely crystallized gabbro: 3-4mm hornblende, pyroxene in a plagioclase matrix. Orthocumulate texture relic, undeformed. Sharp upper and lower contacts, pervasive tremolite+biotite alteration in replacement of the magmatic mineralogy	
213.95	214.55	QV	white qv, sharp upper and lower contacts, clots of chl-bt altered sediments within vein	
Alteration				
117	242.35	BT	weak to mod biotitization throughout, locally mod to strong (ex: 119.2-120.55m, 125-126.3m, 132.15-133.7m).	
117	118.5	MS	pale grey-blue colour, 10-15% muscovite present in sediments	
119	120	AL-SIL	blue-grey al-silicate crystals present throughout, vary from 1-10mm in size, crystals often elongated in direction of foliation/bedding. Fine 1-3mm bt crystals around and along al-silicate crystals	
121.2	122.25	AL-SIL	brown al-silicate crystals, possibly staurolite? Vary from 2-5mm in size, irregular orientation, sometimes follow narrow qz and qz-ca fractures/stringers conc to bedding/foliation	65
124	129	AL-SIL	cluster of blue-grey al-silicate crystals present throughout, vary from 1-10mm in size, crystals often elongated in direction of foliation/bedding. Fine 1-3mm bt crystals around and along al-silicate crystals	
131	131.8	AB, MS	weak whispy albitization and muscovite present, pale blue colour overall	
131.8	132.15	BT, TR	greenish, tremolite and biotite along foliation	
135	139.3	AL-SIL, MS	cluster of blue-grey al-silicate crystals present throughout, vary from 1-10mm in size, crystals often elongated in direction of foliation/bedding. Fine 1-3mm bt crystals around and along al-silicate crystals, patchy cluster of fine to med grained muscovite	
136	136.9	AL-SIL	brown al-silicate crystals, possibly staurolite? Vary from 2-5mm in size, irregular orientation, sometimes follow narrow qz and qz-ca fractures/stringers conc to bedding/foliation. Approx 1% overall in interval	
159.5	207.25	CHL-TR-HB	possible lamprophyre dykes? Dark green in colour, soft, very sharp margins, chl-hb-tr alteration, occasional coarse chloritized fragments elongated along foliation. Irregular distribution. Vary in size from <5cm to 35cm. Large from 159.55-159.9m.	
187	189.8	AB, SIL	mod to strong silicification or albitization, fine grained, dark grey-blue colour, nearly resembles quartzite, gradual upper and lower contacts.	
193.25	194	AL-SIL	cluster of blue-grey al-silicate crystals present throughout, vary from 1-10mm in size, crystals often elongated in direction of foliation/bedding. Fine 1-3mm bt crystals around and along al-silicate crystals	
195.7	197.7	SIL-AB	weak to mod whispy sil and albitization, dark grey-blue colour overall	
200.9	204.8	AB-SIL	frequent 5-10cm bands of strong albitization, give a greenish-blue hue, hard, generally contain 1-3mm qz-ab veinlets along margins.	

203.45	203.7	AB-BT	mod to strong albitization and biotitization in narrow band, sharp margins, 85deg TCA.	85
206	206.5	TR-BT	narrow green bands with tremolite and biotite along foliation	85
211.5	213	GARNET	small 1-2mm pinkish garnets? Isometric (rhombododecahedron).	
212.8	213	AL-SIL	brown al-silicate crystals, possibly staurolite? Vary from 2-5mm in size, irregular orientation, sometimes follow narrow qz and qz-ca fractures/stringers conc to bedding/foliation. Approx 1% overall in interval	
225.15	225.25	AB, SIL	mod to strong silicification or albitization, fine grained, dark grey-blue colour, resembles qfp, gradual upper and lower contacts.	
226.05	226.15	AB, SIL	mod to strong silicification or albitization, fine grained, dark grey-blue colour, resembles qfp, gradual upper and lower contacts.	
232.5	223.85	AL-SIL	clusters of blue-grey al-silicate crystals present throughout, vary from 1-10mm in size, crystals often elongated in direction of foliation/bedding. Fine 1-3mm bt crystals around and along al-silicate crystals	
234.6	234..7	AB, SIL	mod to strong silicification or albitization, fine grained, dark grey-blue colour, resembles qfp, gradual upper and lower contacts.	
238.75	239	AB	weak to mod whispy albitization, dark grey-blue colour overall	
Mineralization				
118.5	120.8	PY, PO	PY+PO, trace, 1-2mm fine crystals and clots, unevenly distributed	
128.5	131.8	PY	PY, trace, 1mm crystals, unevenly distributed	
169.9	175..7	PY	PY, trace to 1%, 1-2mm fine stringers and crystals, unevenly distributed	
175.7	194.7	PY	PY, trace to 3%, 1-4mm fine stringers and crystals, unevenly distributed	
194.7	195.7	PY, PO	PY+PO, trace to 2%, 1-2mm fine crystals and clots, unevenly distributed	
195.7	196.3	PY	PY, 2-5%, 1-4mm fine to med crystals, unevenly distributed, within qv / band of sil	
196.3	206.6	PY, PO	PY+PO, trace to 2%, 1-2mm fine crystals and clots, unevenly distributed	
209.5	242.35	PY	PY+PO, trace, 1-2mm fine crystals and clots, unevenly distributed, generally elongated along bedding/foliation	85
242.35	**291.8**	**M21A**	**Coarse grained, massive, meta-granite, blue-grey-pinkish colour, approx 35% k-feldspar, 35% quartz and 30% biotite. Grains 1-3mm in size. Frequent white and pink-white quartz veins ranging from 1-15cm thick generally following joints at 75deg TCA. Rare dark grey-green mafic bands (dyke or sill?). Bulk of the granite ends at 291m , few narrow bands seen up to 291.8 m. Dark grey sediments with weak foliation at 80-90 deg TCA. The granites are noticably kspar deficient from 285m within and around the sediments**	
Structure				
242.35	242.9	QV	white qv in contact between overlying sediments and underlying granite?	
245.15	246.15	BLOCKY	blocky core	
249.65	250	BLOCKY	blocky core	
258.05	258.15	MAFIC	fine to med grained mafic dyke or sill? Sharp margins, weakly albitized and biotitized	

259.5	259.55	QV	dark grey, vitreous smoky qv, fine fractures, vein oriented 85deg TCA. Clots of chl within vein	85
259.9	259.1	QZ-AB	1cm qz-ab vein oriented 35deg TCA, kspar alt around vein in surrounding rock.	35
263.75	263.8	QV	dark grey, vitreous smoky qv, fine fractures, vein oriented 85deg TCA. Weak kspar alt along vein margins	
265.25	265.3	QZ-KSPAR	5cm pink qz-kspar vein oriented 75 deg TCA	75
271.3	271.35	QZ-KSPAR	5cm pink qz-kspar vein oriented 75 deg TCA	75
272.8	273	QV	dark grey, vitreous smoky qv, fine fractures, vein oriented 50deg TCA.trace py within	
275.75	275.8	QZ-AB	whispy qz-ab rough margins at 60-75 deg tCA	75
280.6	281.05	QZ-AB	QZ-ab, sharp margins at predominatly at 60-75 deg TCA , small 1cm clot of sulfide, XRF: 0.2% Pb, 0.8% Zn, 100ppm W. Small 1-3mm red crystal, soft, Zn-bearing mineral? Surrounded by sphalerite	75
282.4	282.6	QZ-AB	whispy qz-ab, irregular margins at 60-75 deg tCA	75
285.1	285.15	QZ-AB	white qv with sharp irregular margins with some py and po within	75
286.6	286.75	QV	dark grey, vitreous smoky qv, fine fractures, vein oriented 85deg TCA. Clots of chl within vein	
Alteration				
259.8	260.5	KSPAR	weak kspar alteration in rock surrounding 1cm qz-ab-bt vein	
285.2	287.7	AB	weak albitization	
Mineralization				
244.5	245.15	PY	PY, trace to 1%, 1-5mm crystals, unevenly distributed	
259.8	260.5	PY	PY, trace to 1%, 1-3mm fine stringers and crystals in and along qv	
267	285.2	PY	PYT, trace to 1% fine disseminated, ocassional fine stringers, ocassional coarse clots within QVs	
272.8	273	PO	trace fine to med po within rhe qv	
280.6	281.05	SPH, GAL, PY	QZ-ab , sharp margins at predominatly at 60-75 deg TCA , small 0.5-1cm clots of sulfide, XRF: 1.6% Zn, 0.2% Pb, 100ppm W.	
291.8	**300**	**S3**	**Dark grey, layered quartz-biotite, fine grained meta-sediments. Constant foliation parallel to bedding. <1% ribonned quartz veins 1-2cm. Frequent >2m grey qfp or granitoid veins without kspar.**	**85**
Structure				
286.35	285.2	QFP	grey qfp, coarse grained, 2-4mm qz-ab phenos + weak fabric outlined by biotite	75
286.6	286.7	QV	blue-greyish-purple qv, discordant to bedding/foliation, mm-scale fractures with fragments of chloritized and biotitized sediment, 1-2% py within fragments of sediment	
287.7	290.15	QFP	grey qfp, coarse grained, 2-4mm qz-ab phenos + weak fabric outlined by biotite	
290.8	291	QFP	grey qfp, coarse grained, 2-4mm qz-ab phenos + weak fabric outlined by biotite	

291	291.8	QFP, QV	frequqent 5-10mm qz veinlets, irregular contorted but roughly concordant to bedding, three 5-10cm qfp veins, concordant to foliation	80
294.6	294.75	QZ-AB	white, 5-10cm qz-ab vein, partially dissected by core, fine bt within vein. Sharp but irregular margins	
295.7	298.25	QFP QV	grey qfp, coarse grained, 2-4mm qz-ab phenos + weak fabric outlined by biotite. Irregular 0.5-7cm white qz-ab veins within qfp, fine bt within veins.	
Alteration				
291.8	300	BT	weak to mod biotitization throughout, locally mod to strong in bands of qfp	
290.35	290.8	AB	mod to strong albitization in sediments	
295.8	295.95	BT, TR	Green, fine to medium grained unoriented Fe tremolite-biotite assemblage. Weak to mod biotitization	

SAMPLES			Surimeau - Spring 2021		HOLE NO:SUR-21-17					PAGE: 4	
Sample	**From m**	**To m**	**Length**	**DESCRIPTION**	**Au g/t**						
47661	4	5.5	1.50	s6 + al-sil							
47662				Coarse Reject of previous sample							
47663	5.5	7	1.50	s6 + al-sil							
47664	7	8	1.00	s6 + al-sil							
47665				Quarter Cut of previous samples							
47666	8	9	1.00	s6 + qv + py/po + garnet							
47667	9	10.5	1.50	s6 + qv + po/py							
47668	10.5	12	1.50	s6							
47669	12	13.5	1.50	s6							
47670	13.5	15	1.50	s6 + tr							
47671	15	16.5	1.50	s6							
47672				Blank							
47673	16.5	18	1.50	s6							
47674	18	19.5	1.50	s6							
47675	19.5	21	1.50	s6							
47676	21	22.5	1.50	s6							
47677	22.5	24	1.50	s6							
47678	24	25.5	1.50	s6 + qv							
47679	25.5	27	1.50	s6 + bt							
47680	27	27.65	0.65	s6 + strong sil/ab + bt							
47681	27.65	29.15	1.50	s6 + ab-ca vein							
47682	29.15	29.75	0.60	s6							
47683	29.75	30.8	1.05	s6 + qv + qfp + qz							
47684	30.8	31.8	1.00	s6 + qz-ab							
47685	31.8	33	1.20	s6							
47686	33	34.2	1.20	qfp							
47687	34.2	35	0.80	s6 + qv + py							
47688	35	36.1	1.10	s6 + sil/ab + py							
47689	36.1	37.5	1.40	s6 + qv + bt							
47690	37.5	39	1.50	s6							
47691	39	40.5	1.50	s6							
47692				Quarter Cut of previous sample							
47693	40.5	42	1.50	s6 + qz-ms vein							
47694	42	43.5	1.50	s6							
47695				Coarse Reject of previous sample							
47696	43.5	45	1.50	s6							

47697	45	46.15	1.15	s6
47698	46.15	46.6	0.45	s6 + ab + ser
47699	46.6	47.8	1.20	s6
47700	47.8	48.65	0.85	s6 + ab + bt + qv-sil + chl
47701	48.65	50	1.35	s6
47702			1.10	Blank
47703	50	51.1	1.10	s6
47704	51.1	52.2	0.90	s6
47705	52.2	53.1	0.80	s6
47706	53.1	53.9	0.80	s6 + tr-chl-ab
47707	53.9	54.2	0.80	s6
47708	54.2	55	0.80	s6 + dendritic texture
47709	55	56.5	0.80	s6
47710	56.5	57.6	1.10	s6
47711	57.6	58.25	0.65	s6 + s6gp + py-po str
47712				Coarse Reject of previous sample
47713	58.25	58.7	0.45	s6 + bt
47714	58.7	60	1.30	v4 + bt + tr
47715				Quarter Cut of previous samples
47716	60	61	1.00	v4
47717	61	61.85	0.85	v4
47718	61.85	62.6	0.75	v4 + bt + tr
47719	62.6	64	1.40	v4
47720	64	65	1.00	v4
47721	65	66.35	1.35	v4
47722				Blank
47723	66.35	67.35	1.00	v4
47724	67.35	68.3	0.95	v4 + bt + tr
47725	68.3	69.75	1.45	v4 + bt + tr + 9 inch grind
47726	69.75	71	1.25	v4
47727	71	72.5	1.50	v4
47728	72.5	74	1.50	v4
47729	74	75.4	1.40	v4
47730	75.4	76.4	1.00	v4
47731	76.4	77.5	1.10	v4 + bt + tr
47732	77.5	79	1.50	v4 + bt + tr
47733	79	80	1.00	v4 + bt + tr
47734	80	81	1.00	v4 + bt + tr
47735	81	82.1	1.10	v4 + bt + tr
47736	82.1	83.5	1.40	v4 + bt + tr
47737	83.5	84.5	1.00	v4 + bt + tr

47738	84.5	85.6	1.10	v4 + bt + tr
47739	85.6	87	1.40	s6? + bt
47740	87	88.5	1.50	v4 + bt + tr
47741	88.5	90	1.50	v4 + bt + tr
47742				Quarter Cut of previous sample
47743	90	91.15	1.15	v4
47744	91.15	92.5	1.35	v4 + bt
47745				Coarse Reject of previous sample
47746	92.5	93.5	1.00	v4 + bt
47747	93.5	95	1.50	v4 + bt
47748	95	96.5	1.50	v4 + bt + tr
47749	96.5	98	1.50	v4 + bt
47750	98	99	1.00	v4 + bt
47751	99	99.95	0.95	v4
47752				Blank
47753	99.95	100.35	0.40	v4 + bt + ab
47754	100.35	101	0.65	v4
47755				Standard
47756	101	102	1.00	v4 + tr po
47757	102	103.5	1.50	v4
47758	103.5	105	1.50	v4 + bt
47759	105	106.25	1.25	v4 + bt + hb
47760	106.25	107.25	1.00	v4 calc sil + po + pn
47761	107.25	108.35	1.10	v4 calc sil + po + pn
47762				Coarse Reject of previous sample
47763	108.35	109.6	1.25	v4 calc sil + 3-5% po,pn,sph
47764	109.6	111	1.40	s6gp + op + py + sph + cpy
47765				Quarter Cut of previous samples
47766	111	112.5	1.50	s6 + py str + mt
47767	112.5	114	1.50	s6 + bt + po
47768	114	115	1.00	s6 + bt + po
47769	115	115.8	0.80	s6 + bt + po
47770	115.8	117	1.20	s6 + bt + po
47771	117	118.5	1.50	s6
47772				Blank
47773	118.5	120	1.50	s6
47774	120	121	1.00	s6
47775	121	122.5	1.50	s6 + brown al-sil
47776	122.5	124	1.50	s6
47777	124	125.5	1.50	s6 + bleu al-sil
47778	125.5	127	1.50	s6 + bt + brown al-sil

47779	127	128.5	1.50	s6
47780	128.5	130	1.50	s6
47781	130	131	1.00	s6
47782	131	131.8	0.80	s6 + ab-sil + bt
47783	131.8	132.5	0.70	s6 + bt
47784	132.5	134	1.50	s6
47785	134	135	1.00	s6
47786	135	136.5	1.50	s6
47787	136.5	138	1.50	s6
47788	138	139.5	1.50	s6
47789	151	152	1.00	s6 + qv
47790	159	160	1.00	s6 + chl-tr-hb dykes
47791	160	161.5	1.50	s6
47792				Quarter Cut of previous sample
47793	161.5	162.5	1.00	s6 + qz str
47794	162.5	164	1.50	s6 + chl-tr-hb dykes
47795				Coarse Reject of previous sample
47796	164	165	1.00	s6
47797	165	166	1.00	s6
47798	166	167	1.00	s6 + qz-ab vein
47799	167	168.5	1.50	s6
47800	168.5	169.9	1.40	s6
47801	169.9	171	1.10	s6 + tr py
47802				Blank
47803	171	172.5	1.50	s6 + tr py
47804	172.5	174	1.50	s6 + tr py
47805	174	175	1.00	s6 + tr py
47806	175	175.7	0.70	s6 + tr py
47807	175.7	177	1.30	s6 + ab tr py
47808	177	178.5	1.50	s6 + ab + py + chl-hb-tr dykes
47809	178.5	179.5	1.00	s6 + ab + py + chl-hb-tr dykes
47810	179.5	181	1.50	s6 + ab + py + chl-hb-tr dykes + chert beds
47811	181	182.5	1.50	s6
47812				Coarse Reject of previous sample
47813	182.5	184	1.50	s6
47814	184	185.5	1.50	s6
47815				Quarter Cut of previous samples
47816	185.5	187	1.50	s6
47817	187	188	1.00	s6 + sil-ab
47818	188	189	1.00	s6 + sil-ab
47819	189	189.8	0.80	s6 + sil-ab

47820	189.8	191	1.20	s6
47821	191	192.5	1.50	s6
47822				Blank
47823	192.5	194	1.50	s6
47824	194	195	1.00	s6
47825	195	195.7	0.70	s6 + ab-sil
47826	195.7	196.6	0.90	s6 + sil-ab + ser + tr + py + ep
47827	196.6	197.5	0.90	s6
47828	197.5	198.7	1.20	s6
47829	198.7	199.7	1.00	s6
47830	199.7	200.9	1.20	i3
47831	200.9	202	1.10	s6
47832	202	203	1.00	s6 + ab
47833	203	204	1.00	s6 + qfp?
47834	204	205	1.00	s6
47835	205	206.5	1.50	s6
47836	206.5	208	1.50	s6
47837	208	209.5	1.50	s6
47838	209.5	211	1.50	s6
47839	211	212	1.00	s6
47840	212	212.95	0.95	s6
47841	212.95	213.95	1.00	s6
47842				Quarter Cut of previous sample
47843	213.95	214.55	0.60	qv
47844	214.55	215.55	1.00	s6
47845				Coarse Reject of previous sample
47846	215.55	217	1.45	s6
47847	217	218.5	1.50	s6
47848	218.5	220	1.50	s6
47849	220	221.5	1.50	s6
47850	221.5	223	1.50	s6
47851	223	224.5	1.50	s6
47852				Blank
47853	224.5	225.5	1.00	s6 + qfp vein
47854	225.5	226.5	1.00	s6 + qfp vein
47855	226.5	228	1.50	s6
47856	228	229.5	1.50	s6
47857	229.5	231	1.50	s6
47858	231	232.5	1.50	s6
47859	232.5	234	1.50	s6
47860	234	235	1.00	s6 + qfp vein

47861	235	236.5	1.50	s6
47862				Coarse Reject of previous sample
47863	236.5	238	1.50	s6
47864	238	239	1.00	s6 + ab alt
47865				Quarter Cut of previous samples
47866	239	240	1.00	s6
47867	240	241.5	1.50	s6
47868	241.5	242.35	0.85	s6
47869	242.35	242.85	0.50	qv
47870	242.85	243.5	0.65	granite
47871	243.5	244.5	1.00	granite
47872				Blank
47873	244.5	246	1.50	granite
47874	246	247.4	1.40	granite
47875	247.4	248.5	1.10	granite + qv
47876	248.5	250	1.50	granite
47877	250	251.5	1.50	granite
47878	251.5	253	1.50	granite
47879	253	254.5	1.50	granite
47880	254.5	256	1.50	granite
47881	256	257.5	1.50	granite
47882	257.5	258.5	1.00	granite
47883	258.5	260	1.50	granite
47884	260	261.5	1.50	granite
47885	261.5	263	1.50	granite
47886	263	264.5	1.50	granite
47887	264.5	266	1.50	granite
47888	266	267.5	1.50	granite
47889	267.5	269	1.50	granite
47890	269	270.05	1.05	granite
47891	270.05	271.5	1.45	granite + kspar vein / halo + py + mafic fragments
47892				Quarter Cut of previous sample
47893	271.5	273	1.50	granite + py
47894	273	274.5	1.50	granite + py
47895				Coarse Reject of previous sample
47896	274.5	276	1.50	granite + qv + py
47897	276	277.5	1.50	granite
47898	277.5	279	1.50	granite
47899	279	280	1.00	granite
47900	280	281.05	1.05	granite + qv's
47901	281.05	282	0.95	granite

47902				Blank
47903	282	283	1.00	granite + qv
47904	283	284.5	1.50	granite
47905				Standard
47906	284.5	285.2	0.70	granite
47907	285.2	286.4	1.20	granite
47908	286.4	287	0.60	s6 + qv + granite/qfp
47909	287	287.7	0.70	s6
47910	287.7	289	1.30	granite
47911	289	290.15	1.15	granite
47912				Coarse Reject of previous sample
47913	290.15	291	0.85	s6 + granite + ab alt
47914	291	292.5	1.50	s6 + qz veinlet + granite vein
47915				Quarter Cut of previous samples
47916	292.5	293.6	1.10	s6
47917	293.6	294.6	1.00	s6
47918	294.6	295.7	1.10	s6 + qv + tr
47919	295.7	297	1.30	qfp + tr band
47920	297	298.25	1.25	qfp + qv + bt
47921	298.25	299.25	1.00	s6
47922				Blank
47923	299.25	300	0.75	s6

RQD			Surimeau - Spring 2021		HOLE NO:SUR-21-17		PAGE: 3
FROM	TO	Length Core Run	Σ pieces >10cm	RQD %			
4	6	2	1.4	70.00			
6	9	3	2.4	80.00			
9	12	3	2.2	73.33			
12	15	3	2.75	91.67			
15	18	3	2.5	83.33			
18	21	3	2.2	73.33			
21	24	3	2.8	93.33			
24	27	3	1.8	60.00			
27	30	3	2.3	76.67			
30	33	3	2.3	76.67			
33	36	3	21.6	720.00			
36	39	3	1.5	50.00			
39	42	3	2.6	86.67			
42	45	3	2.3	76.67			
45	48	3	1.7	56.67			
48	51	3	2.5	83.33			
51	54	3	1.9	63.33			
54	57	3	2.9	96.67			
57	60	3	2	66.67			
60	63	3	2.15	71.67			
63	66	3	2.3	76.67			
66	69	3	1.2	40.00			
69	72	3	2.4	80.00			
72	75	3	2.9	96.67			
75	78	3	1.7	56.67			
78	81	3	2.3	76.67			
81	84	3	2.5	83.33			
84	87	3	2.5	83.33			
87	90	3	2.3	76.67			
90	93	3	2.5	83.33			
93	96	3	2.8	93.33			

96	99	3	3	100.00
99	102	3	2.7	90.00
102	105	3	3	100.00
105	108	3	2.9	96.67
108	111	3	2.9	96.67
111	114	3	2.9	96.67
114	117	3	2.3	76.67
117	120	3	2.2	73.33
120	123	3	2.9	96.67
123	126	3	3	100.00
126	129	3	2.6	86.67
129	132	3	2.45	81.67
132	135	3	2.8	93.33
135	138	3	2.6	86.67
138	141	3	2.6	86.67
141	144	3	2.6	86.67
144	147	3	2.7	90.00
147	150	3	2.5	83.33
150	153	3	2.8	93.33
153	156	3	2.6	86.67
156	159	3	2.5	83.33
159	162	3	2.6	86.67
162	165	3	1.9	63.33
165	168	3	2.9	96.67
168	171	3	2.3	76.67
171	174	3	2.6	86.67
174	177	3	2.4	80.00
177	180	3	2.7	90.00
180	183	3	2.7	90.00
183	186	3	2.6	86.67
186	189	3	2.6	86.67
189	192	3	2.9	96.67
192	195	3	2.6	86.67
195	198	3	2.6	86.67
198	201	3	2.7	90.00
201	204	3	2.3	76.67
204	207	3	2.7	90.00
207	210	3	2.6	86.67
210	213	3	2.8	93.33
213	216	3	2.65	88.33

216	219	3	2.7	90.00
219	222	3	2.45	81.67
222	225	3	2.6	86.67
225	228	3	2.9	96.67
228	231	3	3	100.00
231	234	3	2.9	96.67
234	237	3	2.6	86.67
237	240	3	2.9	96.67
240	243	3	2.1	70.00
243	246	3	2.15	71.67
246	249	3	2.6	86.67
249	252	3	2.2	73.33
252	255	3	2.65	88.33
255	258	3	2.7	90.00
258	261	3	3	100.00
261	264	3	3	100.00
264	267	3	3	100.00
267	270	3	3	100.00
270	273	3	3	100.00
273	276	3	3	100.00
276	279	3	3	100.00
279	282	3	2.2	73.33
282	285	3	3	100.00
285	288	3	3	100.00
288	291	3	3	100.00
291	294	3	2.9	96.67
294	297	3	2.9	96.67
297	300	3	2.9	96.67

Box Lengths

Surimeau - Spring 2021 | HOLE NO:SUR-21-17 | PAGE: 5

DDH	Box Number	From m	To m	Box Length	DDH	Box Number	From m	To m	Box Length		
SUR-21-17	1	4	8.2	4.2							
SUR-21-17	2	8.2	12.4	4.2							
SUR-21-17	3	12.4	16.75	4.35							
SUR-21-17	4	16.75	21	4.25							
SUR-21-17	5	21	25.25	4.25							
SUR-21-17	6	25.25	29.6	4.35							
SUR-21-17	7	29.6	33.7	4.1							
SUR-21-17	8	33.7	38	4.3							
SUR-21-17	9	38	41.7	3.7							
SUR-21-17	10	41.7	45.8	4.1							
SUR-21-17	11	45.8	50.1	4.3							
SUR-21-17	12	50.1	54.45	4.35							
SUR-21-17	13	54.45	58.6	4.15							
SUR-21-17	14	58.6	62.85	4.25							
SUR-21-17	15	62.85	67.1	4.25							
SUR-21-17	16	67.1	71.75	4.65							
SUR-21-17	17	71.75	76	4.25							
SUR-21-17	18	76	80.2	4.2							
SUR-21-17	19	80.2	84.4	4.2							
SUR-21-17	20	84.4	88.4	4							
SUR-21-17	21	88.4	92.5	4.1							
SUR-21-17	22	92.5	96.6	4.1							
SUR-21-17	23	96.6	100.8	4.2							
SUR-21-17	24	100.8	105	4.2							
SUR-21-17	25	105	109.3	4.3							
SUR-21-17	26	109.3	113.6	4.3							
SUR-21-17	27	113.6	117.8	4.2							
SUR-21-17	28	117.8	122.2	4.4							
SUR-21-17	29	122.2	126.45	4.25							
SUR-21-17	30	126.45	130.8	4.35							
SUR-21-17	31	130.8	135	4.2							

SUR-21-17	32	135	139.3	4.3
SUR-21-17	33	139.3	143.55	4.25
SUR-21-17	34	143.55	147.8	4.25
SUR-21-17	35	147.8	152.15	4.35
SUR-21-17	36	152.15	156.35	4.2
SUR-21-17	37	156.35	160.55	4.2
SUR-21-17	38	160.55	164.7	4.15
SUR-21-17	39	164.7	168.8	4.1
SUR-21-17	40	168.8	173.2	4.4
SUR-21-17	41	173.2	177.35	4.15
SUR-21-17	42	177.35	181.6	4.25
SUR-21-17	43	181.6	185.9	4.3
SUR-21-17	44	185.9	190.1	4.2
SUR-21-17	45	190.1	194.3	4.2
SUR-21-17	46	194.3	198.65	4.35
SUR-21-17	47	198.65	202.9	4.25
SUR-21-17	48	202.9	207.25	4.35
SUR-21-17	49	207.25	211.55	4.3
SUR-21-17	50	211.55	215.9	4.35
SUR-21-17	51	215.9	220.1	4.2
SUR-21-17	52	220.1	224.4	4.3
SUR-21-17	53	224.4	228.7	4.3
SUR-21-17	54	228.7	233	4.3
SUR-21-17	55	233	237.25	4.25
SUR-21-17	56	237.25	241.5	4.25
SUR-21-17	57	241.5	245.6	4.1
SUR-21-17	58	245.6	249.85	4.25
SUR-21-17	59	249.85	253.6	3.75
SUR-21-17	60	253.6	257.9	4.3
SUR-21-17	61	257.9	262.15	4.25
SUR-21-17	62	262.15	266.55	4.4
SUR-21-17	63	266.55	270.75	4.2
SUR-21-17	64	270.75	275.05	4.3
SUR-21-17	65	275.05	279.35	4.3
SUR-21-17	66	279.35	283.55	4.2
SUR-21-17	67	283.55	287.85	4.3
SUR-21-17	68	287.85	292.05	4.2
SUR-21-17	69	292.05	296.45	4.4
SUR-21-17	70	296.45	300	3.55

Minroc Management

Project:	Surimeau - Spring 2021
Hole Number:	**SUR-21-18**
Units of Measurement:	Metres
Location	
NTS Sheet:	
Township:	
Claim No:	
Grid:	
Easting:	
Northing:	
Elevation:	354
GPS Co-ordinates: (if applicable)	
Zone:	17U
Datum:	NAD83
Easting:	696847
Northing:	5328263
Collar Dip:	-45
Collar Azimuth:	180
Hole Length:	411
Core Size:	NQ
Recovery (%)	93.18
Logged By:	Francis Newton
Date: Start:	14-Apr-21
Finish:	16-Apr-21
Drilled by:	SMP Drilling
Date: Start:	14-Apr-21
Finish:	16-Apr-21

	INCLINATION TESTS			
	DEPTH	**DIP**	**AZIMUTH**	(RAW)
Mag	**COLLAR**	-45.0	180.0	
55262	18	-49.99	180.69	192.69
54666	69	-49.13	181.46	193.46
54467	120	-48.85	182.24	194.24
54613	171	-48.46	182.89	194.89
55635	222	-48.06	181.07	193.07
55098	276	-48.13	180.96	192.96
54545	327	-47.19	184.64	196.64
54754	393	-44.93	185.93	197.93

Comments

Same section as SUR-21-06 and 07, meant to cover the width of strong mineralization seen visually.

QA/QC info

Blank 1: Appalache Valley Pierre Decorative Stone

Standard-1: GEOSTATS GMB300-10C email : pjh@geostats.com.au

Minroc Management

FROM	TO	LITHO	Desc	Angle TCA
0	**3.9**	**OB**	**Overburden**	
3.9	**30.15**	**S3**	**Dark grey, layered quartz-biotite-muscovite fine grain meta-sediments. Constant folliation parallel to bedding. 1-2% ribonned quartz veins 1-2cm. Gradual lower contact to underlying graphitic siltstone. Becomes dark-grey to black, fine grained and graphite bearing from 27.5m. Main graphitic and pyrite bearing layer from 25.5-30.15m. SAMPLE FOR AU**	**80**
Structure				
9.1	12	BLOCKY	blocky core	
18	20.5	BLOCKY	blocky core	
Alteration				
3.9	30.15	BT	weak to mod biotitization throughout, locally mod to strong in bands of qfp	
9	10.1	BT, TR	10-15cm bands of green, fine to medium grained unoriented Fe tremolite-biotite assemblage. Weak to mod biotitization	
22	25.5	AL-SIL	clusters of blue-grey al-silicate crystals present throughout, vary from 1-10mm in size, crystals often elongated in direction of foliation/bedding. Fine 1-3mm bt crystals around and along al-silicated crvstals	
27	27.5	AB, SIL	mod to strong silicification or albitization, fine grained, dark grey-blue colour, resembles quartzite. XRF scans have similar signatures to calc-sil ultramafics, XRF scans returns values of up to 0.08-0.1% Cr. 0.2% Ti and 0.2% Mn	
Mineralization				
24	24.05	PO	3-5mm po stringer along bedding	80
25.5	27	PO, PY	PO,PY, trace to 2%, 1-3mm fine crystals and stringers, unevenly disseminated	
27	27.5	PO, SPH	5% Po, 2-3% Sph quartzite/calc-silicate bed, fine to coarse (1-5mm) sulfide stringers and fractures. XRF 0.25% Zn	
27.5	30.15	PO, PY, SPH	PO,PY, SPH, trace to 3%, 1-3mm fine crystals and stringers, unevenly disseminated	
30.15	**50.9**	**S6gp**	**Graphitic mudstone, dark grey-black with pyrite and pyrrhotite stringers and sedimentary nodules. Black, fine to med grained, bedding at approx 70deg TCA. Mod mag throughout. sphalerite and pentlandite often within larger clots of po, traces of cpy. Occasional 5-10cm bands of ab-sil as above (resemble quartzite, same signature as ultramafics) 30.15-34.2m. XRF scans taken at multiple points through unit, values range from: 0.02-0.2% Ni, 0.2-4.5% Zn, 0.05-1.4% Cu, 200-300ppm As**	**80**

Structure			
31.1	31.2	BLOCKY	blocky core, ground, graphite-mud
33	36.7	BX, QZ-AB	possible micro-breccia? Very fine 1-2mm grey qz-ab stringers/fractures, randomly oriented within graphitic mudstone and around sulfide nodules and stringers
48	48.5	BLOCKY	blocky core, ground graphite mud, poor recovery
48.5	59.5	S3	bed of Dark grey, layered quartz-biotite-muscovite fine grain meta-sediments, mineralized the same as the graphitic mudstone
37.7	40	BX, QZ-AB	possible micro-breccia? Very fine 1-2mm grey qz-ab stringers/fractures, randomly oriented within graphitic mudstone and around sulfide nodules and stringers
42	44	BX	possible breccia? Fine 0.5-2cm square clasts within the sediment
Alteration			
30.45	30.55	CHERT	narow band of red-chert within graphitic mudstone
33	36.7	BX, QZ-AB	possible micro-breccia? Very fine 1-2mm grey qz-ab stringers/fractures, randomly oriented within graphitic mudstone and around sulfide nodules and stringers
33.6	33.7	AB, SIL	mod to strong silicification or albitization, fine grained, dark grey-blue colour, resembles quartzite. XRF scans have similar signatures to calc-sil ultramafics, XRF scans returns values of up to 0.08-0.1% Cr, 0.2% Ti and 0.2% Mn
34	34.2	AB, SIL	mod to strong silicification or albitization, fine grained, dark grey-blue colour, resembles quartzite. XRF scans have similar signatures to calc-sil ultramafics, XRF scans returns values of up to 0.08-0.1% Cr, 0.2% Ti and 0.2% Mn
37.7	40	BX, QZ-AB	possible micro-breccia? Very fine 1-2mm grey qz-ab stringers/fractures, randomly oriented within graphitic mudstone and around sulfide nodules and stringers
49	50	BT	weak biotitization in band of S3 sediments within the graphitic mudstone
Mineralization			
30.15	50.9	PO, PY, SPH, PENT, CPY	PO, PY, SPH, PENT, CPY, 10-15% sulfide overall, 1-25mm fine to coarse crystals ((clots and sedimentary nodules) and stringers, Sedimentary nodules often contain quartz, sphalerite and pentlandite often within larger clots of po, traces of cpy. Nodules are often circular/oval shaped with pyrite rims surrounding po-sph cores.
30.4	30.4	XRF scan	3-5cm po-pent nodule with pyrite rim: 0.16% Ni, 0.3% Zn, 200ppm Pd, 250ppm Cd, 150ppm Sn
38.85	38.85	XRF scan	2cm py-po,sph nodule with pyrite rim: 0.6% Zn
33	33	XRF scan	3cm po-sph nodule with pyrite rim: 0.15% Co, 0.2% Cu, 1.7% Zn, 300ppm As
33.8	33.8	XRF scan	5cm elongated sph nodule, 0.4% Zn
34	34	XRF scan	2cm po-pent-sph stringer, 0.2% Ni, 0.6% Zn, 0.2% Cu
34.5	34.5	XRF scan	4-5cm py-po nodule, elongated, 0.12% Co, 0.2% Cu, 4.5% Zn, 200ppm As, 200ppm Pd, 200ppm Cd
34.8	34.8	XRF scan	3cm py-po clot, 0.02% Ni, 0.6% Cu, 0.2% Zn

35.25	35.25	XRF scan	2cm po-sph nodule, 15.1% Zn, 0.3% Cu	
35.45	35.45	XRF scan	po-sph-pent stringer, 2cm thick, 0.15% Ni, 1.5% Zn, 1.4% Cu	
36.6	36.6	XRF scan	3cm elongated py-po nodule, 0.1% Cu, 1.4% Zn, 200ppm As	
38	38	XRF scan	3-4cm elongated nodule 0.5% Zn, Pd 210ppm, Cd 200ppm	
39.75	39.75	XRF scan	coarse 3cm stringer of sulfide, XRF 0.06% Ni, 1.52% Zn, 7% Cu, 200ppm Pd, 0.1% Pb, 0.1% Co	
40.4	40.4	XRF scan	3cm sulfide nodule, 0.2% Ni, 0.6% Cu, 1.3% Zn	
41.4	41.4	XRF scan	4cm sulfide nodule, 0.2% Ni, 0.5% Zn, 0.35% Cu, 0.02% Sn	
43.5	43.5	XRF scan	1m sph stringer, 2.7% Zn, 0.2% Cu	
45.6	45.6	XRF scan	2-3cm sulfide nodule, 3% Zn, 0.09% Ni, 0.2% Cu	
49.2	49.2	XRF scan	irregular py-po nodule, 400ppm Cu, 600ppm Zn, 150ppm As, 200ppm Pd, 200ppm Cd	
50.2	50.2	XRF scan	1cm py-po stirnger, 2.3% Zn, 0.1% Ni	
50.9	**55.25**	**S3**	**Dark grey, layered quartz-biotite-muscovite fine grain meta-sediments. Constant folliation parallel to bedding. 1-2% ribonned quartz veins 1-2cm. SAMPLE FOR AU**	**80**
Structure				
54.75	54.8	QZ-CA-AB	1cm qz-ca-ab veinlet, discordant to foliation/bedding at 40deg TCA. Rare clots of sulfide within veinlet	40
Alteration				
50.9	55.25	BT	weak to mod biotitization throughout	
Mineralization				
54.75	54.8	PY, CPY, PENT	1cm clot of cpy, py and trace pent. XRF: 1.36% Cu, 250ppm Ni	
55.25	**56.75**	**M12?**	**Quartzite? Contact zone between sediments and underlying ultramafics. Fine grained, silicifed and albitized, dark grey-brown colour, frequent sulfide stringers. Sharp contacts. Relic bedding / weak foliation? XRF readings show traces of Cr, indicating alteration from the ultramafics. Becomes greenish-brown in colour 56.4-56.75m. calc-silicates present**	**75**
Alteration				
55.25	56.4	SIL-AB	silicified or albitized? Resembles quartzite.	
55.25	56.4	BT	weak to mod biotitization	
56.4	56.75	CALC-SI	Green, fine to medium grain (1-2mm). Plagioclase matrix with Cr diopside-Cr tremolite with occasional Cr grossular. Pyrrhotite bearing.	
56.4	56.75	BT	mod to strong biotitization	
Mineralization				

55.25	56.4	PY, PO, CPY, SPH, PENT	PO, PY, SPH, PENT, CPY, 3-5% sulfide overall, 1-25mm fine to coarse crystals and stringers, XRF reading taken at 55.35m: 0.2% Ni, 0.5% Zn, 1.3% Cu	
56.4	56.75	PO, PY	PO,PY, trace to 2%, 1-3mm fine crystals and stringers, unevenly disseminated	
56.75	**82.05**	**V4**	**Grey to green, ultramafic. Fine grain and foliated assemblage of fibrous pyroxene or amphibole with minor carbonate. Replacement of massive finely granular to cumulate komatiite flows showing minor flow top breccia over 0.3 meter intervals associated with serpentinisation crack patterns.**	
Structure				
57	63.7	CALCITE	frequent 1mm-10cm calcite and calcite-albite veinlets and veins, generally oriented 85-90deg TCA, rarely discordant and oriented irregularly	85
Alteration				
56.75	63.9	TR,BT, CARB	Green, fine grain Fe tremolite-biotite unoriented assemblage. Calcite veining and pervasiveness throughout.	
63.9	82.05	CALCITE	fine, wispy, irregular calcite/carb veinlets within ultramafics	
67	67.2	BT, TR	Green, fine grain Fe tremolite-biotite unoriented assemblage.	
76.15	79.1	BT, TR	Green, fine grain Fe tremolite-biotite unoriented assemblage.	
79.1	79.5	BT	weak to mod biotitization, med bt	
81.6	82.05	BT	mod to strong biotitization, med bt	
Mineralization				
63.9	79.5	PO	PO, trace, 1-2mm fine crystals, unevenly disseminated	
79.5	82.05	PO	PO, trace to 1%, 1-2mm fine crystals and stringers, unevenly disseminated	
82.05	**85.95**	**QFP**	**QFP, grey colour, med to coarse grained, 2-4mm qz-ab phenos . Weak biotitization throughout, sharp upper and lower contacts. Contact zone to underlying unit is strongly biotitized.**	
Alteration				
82.05	85.95	BT	weak to mod biotitization, band of strong biotite alt 83.3-83.35m.	
Mineralization				
82.05	85.95	PY, PO	PO, PY, trace to 1%, 1-5mm fine to med crystals/clots, unevenly disseminated	

85.95	**95.3**	**S3 - V4**	**Sediments to ultramafics, fine to med grained, very well mineralized overall. Mod-strong albitization, hard. "Contact zone" with underlying ultramafics, dark grey-brown colour, frequent sulfide stringers. Sharp contacts but gradually transitions to ultramafics. Relic bedding / weak foliation? XRF readings show traces of Cr. Green colour Cr-diopside-Cr-garnet 86.5-88.5m. Sample this unit for Au.**	**75**
Alteration				
85.95	90.9	AB-SIL	mod to strong albitization or silicification? Resembles quartzite but is cr-bearing and located within sediments in ultramafics.	
85.95	86.5	BT	strong biotitization at upper contact area.	
86.5	88.5	CALC-SI	Green, fine to medium grain (1-2mm). Plagioclase matrix with Cr diopside-Cr tremolite with occasional Cr grossular. Pyrrhotite bearing.	
90.25	90.9	AB-SIL	mod to strong albitization or silicification?	
90.9	94.3	CALC-SI	Green, fine to medium grain (1-2mm). Plagioclase matrix with Cr diopside-Cr tremolite with occasional Cr grossular. Pyrrhotite bearing.	
94.3	94.75	AB-SIL	mod to strong albitization or silicification?	
94.75	95.3	CALC-SI, BT	Green, fine to medium grain (1-2mm). Plagioclase matrix with Cr diopside-Cr tremolite with occasional Cr grossular. Pyrrhotite bearing. Strongly biotitized, med bt throughout.	
Mineralization				
85.95	86.5	PY,PO,CPY,SPH	PO, PY, SPH, CPY, 5-7% sulfide overall, 1-25mm fine to coarse crystals and stringers, XRF reading taken at 86.3m: 0.2% Zn, 5% Cu	
86.5	86.75	PO, PY, SPH, PENT, CPY	PO, PY, SPH, CPY, PENT, 3-5% sulfide overall, 1-25mm fine to coarse crystals and stringers, XRF reading taken at 88.55m: 0.2% Ni, 0.1% Co	
86.75	90.25	PO, SPH, PY	PO, PY, SPH, trace to 1%, 1-5mm fine to med crystals/clots and stringers, unevenly disseminated	
90.25	**90.9**	**PO,PY, PENT, SPH, CPY**	**PO,PY,PENT,SPH, CPY, 5-15% sulfide overall, 1-60mm stringers and crystals, nearly massive sulfide 90.8-90.9m. XRF readings at 90.85m: 0.4% Ni, 0.2% Zn, 0.1% Co, 0.14% Cu. Note: seems to be a positive correlation between Ni and Co - increasing Ni = increasing Co.**	
90.9	93.6	PO, SPH, PY	PO, PY, SPH, trace to 2%, 1-5mm fine to med crystals/clots and stringers, unevenly disseminated	
93.6	94.75	PO, PENT, SPH	PO,,PENT,SPH, 10% sulfide overall, 1-30mm stringers and crystals. XRF readings throughout: 0.3-0.5% Ni, 0.1-3% Zn, 0.1% Co.	
94.75	95.3	PY, PO	PO, PY, trace to 1%, 1-5mm fine to med crystals/clots, unevenly disseminated	
95.3	**152.3**	**V4**	**Grey to green. Fine grain and foliated assemblage of fibrous pyroxene or amphibole with minor carbonate. Replacement of massive finely granular to cumulate komatiite flows showing minor flow top breccia over 0.3 meter intervals associated with serpentinisation crack patterns. Becomes weakly foliated 137.4-140m. XRF scans in various spots through most of unit consistently return Ni values of 0.05-0.1%**	

Structure				
95.3	99.5	QV	fine 1-3mm white qz veinlets, generally oriented 80deg TCA. Occasional irregular orientation.	80
98.65	99.35	BX?	strong green colour ultramafics with pale blue "bands", possibly very fine alteration halos around fractures, selvages or breccia fractures?	80
99.35	99.45	CA	numerous 1-5mm calcite veinlets/stringers	
99.5	152.3	XENO	occasional 5-10mm anhedral black xenoliths, smaller xenoliths have darker coronas while the larger xenoliths have more irregular margins	
129.65	129.8	BLOCKY	blocky core	
137.4	137.5	BLOCKY	blocky core	
137.4	140	FOL	weak foliation appears, oriented aprox. 60deg TCA	60
Alteration				
95.3	99.5	QZ-AB, BT, TR	fine 2-3mm qz-ab veinlets/stringers throughout, mod to strong biotitization, Green, fine grain Fe tremolite-biotite unoriented assemblage.	
97.4	97.5	BT	very strong biotitization	
99.5	152.3	CALCITE	fine, wispy, rare and irregular calcite/carb veinlets within ultramafics	
129.65	126.8	GRAPHITE	graphite along fine fractures in blocky core	
137.4	137.5	GRAPHITE	graphite seam within ultramafics, oriented approx 60deg TCA	60
139.4	139.55	SERP	mod to strong serpentinization? Weak labradorescence	
149.5	152.3	BT,TR	Green, fine to med grain Fe tremolite-biotite unoriented assemblage.	
Mineralization				
98.4	98.45	PY	PY, trace, 1-3mm crystals in qz veinlet	
123.5	124.25	PY	PY, trace, 1-5mm fine crystals, unevenly disseminated	
139.4	139.55	PY	PY, trace, 1-5mm fine crystals, unevenly disseminated, in band of weak serpentinization	
150.5	152.3	PY,PO	PY, trace-1%, 1-5mm fine crystals, unevenly disseminated	
152.3	**155.6**	**S6gp**	**Graphitic mudstone, dark grey-black with pyrite and pyrrhotite stringers and sedimentary nodules. Black, fine to med grained, bedding at approx 70deg TCA. Mod mag throughout. sphalerite and pentlandite often within larger clots of po, traces of cpy. Sulfide clots/nodules often brecciated/fractured. XRF scans taken at multiple points through unit, values range from: 0.02-0.8% Ni, 0.1-1.7% Zn, 0.05-0.17% Cu, 300ppm Sn**	**70**
Mineralization				
152.3	155.6	PO, PY, SPH, PENT, CPY	PO, PY, SPH, PENT, CPY, 5-7% sulfide overall, 1-25mm fine to coarse crystals (clots and sedimentary nodules) and stringers, Sedimentary nodules often contain quartz, sphalerite and pentlandite often within larger clots of po, traces of cpy.	

152.85	152.85	XRF Scan	Po nodule, 3cm, XRF: 0.12% Zn, 0.05% Cu, 300ppm Sn, 200ppm Ni
153.75	153.75	XRF Scan	Po, Cpy, Sph nodule. 1.5cm. XRF: 0.18% Cu, 0.17% Zn, 0.05% Ni
154.4	154.4	XRF Scan	Cluster of fractured/brecciated sulfide stringers and crystals. XRF: 0.3% Zn, 440ppm Cu, 280ppm Ni
154.65	154.65	XRF Scan	Po-Sph, Cpy nodule, 3cm, oval shaped. XRF: 0.19% Zn, 0.17% Cu, 0.08% Ni
155.6	**283.65**	**V4**	**Continued from above. Gradual contact from above mudstone to ultramafics 155.6-156m Grey to green. Fine grain and foliated assemblage of fibrous pyroxene or amphibole with minor carbonate. Replacement of massive finely granular to cumulate komatiite flows showing minor flow top breccia over 0.3 meter intervals associated with serpentinisation crack patterns. XRF scans in various spots through most of unit consistently return Ni values of 0.05-0.1%. Band of graphitic mudstone 157.4-157.85m**
Structure			
157.4	157.85	S6gp	Graphitic mudstone as above, well mineralized with 1-50mm stringers of po-sph, traces of cpy and pent.
181.55	185	XENO	occasional 5-10mm anhedral black xenoliths, smaller xenoliths have darker coronas while the larger xenoliths have more irregular margins
187.2	187.35	BLOCKY	blocky core
187.85	187.95	QZ-CA	irregular 5-15mm qz-calcite veinlet/stringer oriented 45deg TCA with coarse clotty pyrite within vein.
188.95	189.05	BLOCKY	blocky core
196	210.15	XENO	occasional 5-10mm anhedral black xenoliths, smaller xenoliths have darker coronas while the larger xenoliths have more irregular margins
220.4	223.45	BX	possibly weak bx between bt-tr altered fragments?
223	223.1	BLOCKY	blocky core
224	225.05	BLOCKY	blocky core, hematite fragments in blockiness, fragments angular, 1mm-10cm in size
223.45	231.9	XENO	occasional 5-10mm anhedral black xenoliths, smaller xenoliths have darker coronas while the larger xenoliths have more irregular margins
231.9	234	BX	possible volcanic breccia? Dark biotitzed fragments, paler green tr-altered matrix, fragments angular, 1mm-10cm in size
235.45	252.2	XENO	occasional 5-10mm anhedral black xenoliths, smaller xenoliths have darker coronas while the larger xenoliths have more irregular margins
237.85	237.95	BLOCKY	blocky core
240.7	250	PX VEIN	grey-blue pyroxene vein, possibly an injection? Oriented down-hole.
254.5	283.65	XENO	occasional 5-10mm anhedral black xenoliths, smaller xenoliths have darker coronas while the larger xenoliths have more irregular margins
Alteration			
155.6	157.4	BT,TR	Green, fine to med grain Fe tremolite-biotite unoriented assemblage.

157.8	159	BT,TR	Green, fine to med grain Fe tremolite-biotite unoriented assemblage.	
159	163.5	BT	weak biotitization, fine bt throughout	
163.5	164.4	BT,TR	Green, fine to med grain Fe tremolite-biotite unoriented assemblage.	
185.85	187.2	BT, TR	Greenish-brown, progressively stronger bt-tr alteration, unoriented	
187.2	189.1	BT, TR, CHL, AB	Green, coarse grained, Fe tremolite-biotite oriented assemblage along weak foliation at 45deg TCA. Fine 1-2mm Ab-phenos 188-189.1m. Soft. Weak to mod chloritization.	
193.1	193.15	GRAPHITE	graphite along fine fractures in blocky core	
214.8	223.45	BT-TR	Green, fine to med grain Fe tremolite-biotite unoriented assemblage. Very strong biotitization 217.9-218.65m and 219.4-220.4m.	
231.9	235.45	BT-TR	Green, fine to med grain Fe tremolite-biotite unoriented assemblage. Very strong biotitization 232.45-234m.	
235.45	283.65	CALCITE	fine, wispy, rare and irregular calcite/carb veinlets within ultramafics	
252.5	255.1	BT-TR	Green, fine to med grain Fe tremolite-biotite unoriented assemblage. Weak biotitization	
268.3	269.5	BT-TR	Green, fine to med grain Fe tremolite-biotite unoriented assemblage. Weak biotitization	
Mineralization				
157.4	157.85	PO, PY, CPY, PENT, SPH	PO, PY, SPH, PENT, CPY, 3-5% sulfide overall, 1-50mm fine to coarse crystals (clots and sedimentary nodules) and stringers. XRF: 1% Cr, 0.085% Zn, 0.03% Cu, 0.045% Ni, 400ppm Sr.	
157.85	214.8	PO	PO, trace to 1%, 1-3mm fine crystals, unevenly disseminated	
187.85	187.95	PY	PY, trace, 2-5mm coarse crystals/cubes in qz-ca veinlets/stringer	
219.8	220.4	PY	PY, trace, 2-5mm coarse crystals/cubes in strong biotitized ultramafics	
223.45	231.9	PO	PO, trace to 1%, 1-3mm fine crystals, unevenly disseminated	
224.7	225.1	HEM	hematite within ultramafics, hematized ultramafic framgents in blocky core 224.9-225m.	
236.5	327	PY	PY, trace, 1-3mm fine stringers along fracture planes	
261	268.3	PO	PO, trace to 1%, 1-3mm fine crystals, unevenly disseminated	
281	283.65	PO	PO, trace to 3%, 1-3mm fine crystals, unevenly disseminated	
283.65	**292.95**	**V4 - S3**	**Ultramafics to sediments, fine to med grained, well mineralized overall. Mod-strong albitization, hard. "Contact zone" with underlying sediments, dark grey-brown colour, frequent sulfide stringers. Sharp contacts but gradually transitions to sediments. Relic bedding / weak foliation? XRF readings show traces of Cr, Green colour Cr-diopside-Cr-garnet 289.45-292.05m. Sample this unit for Au.**	**65**
Alteration				
283.65	286.15	BT,TR	Green, fine to med grain Fe tremolite-biotite unoriented assemblage.	
286.15	289.45	BT	weak to mod biotitization, fine to med biotite throughout.	
286.15	287.35	AB-SIL	mod albitization or silicification?	
289.45	292.05	CALC-SI	Green, fine to medium grain (1-2mm). Plagioclase matrix with Cr diopside-Cr tremolite with occasional Cr grossular. Pyrrhotite bearing.	

292.05	292.95	AB-SIL	weak albitization or silicification?	
Mineralization				
283.65	289.45	PY, PO	PO, PY, trace to 1%, 1-5mm fine to med crystals/clots and stringers, unevenly disseminated	
289.45	290.75	PY, PO, CPY	PO, PY, trace CPY, trace to 1%, 1-5mm fine to med crystals/clots and stringers, unevenly disseminated. XRF 0.3% Cu	
290.75	292.05	PO, PY, SPH, PENT, CPY	PO, PY, SPH, 2-3% sulfide overall, 1-25mm fine to coarse crystals and stringers, XRF reading taken at 290.85m: 0.2% Zn	
292.05	292.95	PY, PO	PO, PY, trace to 1%, 1-5mm fine to med crystals/clots and stringers, unevenly disseminated	
292.95	**411**	**S3**	**Dark grey, layered quartz-biotite-muscovite fine grained meta-sediments. Constant foliation parallel to bedding. 1-2% ribonned quartz veins 1-2cm. Frequent blockiness/breaks along bedding throughout. SAMPLE FOR AU?**	**80**
Structure				
293.7	294	BLOCKY	blocky core	
300	303	QZ-AB	frequent 1-3mm qz-ab veinlets, concordant to bedding/foliation	75
320.15	320.2	QV	white qv, coarse ab and chl within vein. Sharp margins, concordant to bedding/foliation	75
341.95	342	QZ-AB-BT	irregular and contorted greenish-grey qz-ab vein, coarse clotty bt within vein and along vein walls.	
350.1	350.15	QZ-AB	qz-ab veinlet, concordant to fol, trace chl within veinlet	80
356.9	357.05	BLOCKY	blocky core	
357.95	358.05	QZ-AB	frequent 1-3cm qz-ab veinlets, concordant to bedding/foliation	85
367	367.5	QZ-AB	frequent 1-3cm qz-ab veinlets, concordant to bedding/foliation	
370.8	371.5	QFP	grey qfp, coarse grained, 2-4mm qz-ab phenos + weak fabric outlined by biotite + 1-2mm muscovite crystals	
376.65	378.5	AB	fine 1-2mm ab fractures with narrow alteration halos around them, randomly oriented	
379.65	380	BX	possible breccia? Semi-angular fragments within matrix of slightly darker material, weka tremolite alt?	
383.2	383.5	QZ-AB	frequent 1.3cm qz-ab veinlets, dark grey	
388.8	388.85	LAMPROPHYRE	possible lamprophyre dyke? Dark green in colour, soft, very sharp margins, chl-hb-tr alteration, occasional coarse chloritized fragments elongated along foliation. Irregular distribution.	
389.15	389.2	QZ-AB-BT	irregular and contorted greenish-grey qz-ab vein, coarse clotty bt within vein and along vein walls.	
391.85	391.1	LAMPROPHYRE	possible lamprophyre dyke? Dark green in colour, soft, very sharp margins, chl-hb-tr alteration, occasional coarse chloritized fragments elongated along foliation. Irregular distribution.	

393.3	393.4	QZ-AB	qz-ab vein, irregular but sharp margins, ab concentrated near vein walls.	
394.5	397.5	QZ-AB	frequent 1-3cm qz-ab veinlets, concordant to bedding/foliation	
399.1	399.55	QFP	grey qfp, coarse grained, 2-4mm qz-ab phenos + weak fabric outlined by biotite	
400.6	400.65	QFP	grey qfp, coarse grained, 2-4mm qz-ab phenos + weak fabric outlined by biotite	
404	405.3	QFP	grey qfp, coarse grained, 2-4mm qz-ab phenos + weak fabric outlined by biotite	
408.9	409.25	QFP	grey qfp, coarse grained, 2-4mm qz-ab phenos + weak fabric outlined by biotite	
409.8	411	QFP	grey qfp, coarse grained, 2-4mm qz-ab phenos + weak fabric outlined by biotite	
Alteration				
292.95	411	BT	weak to mod biotitization throughout, locally mod to strong in and around bands of qfp	
294.5	295.8	AL-SIL	clusters of blue-grey al-silicate crystals present throughout, vary from 1-10mm in size, crystals often elongated in direction of foliation/bedding. Fine 1-3mm bt crystals around and along al-silicate crystals	
305.8	306	TR-BT	narrow green band with tremolite and biotite along foliation	
306.3	309	AL-SIL	clusters of blue-grey al-silicate crystals present throughout, vary from 1-10mm in size, crystals often elongated in direction of foliation/bedding. Fine 1-3mm bt crystals around and along al-silicate crystals	
309	312.8	SIL-AB	weak to mod whispy sil and albitization, dark grey-blue colour overall	
321	321.6	AL-SIL	clusters of blue-grey al-silicate crystals present throughout, vary from 1-10mm in size, crystals often elongated in direction of foliation/bedding. Fine 1-3mm bt crystals around and along al-silicate crystals	
335	335.45	AB	weak wispy albitization, blue grey colour to core	
342	346.55	AB	occasional bands of mod albitization, blue-grey bands, sharp margins, vary in size 3-25cm. (ex: 342.75-343m, 344.35-344.5m).	
357.95	358.05	AB	weak wispy albitization, blue grey colour to core, around 1-2cm qz veinlets	
352.7	355	AL-SIL	clusters of blue-grey al-silicate crystals present throughout, vary from 1-10mm in size, crystals often elongated in direction of foliation/bedding. Fine 1-3mm bt crystals around and along al-silicate crystals	
364	366	AL-SIL	clusters of blue-grey al-silicate crystals present throughout, vary from 1-10mm in size, crystals often elongated in direction of foliation/bedding. Fine 1-3mm bt crystals around and along al-silicate crystals	
365.3	367.65	AB	weak to mod wispy sil and albitization, dark grey-blue colour overall	
374	374.1	TR-BT	narrow green band with tremolite and biotite along foliation	
375	375.25	TR-BT	narrow green band with tremolite and biotite along foliation	
376.65	378.5	AB	fine 1-2mm ab fractures with narrow alteration halos around them, randomly oriented	
379.65	380	TR	possible breccia? Semi-angular fragments within matrix of slightly darker material, weka tremolite alt?	
380.35	380.65	TR, CHL, BT	dark green, fine grained, frequenet carb filled fractures, tremolite and chlorite alt. Soft. Fine py-po stringers along foliation.	80
381.35	381.65	AB	weak to mod albitization, fine ab phenos, blue-grey color overall	

383.2	383.5	SIL-AB	weak to mod whispy sil and albitization, fine 0.5-2cm qz veinlets
385.85	386	TR-BT	narrow green band with tremolite and biotite along foliation
399.6	399.9	TR-BT	narrow green band with tremolite and biotite along foliation
400.1	400.15	TR-BT	narrow green band with tremolite and biotite along foliation
400.15	400.6	AB	mod albitization, ab phenos within sediments
406.15	408.4	AB-BT	mod albitization, blue grey colour to sediments, mod biotitization
408.4	408.9	TR-BT	narrow green band with tremolite and biotite along foliation, very strong alt
409.25	409.8	TR-BT	narrow green band with tremolite and biotite along foliation, very strong alt
Mineralization			
294	295	PO, PY, SPH, PENT, CPY	PO, PY, SPH, trace, 1-5mm fine to coarse crystals and stringers, XRF reading taken at 294.5m: 3.4% Cu, 0.7% Zn, 170ppm Ni
305.8	306	PY, PO	PO, PY, trace, 1-3mm fine to med crystals/clots within qz-ab veinlets, unevenly disseminated
309	321	PY, PO	PO, PY, trace to 2%, 1-3mm fine to med crystals/clots within qz-ab veinlets, unevenly disseminated
321	336.5	PY	PY, trace, 1-3mm fine to med crystals, generally within or along qz-ab veinlets and along fracture planes, unevenly disseminated
348	350.4	PY	PY, trace, 1-3mm fine to med crystals, generally within or along qz-ab veinlets and along fracture planes, unevenly disseminated
355.9	370.8	PY	PY, trace, 1-3mm fine to med crystals, generally within or along qz-ab veinlets and along fracture planes, unevenly disseminated
380.35	380.65	PY	PY, 1-3%, 1-3mm fine stringers
383.2	383.5	PY	PY, trace, 1-3mm fine to med crystals, generally within or along qz-ab veinlets, unevenly disseminated
286	411	PY	PY, trace, 1-3mm fine to med crystals, unevenly disseminated

SAMPLES			Surimeau - Spring 2021		HOLE NO:SUR-21-18		PAGE: 4				
Sample	From m	To m	Length	DESCRIPTION	Au g/t						
47924	3.9	5	1.10	s6							
47925	5	6.5	1.50	s6							
47926	6.5	8	1.50	s6							
47927	8	9	1.00	s6							
47928	9	10.1	1.10	s6 + tr-bt band							
47929	10.1	11.5	1.40	s6							
47930	11.5	13	1.50	s6							
47931	13	14.5	1.50	s6							
47932	14.5	16	1.50	s6							
47933	16	17.5	1.50	s6							
47934	17.5	19	1.50	s6							
47935	19	20.5	1.50	s6							
47936	20.5	22	1.50	s6							
47937	22	23.5	1.50	s6							
47938	23.5	24.5	1.00	s6 + al-sil + po str							
47939	24.5	26	1.50	s6 + al-sil							
47940	26	27.5	1.50	s6							
47941	27.5	29	1.50	s6 + gp + py-po str							
47942			0.00	Quarter Cut of previous sample							
47943	29	30.15	1.15	s6 + gp + py-po str							
47944	30.15	31.05	0.90	s6 + s6gp + py,po + chert + tr sph,pent							
47945			0.00	Coarse Reject of previous sample							
47946	31.05	32	0.95	s6gp + po,py + tr sph,pent							
47947	32	33	1.00	s6gp + po,py + tr sph,pent							
47948	33	34	1.00	s6gp + po,py + tr sph,pent + ab-bt alt s6 bed							
47949	34	35	1.00	s6gp + po,py + tr sph,pent + ab-bt alt s6 bed							
47950	35	36	1.00	s6gp + po,py + tr sph,pent							
47951	36	37	1.00	s6gp + po,py + tr sph,pent							
47952			0.00	Blank							
47953	37	38	1.00	s6gp + po,py + tr sph,pent, cpy							
47954	38	39	1.00	s6gp + po,py + tr sph,pent, cpy							
47955	39	40	1.00	s6gp + po,py + tr sph,pent, cpy							
47956	40	41	1.00	s6gp + po,py + tr sph,pent, cpy							
47957	41	42	1.00	s6gp + po,py + tr sph,pent, cpy							
47958	42	43	1.00	s6gp + po,py + tr sph,pent, cpy							
47959	43	44	1.00	s6gp + po,py + tr sph,pent, cpy							

47960	44	45	1.00	s6gp + po,py + tr sph,pent, cpy
47961	45	46	1.00	s6gp + po,py + tr sph,pent, cpy
47962			0.00	Coarse Reject of previous sample
47963	46	47	1.00	s6gp + po,py + tr sph,pent, cpy
47964	47	48	1.00	s6gp + po,py + tr sph,pent, cpy + blocky core
47965			0.00	Quarter Cut of previous samples
47966	48	49	1.00	s6gp + po,py + tr sph,pent, cpy
47967	49	50	1.00	s6 + po,py + tr sph,pent, cpy
47968	50	51.2	1.20	s6gp + po,py + tr sph,pent, cpy
47969	51.2	52.5	1.30	s6
47970	52.5	54	1.50	s6
47971	54	55.25	1.25	s6
47972			0.00	Blank
47973	55.25	56.4	1.15	qzite? + po, py, sph
47974	56.4	56.75	0.35	calc-sil v4 + py,po,sph
47975	56.75	58	1.25	v4 + tr + ab-ca veinlets
47976	58	59	1.00	v4 + tr + ab-ca veinlets
47977	59	60	1.00	v4 + tr + ab-ca veinlets
47978	60	61	1.00	v4 + tr + ab-ca veinlets
47979	61	62.1	1.10	v4 + tr + ab-ca veinlets
47980	62.1	63	0.90	v4 + tr + ab-ca veinlets
47981	63	63.9	0.90	v4 + tr + ab-ca veinlets + bt
47982	63.9	65	1.10	v4
47983	65	66.5	1.50	v4
47984	66.5	68	1.50	v4 + bt
47985	68	69.5	1.50	v4
47986	69.5	71	1.50	v4
47987	71	72.5	1.50	v4
47988	72.5	74	1.50	v4
47989	74	75	1.00	v4
47990	75	76.15	1.15	v4
47991	76.15	77.5	1.35	v4 + bt-tr + ca
47992			0.00	Quarter Cut of previous sample
47993	77.5	78.5	1.00	v4
47994	78.5	79.5	1.00	v4
47995			0.00	Coarse Reject of previous sample
47996	79.5	81	1.50	v4
47997	81	82.05	1.05	v4 + bt
47998	82.05	83.5	1.45	qfp
47999	83.5	84.9	1.40	qfp + tr py,po,bt
48000	84.9	85.95	1.05	qfp + tr py,po,bt

48001	85.95	86.5	0.55	s6-v4 + ab + bt + py,po,cpy
48002			0.00	Blank
48003	86.5	87.5	1.00	s6-v4 + ab-sil + calc-sil + py,po,cpy
48004	87.5	88.5	1.00	s6-v4 + ab-sil + calc-sil + py,po,cpy
48005	88.5	89.5	1.00	s6 + py,po,cpy
48006	89.5	90.25	0.75	s6 + py,po,cpy
48007	90.25	90.9	0.65	s6 + py,po,cpy,pent
48008	90.9	92	1.10	v4 + calc-sil + po
48009	92	93	1.00	v4 + calc-sil + po
48010	93	93.6	0.60	v4 + calc-sil + po
48011	93.6	94.75	1.15	v4-s6 + ab-sil + bt + py,po, sph + calc-sil
48012			0.00	Coarse Reject of previous sample
48013	94.75	95.3	0.55	v4 + bt + tr + po
48014	95.3	96.5	1.20	v4 + bt -tr + py,po
48015			0.00	Quarter Cut of previous samples
48016	96.5	98	1.50	v4 + bt -tr + py,po
48017	98	98.65	0.65	v4 + bt -tr + py,po
48018	98.65	99.5	0.85	v4 + bt -tr + py,po
48019	99.5	101	1.50	v4
48020	101	102.5	1.50	v4
48021	102.5	104	1.50	v4
48022			0.00	Blank
48023	104	105.5	1.50	v4
48024	105.5	107	1.50	v4
48025	107	108.5	1.50	v4
48026	108.5	110	1.50	v4
48027	110	111.5	1.50	v4
48028	111.5	113	1.50	v4
48029	113	114.5	1.50	v4
48030	114.5	116	1.50	v4
48031	116	117.5	1.50	v4
48032	117.5	119	1.50	v4
48033	119	120.5	1.50	v4
48034	120.5	122	1.50	v4
48035	122	123.5	1.50	v4
48036	123.5	125	1.50	v4
48037	125	126.5	1.50	v4
48038	126.5	128	1.50	v4
48039	128	129.5	1.50	v4
48040	129.5	131	1.50	v4
48041	131	132.5	1.50	v4

48042			0.00	Quarter Cut of previous sample
48043	132.5	134	1.50	v4
48044	134	135.5	1.50	v4
48045			0.00	Coarse Reject of previous sample
48046	135.5	137	1.50	v4
48047	137	138.5	1.50	v4
48048	138.5	140	1.50	v4
48049	140	141.5	1.50	v4
48050	141.5	143	1.50	v4
48051	143	144	1.00	v4
48052			0.00	Blank
48053	144	145	1.00	v4
48054	145	146.5	1.50	v4
48055			0.00	Standard
48056	146.5	148	1.50	v4
48057	148	149.5	1.50	v4
48058	149.5	150.5	1.00	v4
48059	150.5	151.4	0.90	v4 + bt
48060	151.4	152.3	0.90	v4
48061	152.3	153.3	1.00	s6gp + py-po, sph, pent,cpy
48062			0.00	Coarse Reject of previous sample
48063	153.3	154.3	1.00	s6gp + py-po, sph, pent,cpy
48064	154.3	155.6	1.30	s6gp + py-po, sph, pent,cpy
48065			0.00	Quarter Cut of previous samples
48066	155.6	156.6	1.00	v4 + gp + py-po + bt-tr
48067	156.6	157.4	0.80	v4 + bt-tr
48068	157.4	157.85	0.45	s6gp + py-po + tr pent,sph,cpy
48069	157.85	159	1.15	v4 + bt-tr
48070	159	160.5	1.50	v4
48071	160.5	162	1.50	v4
48072			0.00	Blank
48073	162	163.5	1.50	v4
48074	163.5	164.4	0.90	v4 + po + serp?
48075	164.4	165.5	1.10	v4
48076	165.5	167	1.50	v4
48077	167	168.5	1.50	v4 + po
48078	168.5	170	1.50	v4 + po
48079	170	171	1.00	v4 + po
48080	171	172.5	1.50	v4
48081	172.5	174	1.50	v4 + po
48082	174	175.5	1.50	v4 + po

48083	175.5	177	1.50	v4 + po
48084	177	178.5	1.50	v4 + po
48085	178.5	180	1.50	v4 + po
48086	180	181.5	1.50	v4 + po
48087	181.5	183	1.50	v4 + po
48088	183	184.5	1.50	v4 + po
48089	184.5	185.85	1.35	v4 + po
48090	185.85	187.2	1.35	v4 + bt + po
48091	187.2	188	0.80	v4 + bt-tr + actinolite + py,po
48092			0.00	Quarter Cut of previous sample
48093	188	189.1	1.10	v4 + bt-tr-ab + po
48094	189.1	190	0.90	v4 + bt
48095			0.00	Coarse Reject of previous sample
48096	190	191	1.00	v4 + bt + po
48097	191	192	1.00	v4 + bt + po
48098	192	193.5	1.50	v4 + gp seam + po
48099	193.5	195	1.50	v4 + po
48100	195	196	1.00	v4 + po
48101	196	197	1.00	v4 + po
48102			0.00	Blank
48103	197	198.5	1.50	v4 + po
48104	198.5	200	1.50	v4 + po
48105			0.00	STD - added accidentally
48106	200	201.5	1.50	v4 + po
48107	201.5	203	1.50	v4 + po
48108	203	204.5	1.50	v4 + po
48109	204.5	206	1.50	v4 + po
48110	206	207.5	1.50	v4 + po
48111	207.5	209	1.50	v4 + po
48112			0.00	Coarse Reject of previous sample
48113	209	210.5	1.50	v4 + po
48114	210.5	212	1.50	v4 + po
48115			0.00	Quarter Cut of previous samples
48116	212	213	1.00	v4 + po
48117	213	214	1.00	v4 + po
48118	214	214.8	0.80	v4 + po
48119	214.8	216	1.20	v4 + bt-tr
48120	216	217.5	1.50	v4 + bt-tr
48121	217.5	218.65	1.15	v4 + bt-tr
48122			0.00	Blank
48123	218.65	219.4	0.75	v4 + bt + ca

48124	219.4	220.4	1.00	v4 + bt
48125	220.4	221.5	1.10	v4 + bt
48126	221.5	222.5	1.00	v4 + bt
48127	222.5	223.45	0.95	v4 + bt
48128	223.45	224.8	1.35	v4 + po
48129	224.8	225.5	0.70	v4 + po + hematite fracture
48130	225.5	227	1.50	v4 + po
48131	227	228.5	1.50	v4 + po
48132	228.5	230	1.50	v4 + po
48133	230	231	1.00	v4 + po
48134	231	231.9	0.90	v4 + po
48135	231.9	233	1.10	v4 + bt-tr
48136	233	234	1.00	v4 + bt-tr
48137	234	235.45	1.45	v4 + bt-tr
48138	235.45	236.5	1.05	v4 + po + py
48139	236.5	238	1.50	v4
48140	238	239.5	1.50	v4
48141	239.5	241	1.50	v4
48142			0.00	Quarter Cut of previous sample
48143	241	242.5	1.50	v4
48144	242.5	244	1.50	v4
48145			0.00	Coarse Reject of previous sample
48146	244	245.5	1.50	v4
48147	245.5	247	1.50	v4
48148	247	248.5	1.50	v4
48149	248.5	250	1.50	v4
48150	250	251.5	1.50	v4
48151	251.5	252.5	1.00	v4
48152			0.00	Blank
48153	252.5	254	1.50	v4 + bt-tr + ca str
48154	254	255.1	1.10	v4 + bt-tr + ca str
48155	255.1	256	0.90	v4
48156	256	257.5	1.50	v4
48157	257.5	259	1.50	v4
48158	259	260.5	1.50	v4
48159	260.5	262	1.50	v4
48160	262	263.5	1.50	v4
48161	263.5	265	1.50	v4
48162			0.00	Coarse Reject of previous sample
48163	265	266.5	1.50	v4
48164	266.5	268	1.50	v4

48165			0.00	Quarter Cut of previous samples
48166	268	269.5	1.50	v4
48167	269.5	271	1.50	v4
48168	271	272.5	1.50	v4
48169	272.5	274	1.50	v4
48170	274	275.5	1.50	v4
48171	275.5	277	1.50	v4
48172			0.00	Blank
48173	277	278.5	1.50	v4
48174	278.5	280	1.50	v4
48175	280	281.5	1.50	v4
48176	281.5	282.5	1.00	v4
48177	282.5	283.65	1.15	v4
48178	283.65	284.5	0.85	s6 + bt-tr
48179	284.5	286.15	1.65	s6 + bt-tr + po
48180	286.15	287.35	1.20	s6 + bt-tr + po
48181	287.35	288.35	1.00	s6 + bt + py,po
48182	288.35	289.45	1.10	s6 + bt
48183	289.45	290.75	1.30	s6-v4 + calc-sil + py,po tr cpy
48184	290.75	291.55	0.80	s6-v4 + calc-sil + py,po tr cpy sph
48185	291.55	292.05	0.50	s6-v4 + calc-sil + py,po tr cpy sph
48186	292.05	292.95	0.90	s6 + py,po + bt
48187	292.95	294	1.05	s6 + bt
48188	294	295.5	1.50	s6 + bt
48189	295.5	297	1.50	s6 + bt
48190	297	298.5	1.50	s6 + bt
48191	298.5	300	1.50	s6 + bt
48192			0.00	Quarter Cut of previous sample
48193	300	301	1.00	s6 + bt
48194	301	302	1.00	s6 + qz-ab
48195			0.00	Coarse Reject of previous sample
48196	302	303	1.00	s6 + qz-ab
48197	303	304.5	1.50	s6
48198	304.5	306	1.50	s6
48199	306	307.5	1.50	s6
48200	307.5	309	1.50	s6
48201	309	310.5	1.50	s6
48202			0.00	Blank
48203	310.5	312	1.50	s6
48204	312	313	1.00	s6
48205			0.00	Standard

48206	313	314.5	1.50	s6
48207	314.5	316	1.50	s6
48208	316	317.5	1.50	s6
48209	317.5	319	1.50	s6
48210	319	320.5	1.50	s6
48211	320.5	322	1.50	s6
48212			0.00	Coarse Reject of previous sample
48213	322	323.5	1.50	s6
48214	323.5	325	1.50	s6
48215			0.00	Quarter Cut of previous samples
48216	325	326.5	1.50	s6
48217	326.5	328	1.50	s6
48218	328	329.5	1.50	s6
48219	329.5	331	1.50	s6
48220	331	332.5	1.50	s6
48221	332.5	333.5	1.00	s6
48222			0.00	Blank
48223	333.5	335	1.50	s6 + ab
48224	335	336.5	1.50	s6 + ab
48225	336.5	338	1.50	s6 + ab
48226	338	339.5	1.50	s6 + ab
48227	339.5	341	1.50	s6
48228	341	342	1.00	s6 + qz-ab-bt veinlet
48229	342	343	1.00	s6 + ab band
48230	343	344	1.00	s6 + ab bands
48231	344	345	1.00	s6 + ab bands
48232	345	346	1.00	s6
48233	346	347.5	1.50	s6 + ab bands
48234	347.5	349	1.50	s6
48235	349	350.5	1.50	s6
48236	350.5	352	1.50	s6
48237	352	353.5	1.50	s6
48238	353.5	355	1.50	s6
48239	355	356.5	1.50	s6 + sil-ab band, qz-ab + tr po,py
48240	356.5	358	1.50	s6 + qz veinlets
48241	358	359.5	1.50	s6
48242			0.00	Quarter Cut of previous sample
48243	359.5	361	1.50	s6
48244	361	362.5	1.50	s6
48245			0.00	Coarse Reject of previous sample
48246	362.5	364	1.50	s6

48247	364	365	1.00	s6
48248	365	366.5	1.50	s6
48249	366.5	368	1.50	s6 + ab + qv's + tr py
48250	368	369.5	1.50	s6
48251	369.5	370.8	1.30	s6
48252			0.00	Blank
48253	370.8	371.5	0.70	qfp
48254	371.5	373	1.50	s6
48255	373	374.5	1.50	s6 + bt + tr band
48256	374.5	375.25	0.75	s6 + bt + tr band
48257	375.25	376.65	1.40	s6 + bt + tr band
48258	376.65	377.2	0.55	s6 + ab
48259	377.2	378.5	1.30	s6 + ab
48260	378.5	379.65	1.15	s6
48261	379.65	380.35	0.70	s6 + weak breccia?
48262			0.00	Coarse Reject of previous sample
48263	380.35	380.65	0.30	s6 + chl-tr + qz-ca str + py,po
48264	380.65	381.65	1.00	s6
48265			0.00	Quarter Cut of previous samples
48266	381.65	383	1.35	s6
48267	383	384	1.00	s6 + ab alt + qz str
48268	384	385.5	1.50	s6
48269	385.5	387	1.50	s6 + tr band
48270	387	388.5	1.50	s6
48271	388.5	390	1.50	s6 + lamp + qz-ab-bt veinlet
48272			0.00	Blank
48273	390	391.5	1.50	s6 + lamprophyre
48274	391.5	393	1.50	s6
48275	393	394.5	1.50	s6
48276	394.5	396	1.50	s6 + qv's
48277	396	397.5	1.50	s6
48278	397.5	399	1.50	s6
48279	399	400.1	1.10	s6 + qfp + bt
48280	400.1	401	0.90	s6 + bt + qfp + ab
48281	401	402.5	1.50	s6
48282	402.5	404	1.50	s6
48283	404	405.3	1.30	qfp
48284	405.3	406.15	0.85	s6
48285	406.15	407.5	1.35	s6
48286	407.5	408.5	1.00	s6
48287	408.5	408.9	0.40	s6 + bt-tr

48288	408.9	409.25	0.35	qfp
48289	409.25	409.8	0.55	s6 + bt-tr
48290	409.8	411	1.20	qfp

RQD			Surimeau - Spring 2021		HOLE NO:SUR-21-18		PAGE: 3
FROM	TO	Length Core Run	Σ pieces >10cm	RQD %			
3.9	6	2.1	1.6	76.19			
6	9	3	2	66.67			
9	12	3	1.6	53.33			
12	15	3	1.2	40.00			
15	18	3	2.1	70.00			
18	21	3	1.7	56.67			
21	24	3	2.8	93.33			
24	27	3	2.4	80.00			
27	30	3	2.1	70.00			
30	33	3	2.85	95.00			
33	36	3	2.5	83.33			
36	39	3	2.9	96.67			
39	42	3	2.9	96.67			
42	45	3	3	100.00			
45	48	3	2.7	90.00			
48	51	3	1.7	56.67			
51	54	3	3	100.00			
54	57	3	2.9	96.67			
57	60	3	2.9	96.67			
60	63	3	2.9	96.67			
63	66	3	2.9	96.67			
66	69	3	3	100.00			
69	72	3	3	100.00			
72	75	3	3	100.00			
75	78	3	3	100.00			
78	81	3	2.9	96.67			
81	84	3	2.4	80.00			
84	87	3	2.95	98.33			
87	90	3	3	100.00			
90	93	3	3	100.00			
93	96	3	3	100.00			

96	99	3	3	100.00
99	102	3	3	100.00
102	105	3	3	100.00
105	108	3	3	100.00
108	111	3	2.6	86.67
111	114	3	2.9	96.67
114	117	3	2.8	93.33
117	120	3	3	100.00
120	123	3	2.9	96.67
123	126	3	3	100.00
126	129	3	3	100.00
129	132	3	2.6	86.67
132	135	3	2.7	90.00
135	138	3	2.6	86.67
138	141	3	3	100.00
141	144	3	3	100.00
144	147	3	2.9	96.67
147	150	3	3	100.00
150	153	3	2.9	96.67
153	156	3	3	100.00
156	159	3	3	100.00
159	162	3	2.9	96.67
162	165	3	2.4	80.00
165	168	3	3	100.00
168	171	3	3	100.00
171	174	3	3	100.00
174	177	3	3	100.00
177	180	3	2.8	93.33
180	183	3	2.9	96.67
183	186	3	2.9	96.67
186	189	3	2.6	86.67
189	192	3	2.6	86.67
192	195	3	2.9	96.67
195	198	3	3	100.00
198	201	3	2.9	96.67
201	204	3	3	100.00
204	207	3	3	100.00
207	210	3	3	100.00
210	213	3	3	100.00
213	216	3	3	100.00

216	219	3	2.9	96.67
219	222	3	2.4	80.00
222	225	3	2.6	86.67
225	228	3	2.7	90.00
228	231	3	3	100.00
231	234	3	2.55	85.00
234	237	3	2.75	91.67
237	240	3	2.8	93.33
240	243	3	3	100.00
243	246	3	3	100.00
246	249	3	2.9	96.67
249	252	3	3	100.00
252	255	3	3	100.00
255	258	3	3	100.00
258	261	3	3	100.00
261	264	3	2.9	96.67
264	267	3	3	100.00
267	270	3	3	100.00
270	273	3	3	100.00
273	276	3	3	100.00
276	279	3	3	100.00
279	282	3	2.9	96.67
282	285	3	2.9	96.67
285	288	3	3	100.00
288	291	3	2.8	93.33
291	294	3	2.85	95.00
294	297	3	2.7	90.00
297	300	3	2.7	90.00
300	303	3	2.2	73.33
303	306	3	2.85	95.00
306	309	3	2.5	83.33
309	312	3	1.9	63.33
312	315	3	1.2	40.00
315	318	3	2	66.67
318	321	3	1.7	56.67
321	324	3	1.7	56.67
324	327	3	2	66.67
327	330	3	2.4	80.00
330	333	3	2.3	76.67
333	336	3	1.9	63.33

336	339	3	2.6	86.67
339	342	3	2.35	78.33
342	345	3	2.2	73.33
345	348	3	2.5	83.33
348	351	3	2.4	80.00
351	354	3	2.7	90.00
354	357	3	2.5	83.33
357	360	3	1.4	46.67
360	363	3	2.4	80.00
363	366	3	2.7	90.00
366	369	3	2.8	93.33
369	372	3	2.6	86.67
372	375	3	2.5	83.33
375	378	3	2.55	85.00
378	381	3	2.3	76.67
381	384	3	2.6	86.67
384	387	3	2.4	80.00
387	390	3	2.45	81.67
390	393	3	2.7	90.00
393	396	3	3	100.00
396	399	3	2.6	86.67
399	402	3	2.65	88.33
402	405	3	2.8	93.33
405	408	3	2.7	90.00
408	411	3	2.25	75.00

Box Lengths		Surimeau - Spring 2021		HOLE NO:SUR-21-18			PAGE: 5			
DDH	Box Number	From m	To m	Box Length	DDH	Box Number	From m	To m	Box Length		
SUR-21-18	1	3.9	8.15	4.25							
SUR-21-18	2	8.15	12.1	3.95							
SUR-21-18	3	12.1	16.6	4.5							
SUR-21-18	4	16.6	20.7	4.1							
SUR-21-18	5	20.7	24.9	4.2							
SUR-21-18	6	24.9	29	4.1							
SUR-21-18	7	29	33.2	4.2							
SUR-21-18	8	33.2	37.6	4.4							
SUR-21-18	9	37.6	41.8	4.2							
SUR-21-18	10	41.8	46.2	4.4							
SUR-21-18	11	46.2	50.9	4.7							
SUR-21-18	12	50.9	55.2	4.3							
SUR-21-18	13	55.2	59.5	4.3							
SUR-21-18	14	59.5	63.75	4.25							
SUR-21-18	15	63.75	68.05	4.3							
SUR-21-18	16	68.05	72.3	4.25							
SUR-21-18	17	72.3	76.65	4.35							
SUR-21-18	18	76.65	81	4.35							
SUR-21-18	19	81	85.25	4.25							
SUR-21-18	20	85.25	89.55	4.3							
SUR-21-18	21	89.55	93.9	4.35							
SUR-21-18	22	93.9	98.3	4.4							
SUR-21-18	23	98.3	102.45	4.15							
SUR-21-18	24	102.45	106.9	4.45							
SUR-21-18	25	106.9	111.2	4.3							
SUR-21-18	26	111.2	115.5	4.3							
SUR-21-18	27	115.5	119.85	4.35							
SUR-21-18	28	119.85	124.25	4.4							
SUR-21-18	29	124.25	128.5	4.25							
SUR-21-18	30	128.5	132.6	4.1							
SUR-21-18	31	132.6	137	4.4							

SUR-21-18	32	137	141.2	4.2
SUR-21-18	33	141.2	145.2	4
SUR-21-18	34	145.2	149.85	4.65
SUR-21-18	35	149.85	154.1	4.25
SUR-21-18	36	154.1	158.35	4.25
SUR-21-18	37	158.35	162.5	4.15
SUR-21-18	38	162.5	166.9	4.4
SUR-21-18	39	166.9	171.25	4.35
SUR-21-18	40	171.25	175.65	4.4
SUR-21-18	41	175.65	180	4.35
SUR-21-18	42	180	184.3	4.3
SUR-21-18	43	184.3	188.6	4.3
SUR-21-18	44	188.6	192.65	4.05
SUR-21-18	45	192.65	197	4.35
SUR-21-18	46	197	201.25	4.25
SUR-21-18	47	201.25	205.6	4.35
SUR-21-18	48	205.6	209.95	4.35
SUR-21-18	49	209.95	214.1	4.15
SUR-21-18	50	214.1	218.4	4.3
SUR-21-18	51	218.4	222.4	4
SUR-21-18	52	222.4	226.6	4.2
SUR-21-18	53	226.6	230.9	4.3
SUR-21-18	54	230.9	235.1	4.2
SUR-21-18	55	235.1	239.4	4.3
SUR-21-18	56	239.4	243.8	4.4
SUR-21-18	57	243.8	247.65	3.85
SUR-21-18	58	247.65	252.25	4.6
SUR-21-18	59	252.25	256.65	4.4
SUR-21-18	60	256.65	261	4.35
SUR-21-18	61	261	265.4	4.4
SUR-21-18	62	265.4	269.7	4.3
SUR-21-18	63	269.7	274.05	4.35
SUR-21-18	64	274.05	278.3	4.25
SUR-21-18	65	278.3	282.5	4.2
SUR-21-18	66	282.5	286.9	4.4
SUR-21-18	67	286.9	291.1	4.2
SUR-21-18	68	291.1	295.4	4.3
SUR-21-18	69	295.4	299.6	4.2
SUR-21-18	70	299.6	303.95	4.35
SUR-21-18	71	303.95	308.3	4.35

SUR-21-18	72	308.3	312.5	4.2
SUR-21-18	73	312.5	316.75	4.25
SUR-21-18	74	316.75	321	4.25
SUR-21-18	75	321	325.3	4.3
SUR-21-18	76	325.3	329.6	4.3
SUR-21-18	77	329.6	333.7	4.1
SUR-21-18	78	333.7	338.15	4.45
SUR-21-18	79	338.15	342.4	4.25
SUR-21-18	80	342.4	346.55	4.15
SUR-21-18	81	346.55	350.95	4.4
SUR-21-18	82	350.95	355.3	4.35
SUR-21-18	83	355.3	359.5	4.2
SUR-21-18	84	359.5	363.9	4.4
SUR-21-18	85	363.9	368.5	4.6
SUR-21-18	86	368.5	372.4	3.9
SUR-21-18	87	372.4	376.8	4.4
SUR-21-18	88	376.8	381	4.2
SUR-21-18	89	381	385.45	4.45
SUR-21-18	90	385.45	389.8	4.35
SUR-21-18	91	389.8	394.55	4.75
SUR-21-18	92	394.55	398.25	3.7
SUR-21-18	93	398.25	402.45	4.2
SUR-21-18	94	402.45	406.85	4.4
SUR-21-18	95	406.85	411	4.15

Minroc Management

Project:		Surimeau - Spring-Summer 2021
Hole Number:		**SUR-21-19**
Units of Measurement:		Metres
Location	**NTS Sheet:**	
	Township:	
	Claim No:	
	Grid:	
	Easting:	
	Northing:	
	Elevation:	373
GPS Co-ordinates:	**Zone:**	17U
(if applicable)	**Datum:**	NAD83
	Easting:	698005
	Northing:	5328256
Collar Dip:		-60
Collar Azimuth:		180
Hole Length:		237.7
Core Size:		BTw
Recovery (%)		94.33
Logged By:		Francis Newton
Date:	**Start:**	16-Jun-21
	Finish:	25-Jun-21
Drilled by:		REXMINE (ROBY)
Date:	**Start:**	14-Jun-21
	Finish:	20-Jun-21

	INCLINATION TESTS			
	DEPTH	**DIP**	**AZIMUTH**	(RAW)
Mag	**COLLAR**	-60.0	0.0	
60002	30	-61.51	2.62	14.62
60182	60	-61.83	3.99	15.99
60644	93	-62.13	4.11	16.11
60567	129	-62.25	1.31	13.31
59948	165	-62.12	4.54	16.54
58243	237.5	-61.33	9.3	21.3

Comments
Drilled from SUR-21-12 collar due north for deeper intercept of structure and mineralization. Hole stopped at 237.5m, max depth possible of drill for this hole.
QA/QC info
Blank 1: Appalache Valley Pierre Decorative Stone
Standard-1: GEOSTATS GMB300-10C email : pjh@geostats.com.au

Minroc Management

FROM	TO	LITHO	Desc	Angle TCA
0	**1.5**	**OB**	**Overburden**	
1.5	**237.7**	**V4**	**Fine grained and foliated assemblage of fibrous pyroxene or amphibole with minor carbonate. Replacement of massive finely granular to cumulate komatiite flows showing minor flow top breccia over 0.3-0.5 meter intervals associated with serpentinization crack patterns. Magnetite bearing xenoliths from 108.6-120.9 m.226.8-237.7m(EOH). Numerous en-echelon carb veinlets coinciding with mod to strong amphibolization and biotitization , often seen as 2-3m bands eg 149.25-157.2m, 194.6-196.8m,204.8-207.8m oriented 15-40 deg TCA. Bifringent pyroxene occasionally for eg from 222-237.7m**	
Structure				
1.5	40	JOINTS	Numerous joints at 25-30 deg TCA	
15.7	17.3	BLOCKY	Blocky core within zone of strong amphibolization and biotitization , very blocky from 15.7-16.2m	
37.5	37.8	BLOCKY	Slight blockiness due to joint	
47.3	48	BLOCKY	Slight blockiness due to joint	
47	58.7	CARB	Occasional fine stringers and wispy carb veinlets	
68	68.2	CARB	Occasional fine stringers and wispy carb veinlets	
62.3	62.8	JOINT	downhole fracture	
70.6	71	CARB	few wispy blebs	
81.55	81.65	M1	narrow band chloritic ultramafic schist along a 45deg joint plane, minor slickensides present	45
93.3	93.35	QZ-CA	approx 2 cm qz-ca vein with sharp margins , narrow joints around , cross cutting foliation	90
95	99	JOINTS	Slightly jointed , shallow 10-20 deg TCA joints	20
108.4	108.7	QZ-CA	Fine qz-ca veinlet	
105	108	JOINT	frequent 30-40deg TCA joints, often with py+hem along joint planes	
118.95	119.6	QZ-CA	Downhole, qz-ca veinlet with sharp margins 1mm - 5 cm	
120.9	126	JOINT	frequent 30-40deg TCA joints	
124.5	125.3	CARB	1-5mm carb fractures and stringers, roughly oriented 40deg TCA	40
142.7	149.25	MT	frequent 1-3mm magnetite fractures/veinlets, form x-pattern oriented 45deg and 25deg TCA	
149.25	157.2	CARB	1mm-2cm carb veinlets and stringers, en-echelon, gradually shallow from 30deg TCA to nearly downhole. Coarse anthophyllite crystals present around veinlets and stringers.	
167	169.9	CARB	1mm-2cm carb veinlets and stringers, en-echelon, oriented less than 10deg TCA. Coarse anthophyllite crystals present around veinlets and stringers.	15
176.3	176.45	CHERT	bands of fine grained chert within zone of strong silicification.	
194.6	195.5	QZ-CA-AB	2-5 cm alternating bands of qz-ab-ca often at 40 deg TCA , coinciding with bands of mod to strong amphibolization and biotitization	30
204.8	207.8	QZ-CA-AB	2-5 cm alternating bands of qz-ab-ca often at 40 deg TCA , coinciding with bands of mod to strong amphibolization and biotitization	40
228.15	228.25	QZ-CA-AB	5 cm qz-ab vein irregular, sharp margins , weakly brecciated with host rock fragments	
230.85	230.89	BT / Joint	3-5 cm band of coarse biotite along and around 45 deg TCA joint	45
Alteration				
15.7	19	BT	Mod to strong biotitization , strongest from 15.7-17.8m	
15.7	19	HB	Mod to strong amphibolization , strongest from 15.7-17.8 m	
47	74.5	BT	Weak to patchy mod biotitization throughout , strongest from 47.3-59.8m , 62.3-64.3m(med to coarse bt stringers and blebs ,	
79.2	87.5	BT	Weak to patchy mod biotitization throughout , strongest from 86.5-87.5, biotitization starts sharply after a joint	
93	102	BT , HB	Weak to patchy mod biotitization and amphibolization throughout ,often in stringers or bands	
108	120.9	BT	weak biotitization	
112.3	113	HB	Strong greenish amphibolization around a joint	
112.3	113	BT	Strong biotitization around a joint	
123.4	124.5	HB	mod to strong amphibolization	
124.5	125.3	CARB	1-5mm carb fractures and stringers, roughly oriented 40deg TCA	40
149.25	157.2	CARB, ANTH	1mm-2cm carb veinlets and stringers, en-echelon, gradually shallow from 30deg TCA to nearly downhole. Coarse anthophyllite crystals present around veinlets and stringers.	

167	169.9	CARB, ANTH	1mm-2cm carb veinlets and stringers, en-echelon, oriented less than 10deg TCA. Coarse anthophyllite crystals present around veinlets and stringers.	15
169.6		ANTH, BT	bands of weak to mod biotitization and anthophyllite alt	
175.5	176.7	SIL	weakly silicified, band of mod to strong silicification 176.3-176.55m.	
176.3	176.55	CARB, CHL	Rare carb-filled and chl rimmed fractures within band of strong silicification	
176.7	185.2	BT, HB	mod to strong amphibolization and bands of biotitization	
194.6	196.8	BT, HB	mod to strong amphibolization and bands of biotitization	
204.8	207.8	BT, HB	mod to strong amphibolization and bands of biotitization	
Mineralization				
1.5	100.5	PY, PO	very infrequent traces of fine pyrite and pyrrhotite.	
100.5	105	PY, PO	Trace to 1 % fine to med py and po disseminations	
105	108	PY	frequent 30-40deg TCA joints, often with py+hem along joint planes	
142.7	149.25	MT	frequent 1-3mm magnetite fractures/veinlets, form x-pattern oriented 45deg and 25deg TCA	
152	153	PY,PO	Trace to 1 % fine to med py and po	
169.6	175.5	PY,PO	trace to 1% fine to med py and po, increasing mineralization towards bottom of interval. Mineralization weakly disseminated along 45deg TCA trend	45
175.5	176	PY,PO	5-10% fine to med diss py and po, concentrated as bands oriented 45deg TCA	45
176	176.7	PY,PO,CPY,SPH	Strongly mineralized, clotty stringers of cpy (5%), semi-massive py+po (15-20%), sph present up to 2%. Bands of sulfide generally oriented 45deg TCA.	45
176.7	178.65	PY,PO	bands of 5-10% fine to med diss py and po	
178.65	185.2	PO	trace to up to 1% fine to med diss po, gradually decreasing in concentrations towards end of interval.	
185.2	237.7	PY	Trace up to 1 % fine diss py , often locally concentrated	

SAMPLES			Surimeau - Spring-Summer 2021				SUR-21-19		PAGE: 4		
Sample	**From m**	**To m**	**Length**	**DESCRIPTION**	**Au g/t**						
48501	1.5	3	1.50	v4							
48502			0.00	Blank 1: Appalache Valley Pierre Decorative Stone							
48503	3	4.5	1.50	v4							
48504	4.5	6	1.50	v4							
48505			0.00	Standard-1: GEOSTATS GMB300-10C email : pjh@geostats.com.au							
48506	6	7.5	1.50	v4							
48507	7.5	9	1.50	v4							
48508	9	10.5	1.50	v4							
48509	10.5	12	1.50	v4							
48510	12	13.5	1.50	v4							
48511	13.5	15	1.50	v4							
48512			0.00	Coarse Reject of previous sample							
48513	15	16.5	1.50	v4 + hb + bt strong							
48514	16.5	18	1.50	v4 + hb + bt strong							
48515			0.00	Quarter Cut of previous samples							
48516	18	19.5	1.50	v4 + bt + hb							
48517	19.5	21	1.50	v4							
48518	21	22.5	1.50	v4							
48519	22.5	24	1.50	v4							
48520	24	25.5	1.50	v4							
48521	25.5	27	1.50	v4							
48522			0.00	Blank 1: Appalache Valley Pierre Decorative Stone							
48523	27	28.5	1.50	v4 + serp cumuate							
48524	28.5	30	1.50	v4 + serp cumuate							
48525	30	31.5	1.50	v4							
48526	31.5	33	1.50	v4							
48527	33	34.5	1.50	v4							
48528	34.5	36	1.50	v4							
48529	36	37.5	1.50	v4							
48530	37.5	39	1.50	v4							
48531	39	40.5	1.50	v4							
48532	40.5	42	1.50	v4							
48533	42	43.5	1.50	v4							
48534	43.5	45	1.50	v4							
48535	45	46.5	1.50	v4							
48536	46.5	48	1.50	v4 + bt							

48537	48	49.5	1.50	v4 + bt
48538	49.5	51	1.50	v4 + bt
48539	51	52.5	1.50	v4 + bt + hb
48540	52.5	54	1.50	v4 + bt + hb
48541	54	55.5	1.50	v4 + tr py
48542			0.00	Quarter Cut of previous sample
48543	55.5	57	1.50	v4 + bt
48544	57	58.5	1.50	v4
48545			0.00	Coarse Reject of previous sample
48546	58.5	60	1.50	v4
48547	60	61.5	1.50	v4
48548	61.5	63	1.50	v4
48549	63	64.5	1.50	v4 + bt
48550	64.5	66	1.50	v4 + bt
48551	66	67.5	1.50	v4 + bt + hb
48552			0.00	Blank 1: Appalache Valley Pierre Decorative Stone
48553	67.5	69	1.50	v4 + bt + hb
48554	69	70.5	1.50	v4 + bt + hb
48555	70.5	72	1.50	v4 + bt + hb
48556	72	73.5	1.50	v4 + bt + hb
48557	73.5	75	1.50	v4 + bt + hb
48558	75	76.5	1.50	v4
48559	76.5	78	1.50	v4
48560	78	79.5	1.50	v4
48561	79.5	81	1.50	v4+bt
48562			0.00	Coarse Reject of previous sample
48563	81	82.5	1.50	v4+bt
48564	82.5	84	1.50	v4+bt
48565			0.00	Quarter Cut of previous samples
48566	84	85.5	1.50	v4+bt
48567	85.5	87	1.50	v4+bt(strongest)
48568	87	88.5	1.50	v4+bt
48569	88.5	90	1.50	v4
48570	90	91.5	1.50	v4
48571	91.5	93	1.50	v4
48572			0.00	Blank 1: Appalache Valley Pierre Decorative Stone
48573	93	94.5	1.50	v4+bt+ qz-ca vein at 93.3
48574	94.5	96	1.50	v4+bt
48575	96	97.5	1.50	v4+bt
48576	97.5	99	1.50	v4+bt
48577	99	100.5	1.50	v4+bt

48578	100.5	102	1.50	v4 + py (tr-1%)
48579	102	103.5	1.50	v4 + py (tr-1%)
48580	103.5	105	1.50	v4 + py + muscovite
48581	105	106.5	1.50	v4 + py + muscovite
48582	106.5	108	1.50	v4
48583	108	109.5	1.50	v4 + xenos + musc
48584	109.5	111	1.50	v4 + xenos + musc + qz-ca
48585	111	112.3	1.30	v4 + xenos + musc + qz-ca
48586	112.3	113	0.70	v4 + xenos + musc + qz-ca + intense hb+bt along joint
48587	113	114	1.00	v4 + xenos
48588	114	115.5	1.50	v4 + xenos
48589	115.5	117	1.50	v4 + xenos
48590	117	118.5	1.50	v4 + xenos
48591	118.5	120	1.50	v4 + xenos + qz-ca
48592			0.00	Quarter Cut of previous sample
48593	120	121.5	1.50	v4 + xenos + qz-ca
48594	121.5	123	1.50	v4
48595			0.00	Coarse Reject of previous sample
48596	123	124.5	1.50	v4 + hb + anth + ca str
48597	124.5	126	1.50	v4 + chl + ca str
48598	126	127.5	1.50	v4
48599	127.5	129	1.50	v4
48600	129	130.5	1.50	v4
48601	130.5	132	1.50	v4
48602			0.00	Blank 1: Appalache Valley Pierre Decorative Stone
48603	132	133.5	1.50	v4
48604	133.5	135	1.50	v4
48605	135	136.5	1.50	v4
48606	136.5	138	1.50	v4
48607	138	139.5	1.50	v4
48608	139.5	141	1.50	v4
48609	141	142.5	1.50	v4
48610	142.5	144	1.50	v4
48611	144	145.5	1.50	v4 + mt str
48612			0.00	Coarse Reject of previous sample
48613	145.5	147	1.50	v4 + mt str
48614	147	148.5	1.50	v4 + mt str
48615			0.00	Quarter Cut of previous samples
48616	148.5	150	1.50	v4 + mt str
48617	150	151.5	1.50	v4
48618	151.5	153	1.50	v4 + ca veinlets

48619	153	154.5	1.50	v4 + ca veinlets
48620	154.5	156	1.50	v4 + ca veinlets
48621	156	157.5	1.50	v4 + ca veinlets
48622			0.00	Blank 1: Appalache Valley Pierre Decorative Stone
48623	157.5	159	1.50	v4
48624	159	160.5	1.50	v4 + ca
48625	160.5	162	1.50	v4 + ca
48626	162	163.5	1.50	v4 + ca
48627	163.5	165	1.50	v4 + ca
48628	165	166.5	1.50	v4 + ca
48629	166.5	168	1.50	v4 + ca
48630	168	168.8	0.80	v4 + ca
48631	168.8	169.6	0.80	v4 + ca
48632	169.6	171	1.40	v4 + bt + py
48633	171	172.5	1.50	v4 + bt + py
48634	172.5	174	1.50	v4 + bt + py
48635	174	175.5	1.50	v4 + bt + py
48636	175.5	176.7	1.20	v4 + sil + cpy, po, py, sph
48637	176.7	177.45	0.75	v4 + py, po
48638	177.45	178.5	1.05	v4 + bt + po
48639	178.5	180	1.50	v4 + bt + po
48640	180	181	1.00	v4 + bt + qz + po
48641	181	182.5	1.50	v4 + bt
48642				Quarter Cut of previous sample
48643	182.5	184	1.50	v4 + bt + hb
48644	184	185.2	1.20	v4 + bt + hb
48645				Coarse Reject of previous sample
48646	185.2	186.5	1.30	v4
48647	186.5	188	1.50	v4
48648	188	189	1.00	v4
48649	189	190.5	1.50	v4
48650	190.5	192	1.50	v4
48651	192	193.5	1.50	v4
48652			0.00	Blank 1: Appalache Valley Pierre Decorative Stone
48653	193.5	195	1.50	v4 + hb + carb + bt
48654	195	196	1.00	v4 + hb + carb + bt
48655			0.00	Standard-1: GEOSTATS GMB300-10C email : pjh@geostats.com.au
48656	196	196.8	0.80	v4 + intense hb+bt
48657	196.8	198	1.20	v4
48658	198	199.5	1.50	v4
48659	199.5	201	1.50	v4

48660	201	202.5	1.50	v4 + musc + ca veins
48661	202.5	204	1.50	v4 + musc + ca veins
48662			0.00	Coarse Reject of previous sample
48663	204	205.5	1.50	v4 + qz-ca, foliated
48664	205.5	207	1.50	v4 + qz-ca + musc veins + hb
48665			0.00	Quarter Cut of previous samples
48666	207	208.5	1.50	v4 + musc + magnetite
48667	208.5	210	1.50	v4 + mt
48668	210	211.5	1.50	v4
48669	211.5	213	1.50	v4
48670	213	214.5	1.50	v4 + ca joints
48671	214.5	216	1.50	v4
48672			0.00	Blank 1: Appalache Valley Pierre Decorative Stone
48673	216	217.5	1.50	v4
48674	217.5	219	1.50	v4
48675	219	220.5	1.50	v4
48676	220.5	222	1.50	v4 + opx-musc
48677	222	223.5	1.50	v4 + opx-musc
48678	223.5	225	1.50	v4
48679	225	226.5	1.50	v4
48680	226.5	228	1.50	v4 + xeno + mag
48681	228	229.5	1.50	v4 + xeno + mag
48682	229.5	231	1.50	v4 + xenos (mag) + hb on joint
48683	231	232.5	1.50	v4 + musc
48684	232.5	234	1.50	v4 + xenos
48685	234	235.5	1.50	v4
48686	235.5	236.5	1.00	v4 + musc + opx
48687	236.5	237.7	1.20	v4 + musc + opx

RQD			Surimeau - Spring-Summer 2021		SUR-21-19		PAGE: 3						
FROM	TO	Length Core Run	Σ pieces >10cm	RQD %									
1.5	3	1.5	1.3	86.67									
3	6	3	2.15	71.67									
6	9	3	2.4	80.00									
9	12	3	2.9	96.67									
12	15	3	2.7	90.00									
15	18	3	1.7	56.67									
18	21	3	2.8	93.33									
21	24	3	2.8	93.33									
24	27	3	2.8	93.33									
27	30	3	2.6	86.67	94.33								
30	33	3	2.75	91.67									
33	36	3	3	100.00									
36	39	3	2.7	90.00									
39	42	3	3	100.00									
42	45	3	3	100.00									
45	48	3	2.6	86.67									
48	51	3	2.8	93.33									
51	54	3	2.9	96.67									
54	57	3	2.75	91.67									
57	60	3	2.8	93.33									
60	63	3	2.3	76.67									
63	66	3	2.6	86.67									
66	69	3	2.8	93.33									
69	72	3	2.8	93.33									
72	75	3	3	100.00									
75	78	3	3	100.00									
78	81	3	3	100.00									
81	84	3	2.9	96.67									
84	87	3	2.9	96.67									
87	90	3	2.6	86.67									
90	93	3	3	100.00									

93	96	3	2.9	96.67
96	99	3	2.2	73.33
99	102	3	2.9	96.67
102	105	3	2.9	96.67
105	108	3	2.5	83.33
108	111	3	2.95	98.33
111	114	3	2.9	96.67
114	117	3	2.9	96.67
117	120	3	2.7	90.00
120	123	3	3	100.00
123	126	3	3	100.00
126	129	3	3	100.00
129	132	3	2.9	96.67
132	135	3	2.9	96.67
135	138	3	3	100.00
138	141	3	3	100.00
141	144	3	2.75	91.67
144	147	3	2.9	96.67
147	150	3	3	100.00
150	153	3	3	100.00
153	156	3	3	100.00
156	159	3	3	100.00
159	162	3	3	100.00
162	165	3	3	100.00
165	168	3	2.9	96.67
168	171	3	2.9	96.67
171	174	3	3	100.00
174	177	3	3	100.00
177	180	3	3	100.00
180	183	3	3	100.00
183	186	3	2.9	96.67
186	189	3	2.9	96.67
189	192	3	2.9	96.67
192	195	3	3	100.00
195	198	3	2.65	88.33
198	201	3	3	100.00
201	204	3	2.9	96.67
204	207	3	2.8	93.33
207	210	3	2.8	93.33
210	213	3	3	100.00

213	216	3	2.4	80.00
216	219	3	2.9	96.67
219	222	3	2.9	96.67
222	225	3	3	100.00
225	228	3	2.8	93.33
228	231	3	2.9	96.67
231	234	3	2.9	96.67
234	237	3	3	100.00
237	237.7	0.7	0.7	100.00

Box Lengths			Surimeau - Spring-Summer 2021		SUR-21-19					PAGE: 5	
DDH	Box Number	From m	To m	Box Length	DDH	Box Number	From m	To m	Box Length		
SUR-21-19	1	1.5	5.75	4.25							
SUR-21-19	2	5.75	10.15	4.4							
SUR-21-19	3	10.15	14.4	4.25							
SUR-21-19	4	14.4	18.7	4.3							
SUR-21-19	5	18.7	23.1	4.4							
SUR-21-19	6	23.1	27.4	4.3							
SUR-21-19	7	27.4	31.75	4.35							
SUR-21-19	8	31.75	36	4.25							
SUR-21-19	9	36	40.4	4.4							
SUR-21-19	10	40.4	44.85	4.45							
SUR-21-19	11	44.85	49	4.15							
SUR-21-19	12	49	53.35	4.35							
SUR-21-19	13	53.35	57.65	4.3							
SUR-21-19	14	57.65	61.9	4.25							
SUR-21-19	15	61.9	66.25	4.35							
SUR-21-19	16	66.25	70.6	4.35							
SUR-21-19	17	70.6	74.9	4.3							
SUR-21-19	18	74.9	79.2	4.3							
SUR-21-19	19	79.2	83.7	4.5							
SUR-21-19	20	83.7	87.8	4.1							
SUR-21-19	21	87.8	92.1	4.3							
SUR-21-19	22	92.1	96.45	4.35							
SUR-21-19	23	96.45	101	4.55							
SUR-21-19	24	101	105.2	4.2							
SUR-21-19	25	105.2	109.5	4.3							
SUR-21-19	26	109.5	114	4.5							
SUR-21-19	27	114	118.3	4.3							
SUR-21-19	28	118.3	122.45	4.15							
SUR-21-19	29	122.45	126.7	4.25							
SUR-21-19	30	126.7	131.15	4.45							
SUR-21-19	31	131.15	135.45	4.3							

SUR-21-19	32	135.45	139.9	4.45
SUR-21-19	33	139.9	144.3	4.4
SUR-21-19	34	144.3	148.65	4.35
SUR-21-19	35	148.65	153	4.35
SUR-21-19	36	153	157.2	4.2
SUR-21-19	37	157.2	161.7	4.5
SUR-21-19	38	161.7	165.95	4.25
SUR-21-19	39	165.95	170.4	4.45
SUR-21-19	40	170.4	174.7	4.3
SUR-21-19	41	174.7	179.2	4.5
SUR-21-19	42	179.2	183.55	4.35
SUR-21-19	43	183.55	187.9	4.35
SUR-21-19	44	187.9	192.3	4.4
SUR-21-19	45	192.3	196.6	4.3
SUR-21-19	46	196.6	201	4.4
SUR-21-19	47	201	205.4	4.4
SUR-21-19	48	205.4	209.8	4.4
SUR-21-19	49	209.8	214.1	4.3
SUR-21-19	50	214.1	218.6	4.5
SUR-21-19	51	218.6	222.9	4.3
SUR-21-19	52	222.9	227.3	4.4
SUR-21-19	53	227.3	231.6	4.3
SUR-21-19	54	231.6	236.1	4.5
SUR-21-19	55	236.1	237.7	1.6

Minroc Management

Project:		Surimeau - Spring-Summer 2021
Hole Number:		**SUR-21-20**
Units of Measurement:		Metres
Location	**NTS Sheet:**	
	Township:	
	Claim No:	
	Grid:	
	Easting:	
	Northing:	
	Elevation:	373
GPS Co-ordinates:	**Zone:**	17U
(if applicable)	**Datum:**	NAD83
	Easting:	696858
	Northing:	5328158
Collar Dip:		-60
Collar Azimuth:		180
Hole Length:		212.25
Core Size:		BTw
Recovery (%)		95.87
Logged By:		Francis Newton
Date:	**Start:**	30-Jun-21
	Finish:	24-Jul-21
Drilled by:		REXMINE (ROBY)
Date:	**Start:**	21-Jun-21
	Finish:	02-Jul-21

	INCLINATION TESTS			
	DEPTH	**DIP**	**AZIMUTH**	(RAW)
Mag	**COLLAR**	-60.0	0.0	
60630	102	-60.46	7.99	19.99
61909	156	-59.54	6.85	18.85
61814	201	-58.85	9.83	21.83

Comments

Drilled North from SUR-21-07 for a deeper intercept of structure and mineralization seen in SUR-21-06 and SUR-21-18.

QA/QC info

Blank 1: Appalache Valley Pierre Decorative Stone

Standard-1: GEOSTATS GMB300-10C email : pjh@geostats.com.au

Minroc Management

FROM	TO	LITHO	Desc	Angle TCA
0	**1.5**	**OB**	**Overburden**	
1.5	**118.3**	**V4**	**Fine grained and foliated assemblage of fibrous pyroxene or amphibole with minor carbonate, bluish grey ultramafics , with occasional 45-50 deg TCA joints. Replacement of massive finely granular to cumulate komatiite flows showing minor flow top breccia over 0.3-0.5 meter intervals associated with serpentinization crack patterns from 74m-91.8m and again from 98-118.3m.**	
Structure				
1.5	37	JOINTS	Occasional 45-50 deg TCA joints	
1.8	3	QZ-CA	Qz-ca along a shallow/ downhole joint	
30.6	31.1	QZ-CA	Qz-ca along a shallow/ downhole joint	
36.8	37.8	GRAPHITE	1-4mm graphite-filled fracture oriented approximately down-hole	
37	37.1	QZ-CA	irregular qz-ca veinlet with semi-massive pentlandite, coarse cpy and po, graphite along the joint	
49	55.5	CA, QZ-AB	occasional 1-3mm carb stringers/veinlets generally oriented around 40deg TCA + occasional 2-5mm qz-ab veinlets	40
54.3	55.5	QZ-CA, FRACTURE	down-hole fracture with qz-ca along fracture	
62.6	72.2	QZ-CA	wispy 1-5cm qz-ca veining, generally oriented down-hole, wispy blue-grey and rare clotty biotite. Coarse tremolite along vein walls.	
74.5	84	QZ-AB	irregular, often down-hole qz-ab veinlets (0.5-1.5cm), give appearance of brecciation - possibly flow-top?	
91.5	97.5	QZ-AB	frequent 10-30cm bands of irregular qz-ab veinlets, mottled texture, oriented various directions.	
Alteration				
1.5	48.9	BT	Patchy weak to mod biotitization occasionally stronger around joints	
48.9	54	BT, HB	Weak to patchy mod biotitization and amphibolization throughout, stronger along fractures and/or joints	
62	72.2	BT	Weak to patchy mod biotitization and amphibolization throughout, stronger along fractures and/or joints	
62.6	72.2	QZ-CA, TREMO	wispy qz-ca veining and alteration around veining + tremolite along vein walls, coarser and stronger tremolite 69.5-71m	
72.2	75	BT, TREMO	very strongly biotitized with coarse bt and tremo, nearly bt-schist. Weak foliation down-hole.	
75	99.3	QZ-AB, TREMO, BT	irregular qz-ab veining and alteration around veining + tremolite along vein walls, coarser and stronger tremolite 69.5-71m, local patches of weak to mod biotitization	
99.3	102	QZ-AB, TREMO, BT	irregular qz-ab veining and alteration around veining + tremolite along vein walls, mod to strong biotitization	
102	118.3	QZ-AB, TREMO, BT	irregular qz-ab veining and alteration around veining + tremolite along vein walls, local patches of weak to mod biotitization	
Mineralization				
1.5	9	PY,PO	trace to patchy 1 % fine po/py	
15	19.5	PY,PO, SPH	trace to patchy 2% fine po/py, trace sphalerite	
19.5	37	PY,PO, SPH	trace to patchy 1% fine po/py	
37	37.1	PENT, CPY, PO	irregular qz-ca veinlet with semi-massive pentlandite, coarse cpy and po	
47.8	54	PO, PY	approximately 1-2% fine diss po and trace py	
54	66.3	PO, PY	trace to 1% Po	
66.3	72.2	PO, PY	trace Po and Py	
75	118.3	PO, PY	trace to 1% fine to med diss py and po, locally up to 2% (ex: 76.5m, 83.2m, 107-108m). Qz-ab vein 97.3-97.5m with 3-5% mod diss po.	
79.3	80.3	MO	1-2% fine to med molybdenite stringer(s) along joints (XRF = 0.1% Ni + 40% Mo)	
118.3	**123.8**	**V4**	**Grey to green. Fine grain and foliated assemblage of fibrous pyroxene or amphibole with minor carbonate. Altered with calc-silicate (cr-diopside) throughout, with frequent bright green cr-diopside and garnet crystals 121-123.5). PO, trace, sub-millimetric randomly disseminated over metric intervals. Gradual lower contact to underlying graphitic mudstone.**	
Structure				

118.3	123.8	CARB	frequent 1-3mm blue-grey carb veinlets, irregular but generally oriented approx 30deg TCA	30
Alteration				
118.3	123.8	CALC-SIL, CARB	CALC-SILICATE - plagioclase matrix with Cr-diopside-Cr tremolite and occasional bright green Cr-grossular. Hosting 5% plagioclase veins of varied orientations. Pyrrhotite-bearing. Frequent 1-3mm irregular blue-grey carb veinlets (fizz with HCl).	
Mineralization				
118.3	122.85	PO, PY	PO, PY, trace to 3%, 1-3mm fine crystals	
121.5	121.5	XRF SCAN	XRF: 0.6% Cr, 700ppm NI	
122.85	123.8	PO,PY	PO,PY, 5-10%, 1-3mm fine crystals, disseminated throughout, becomes stronger towards bottom of interval.	
123.8	**128.3**	**S6gp**	**Bed of graphitic mudstone, regular bedding at approx 35deg TCA. Dark grey to black colour. Millimetre-centimeter scale carb stringers concordant to bedding. Sulfide stringers and nodules throughout, along bedding.**	**35**
Structure				
123.8	128.3	CARB	mm-cm scale carb stringers along bedding, around sulfides	35
Mineralization				
123.8	128.3	PO, PY, SPH, CPY	5-7% sulfide overall, med to coarse clots and stringers of Po, Py, Sph and traces of cpy and pentlandite in fine grained graphitic mudstone, fine to coarse (1-5mm) sulfide stringers and fractures.	
124.2	124.2	XRF SCAN	XRF: 0.64% Ni, 270ppm Cu, 800ppm Zn	
125	125	XRF SCAN	XRF: 2.54% Zn, 1.8% Cu, 500ppm Ni	
128.3	**173.3**	**V4, S6gp**	**Fine grained and foliated assemblage of fibrous pyroxene or amphibole with minor carbonate, bluish grey ultramafics , with occasional 45-50 deg TCA joints. Replacement of massive finely granular to cumulate komatiite flows showing minor flow top breccia over 0.3-0.5 meter intervals associated with serpentinization crack patterns from 130-145m. Graphitic mudstone mixed with ultramafics 163.6-169.05m, foliated nearly down-hole, fine red chert beds 167.1-168.05m.**	
Structure				
130.5	132	CARB	irregular carb veining	
132	155	QZ-AB	frequent qz-ab veinlets, generally shallow dipping but is occasionally irregular (ex: 135-139m). Primarily dark grey-blue in colour with paler ab along margins. Occasionally mineralized with sulfide within vein.	
155	173.3	QZ-AB-CA	irregular but frequent qz-ab-ca veining 1-3cm thick throughout	
161	161.2	BX	brecciate ultramafics with carb matrix, fragments 3-5cm in side	
Alteration				
128.3	130.5	CALC-SIL, CARB	CALC-SILICATE - plagioclase matrix with Cr-diopside-Cr tremolite and occasional bright green Cr-grossular. Hosting 5% plagioclase veins of varied orientations. Pyrrhotite-bearing. Frequent 1-3mm irregular blue-grey carb veinlets (fizz with HCl).	
130.5	132	CARB	irregular carb veining within ultramafics	
132	147.7	QZ-AB, TREMO, BT	irregular qz-ab veining and alteration around veining + tremolite along vein walls, coarser and stronger tremolite, local patches of weak to mod biotitization	
147.7	173.3	BT, TR, DI, CARB	Green, fine grained unoriented Fe tremolite-biotite assemblage in gradual upper contact. Very strong biotitization, Green, med to coarse crystallized diopside (up to 5mm), Cr bearing. Plagioclase matrix? (dark grey veinlets throughout, oriented randomly). Frequent patches of irregular qz-ca and carb veining 1-5cm thick	
Mineralization				
128.3	130.5	PO,PY	PO, PY, trace to 3%, 1-3mm fine crystals	
130.5	147.7	PY,PO	trace to patchy 1 % fine po/py	
147.7	163.6	PY,PO, SPH, CPY	1-5% sulfide, frequent bands of higher concentrations throughout. Traces of cpy.	
155.15	155.15	XRF	XRF: 0.5% Ni, 0.13% Co, 200ppm Cu, 200ppm Zn	
157.6	157.6	XRF	XRF: 0.28% Cu, 600ppm Ni, 20ppm Zn	
162.1	162.1	XRF	XRF: 0.14% Ni, 600ppm Cu, 180ppm Zn	
163.2	163.2	XRF	XRF: 0.1% Zn, 2.2% Cu, 200ppm Ni	
163.6	169.05	PY,PO, SPH, CPY	5-10% sulfide, traces of cpy, strongest sphalerite 164-164.25m. Occasional sulfide nodules in bands of graphitic mudstone.	
164.55	164.55	XRF	XRF: 0.3% Ni, 300ppn Zn, 300ppm Co	
167.25	167.25	XRF	XRF: 0.12 Ni, 0.12% Cu, 600ppn Zn, 600ppm Co	

166.75	166.75	XRF	XRF: 0.4% Ni	
167	167	XRF	XRF: 0.5% Ni, 0.15%Co	
167.5	167.5	XRF	XRF: 0.1% Ni, 1.8% Zn, 600ppm CU	
168.5	168.5	XRF	XRF: 0.12% Ni, 0.2% Cu, 6% Zn	
170.6	170.6	XRF	XRF: 0.125 Ni	
171.5	171.5	XRF	XRF: 0.2% Ni, 0.15% Cu	
173.5	173.5	XRF	XRF: 0.5% Ni	
177.7	177.7	XRF	XRF: 0.255 Ni, 0.3% Zn	
180.25	180.25	XRF	XRF: 0.25% Ni, 0.15% Co, 400ppm Zn	
173.3	**180.35**	**S6gp**	**Bed of graphitic mudstone, regular bedding at approx 45deg TCA. Dark grey to black colour. Millimetre-centimeter scale carb stringers concordant to bedding. Sulfide stringers and nodules throughout, along bedding.**	**45**
Structure				
173.3	180.35	CARB	mm-cm scale carb stringers along bedding, around sulfides	
177.5	180	BX	weakly brecciated graphitic mudstone, filled with ca stringers	
Mineralization				
173.3	180.35	PO, PY, SPH, PENT, CPY	5-7% sulfide overall, med to coarse clots and stringers of Po, Py, Sph and Pent and traces of cpy and pentlandite in fine grained graphitic mudstone, fine to coarse (1-5mm) sulfide stringers and fractures.	
180.35	**197.45**	**V4, S6gp**	**Fine grained and foliated assemblage of fibrous pyroxene or amphibole with minor carbonate, bluish grey ultramafics , with occasional 45-50 deg TCA joints. Replacement of massive finely granular to cumulate komatiite flows showing minor flow top breccia over 0.3-0.5 meter intervals associated with serpentinization crack patterns from 130-145m. Graphitic mudstone 185.4-186.5m, foliated nearly down-hole. Possible mixed sediments and ultramafics with fine red ankerite 194.1-197.45m and creamy brownish chert 195.45-196m.**	
Structure				
180.35	197.45	QZ-AB-CA	frequent qz-ab veinlets, generally shallow dipping but is occasionally irregular (ex: 135-139m). Primarily dark grey-blue in colour with paler ab along margins. Occasionally mineralized with sulfide within vein. Irregular qz-ab-ca veining throughout as well.	
194.1	197.45	SIL-CA	possible mixed sediments and ultramafics? Red-ankerite present throughout, creamy brownish-grey chert 195.45-196m	40
Alteration				
180.35	185.6	CALC-SIL, TREMO, BT, CARB	CALC-SILICATE - plagioclase matrix with Cr-diopside-Cr tremolite and occasional bright green Cr-grossular. Hosting 5% plagioclase veins of varied orientations. Pyrrhotite-bearing. Frequent 1-3mm irregular blue-grey carb veinlets (fizz with HCl).	
185.6	186.5	CARB	irregular carb veining within bed of graphitic mudstone	
186.5	193.5	CALC-SIL, TREMO, BT, CARB	CALC-SILICATE - plagioclase matrix with Cr-diopside-Cr tremolite and occasional bright green Cr-grossular. Hosting 5% plagioclase veins of varied orientations. Pyrrhotite-bearing. Frequent 1-3mm irregular blue-grey carb veinlets (fizz with HCl).	
193.5	197.45	TREMO, DI, BT, QZ-AB, SIL- CA	Contact zone between ultramafics and qfp below. Mix of qz-ab and ca veinlets/stringers, red ankerite (194-195.45m), patches of cr-diopside-cr-tremolite. Po-bearing.	
Mineralization				
180.35	185.6	PY,PO, SPH, PENT, CPY	1-5% sulfide, fine to med diss throughout + frequent coarse sulfide stringers throughout . Traces of cpy and pent	
185.6	186.5	PO,PY	5-7% sulfide overall, med to coarse clots and stringers of Po, Py, fine to coarse (1-5mm) sulfide stringers and fractures.	
186.1	186.1	XRF	XRF: 0.3% Ni, 0.15% Co, 0.2% Cu, 650ppm Zn	
186.5	197.45	PO,PY	1-5% sulfide, fine to med diss throughout + frequent fine to med stringers throughout	
192.4	192.4	XRF	XRF: 300ppm Ni, 200ppm Zn	
195.35	195.35	XRF	XRF: 0.15% Zn	
197.45	**205.7**	**QFP**	**QFP, blue-grey colour, massive, fine to med bt throughout. Trace sulfide throughout.**	
Mineralization				
197.45	205.7	PY	trace fine to med py throughout	

205.7	**212.25**	**V4**	**Fine grained and foliated assemblage of fibrous pyroxene or amphibole with minor carbonate, bluish grey ultramafics , with occasional 45-50 deg TCA joints. Replacement of massive finely granular to cumulate komatiite flows showing minor flow top breccia over 0.3-0.5 meter intervals associated with serpentinization crack patterns from throughout.**
Structure			
208.5	209	BLOCKY	blocky core
Alteration			
205.7	209.3	BT	Patchy weak to mod biotitization occasionally stronger around joints
Mineralization			
205.7	212.25	PO	trace fine to med po crystals

SAMPLES			Surimeau - Spring-Summer 2021				SUR-21-20			PAGE: 4	
Sample	**From m**	**To m**	**Length**	**DESCRIPTION**	**Au g/t**						
48688	1.5	3	1.50	v4+py/po							
48689	3	4.5	1.50	v4+py/po							
48690	4.5	6	1.50	v4							
48691	6	7.5	1.50	v4							
48692				Quarter Cut of previous sample							
48693	7.5	9	1.50	v4+bt+musc							
48694	9	10.5	1.50	v4+bt+musc							
48695				Coarse Reject of previous sample							
48696	10.5	12	1.50	v4+py/po							
48697	12	13.5	1.50	v4+py/po							
48698	13.5	15	1.50	v4+py/po							
48699	15	16.5	1.50	v4+py/po							
48700	16.5	18	1.50	v4+py/po							
48701	18	19.5	1.50	v4+py/po							
48702				Blank 1: Appalache Valley Pierre Decorative Stone							
48703	19.5	21	1.50	v4+po							
48704	21	22.5	1.50	v4+py/po							
48705	22.5	24	1.50	v4+py/po							
48706	24	25.5	1.50	v4+py/po							
48707	25.5	27	1.50	v4+py/po							
48708	27	28.5	1.50	v4							
48709	28.5	30	1.50	v4							
48710	30	31.5	1.50	bt+qz-ca joints							
48711	31.5	33	1.50	bt+qz-ca joints							
48712				Coarse Reject of previous sample							
48713	33	34.5	1.50	v4							
48714	34.5	36	1.50	v4							
48715				Quarter Cut of previous sample							
48716	36	36.8	0.80	v4							
48717	36.8	37.8	1.00	v4 + ca vei + pent-cpy + graphite fracture							
48718	37.8	39	1.20	v4							
48719	39	40.5	1.50	v4							
48720	40.5	42	1.50	v4							
48721	42	43.5	1.50	v4							
48722				Blank 1: Appalache Valley Pierre Decorative Stone							
48723	43.5	45	1.50	v4							

48724	45	46.5	1.50	v4
48725	46.5	48	1.50	v4
48726	48	49	1.00	v4 + tr po
48727	49	50.5	1.50	v4 + tr po + bt
48728	50.5	51.5	1.00	v4 + tr po + bt
48729	51.5	52.5	1.00	v4 + bt + qz-ca str + tr po
48730	52.5	54	1.50	v4 + tr po
48731	54	55.5	1.50	v4
48732	55.5	57	1.50	v4 + po + qz-ca
48733	57	58.5	1.50	v4 + po
48734	58.5	60	1.50	v4 + po
48735	60	61.5	1.50	v4 + po
48736	61.5	63	1.50	v4 + po + bt
48737	63	64	1.00	v4 + bt along joint + po + qz-ca-ab
48738	64	65	1.00	v4 + bt along joint + po + qz-ca-ab
48739	65	66.5	1.50	v4 + po + qz-ca-ab + tremo+bt
48740	66.5	68	1.50	v4 + po + qz-ca-ab + tremo+bt
48741	68	69.5	1.50	v4 + qz-ab + tremo + bt
48742				Quarter Cut of previous sample
48743	69.5	71	1.50	v4 + qz-ab + tremo + bt
48744	71	72.5	1.50	v4 + qz-ab + tremo + bt
48745				Coarse Reject of previous sample
48746	72.5	74	1.50	v4 + str bt + po
48747	74	75	1.00	v4 + str bt + qz-ca ab
48748	75	76.5	1.50	v4 + bt + qz-ca-ab + tremo
48749	76.5	78	1.50	v4 + bt + qz-ca-ab + tremo
48750	78	79.3	1.30	v4 + bt + qz-ca-ab + tremo
48751	79.3	80.3	1.00	v4 + qz-ca-ab + mo + po
48752				Blank 1: Appalache Valley Pierre Decorative Stone
48753	80.3	81.3	1.00	v4 + qz-ca-ab + mo + po
48754	81.3	82.5	1.20	v4 + qz-ca-ab + po + bt + tremo
48755	82.5	84	1.50	v4 + qz-ca-ab + po + bt + tremo
48756	84	85.5	1.50	v4 + qz-ca-ab + po + bt + tremo
48757	85.5	87	1.50	v4 + qz-ca-ab + po + bt + tremo
48758	87	88.5	1.50	v4 + qz-ca-ab + po + bt + tremo
48759	88.5	90	1.50	v4 + qz-ab
48760	90	91.5	1.50	v4 + qz-ab
48761	91.5	93	1.50	v4 + qz-ab + po
48762				Coarse Reject of previous sample
48763	93	94.5	1.50	v4 + qz-ab vein + po
48764	94.5	96	1.50	v4 + qz-ab vein + po

48765				Quarter Cut of previous samples
48766	96	97.5	1.50	v4 + qz-ab vein + po
48767	97.5	99	1.50	v4 + qz-ab vein + po
48768	99	100.5	1.50	v4 + bt + po
48769	100.5	102	1.50	v4 + bt + po
48770	102	103.5	1.50	v4 + bt + po
48771	103.5	105	1.50	v4 + bt
48772				Blank 1: Appalache Valley Pierre Decorative Stone
48773	105	106.5	1.50	v4 + bt
48774	106.5	108	1.50	v4 + bt
48775	108	109.5	1.50	v4 + bt
48776	109.5	111	1.50	v4 + bt
48777	111	112.5	1.50	v4 + bt
48778	112.5	114	1.50	v4 + bt
48779	114	115.5	1.50	v4 + bt
48780	115.5	117	1.50	v4 + bt + carb
48781	117	118.5	1.50	v4 + bt + carb + po
48782	118.5	120	1.50	v4 calc sil
48783	120	121	1.00	v4 calc sil
48784	121	122.5	1.50	v4 calc sil + po + gar + cr-diop
48785	122.5	123.65	1.15	v4 calc sil + po + gar + cr-diop
48786	123.65	124.5	0.85	s6gp + po + pn + sph
48787	124.5	125.75	1.25	s6gp + po + pn + sph
48788	125.75	126.9	1.15	v4 + po + calc sil
48789	126.9	128.3	1.40	s6gp + po + pn + sph
48790	128.3	129	0.70	v4 + po
48791	129	130.5	1.50	v4 + po + carb
48792				Quarter Cut of previous sample
48793	130.5	132	1.50	v4 + qz-ca + po + bt
48794	132	133.5	1.50	v4 + qz-ab + po + bt
48795				Coarse Reject of previous sample
48796	133.5	135	1.50	v4
48797	135	136.5	1.50	v4
48798	136.5	138	1.50	v4
48799	138	139.5	1.50	v4
48800	139.5	141	1.50	v4
48801	141	142	1.00	v4
48802				Blank 1: Appalache Valley Pierre Decorative Stone
48803	142	143	1.00	v4
48804	143	144.5	1.50	v4
48805				Standard-1: GEOSTATS GMB300-10C email : pjh@geostats.com.au

48806	144.5	146	1.50	v4
48807	146	147	1.00	v4
48808	147	147.7	0.70	v4
48809	147.7	148.5	0.80	v4 + qz-ab + calc sil + po + bt + tremo + po
48810	148.5	150	1.50	v4 + qz-ab + calc sil + po + bt + tremo + po
48811	150	151	1.00	v4 + qz-ab + calc sil + po + bt + tremo + po
48812				Coarse Reject of previous sample
48813	151	152	1.00	v4 + qz-ab + calc sil + po + bt + tremo + po
48814	152	153	1.00	v4 + qz-ab + calc sil + po + bt + tremo + po
48815				Quarter Cut of previous samples
48816	153	154	1.00	v4 + qz-ab + calc sil + po + bt + tremo + po
48817	154	155	1.00	v4 + qz-ab + calc sil + po + bt + tremo + po
48818	155	156	1.00	v4 + qz-ab + calc sil + po + bt + tremo + po
48819	156	157.5	1.50	
48820	157.5	159	1.50	
48821	159	160.5	1.50	
48822				Blank 1: Appalache Valley Pierre Decorative Stone
48823	160.5	162	1.50	v4
48824	162	163	1.00	
48825	163	163.6	0.60	v4 + po
48826	163.6	164.55	0.95	v4 + s6gp + po + py + sph
48827	164.55	165.6	1.05	
48828	165.6	167.1	1.50	
48829	167.1	168.05	0.95	v4 + s6gp + po + qz-ab-ca
48830	168.05	169.05	1.00	v4 + s6gp + py + po + sph
48831	169.05	170.5	1.45	v4 + calc sil + py + po
48832	170.5	172	1.50	
48833	172	173.5	1.50	
48834	173.5	174.5	1.00	s6gp + py + po + carb
48835	174.5	176	1.50	
48836	176	177.5	1.50	
48837	177.5	179	1.50	
48838	179	180.35	1.35	
48839	180.35	181.5	1.15	v4 + trm + tr po
48840	181.5	183	1.50	
48841	183	184.4	1.40	
48842				Quarter Cut of previous sample
48843	184.4	185.4	1.00	
48844	185.4	186.5	1.10	s6gp + po + py + ca
48845				Coarse Reject of previous sample
48846	186.5	188	1.50	v4 + ca + trmo

48847	188	189	1.00	
48848	189	190	1.00	
48849	190	191	1.00	
48850	191	192	1.00	
48851	192	193.5	1.50	
48852				Blank 1: Appalache Valley Pierre Decorative Stone
48853	193.5	195	1.50	
48854	195	196	1.00	v4 + s6? + qz-ab + chert? + py-po str
48855	196	197.45	1.45	
48856	197.45	198.5	1.05	qfp + bt + tr py
48857	198.5	200	1.50	
48858	200	201	1.00	
48859	201	202.5	1.50	
48860	202.5	204	1.50	
48861	204	205.5	1.50	
48862				Coarse Reject of previous sample
48863	205.5	207	1.50	v4
48864	207	208.5	1.50	
48865				Quarter Cut of previous samples
48866	208.5	210	1.50	
48867	210	211.2	1.20	
48868	211.2	212.25	1.05	

RQD			Surimeau - Spring-Summer 2021		SUR-21-20	PAGE: 3
FROM	TO	Length Core Run	Σ pieces >10cm	RQD %		
1.5	3	1.5	0.8	53.33		
3	6	3	2.8	93.33		
6	9	3	2.9	96.67		
9	12	3	3	100.00		
12	15	3	3	100.00		
15	18	3	2.9	96.67		
18	21	3	2.9	96.67		
21	24	3	3	100.00		
24	27	3	3	100.00		
27	30	3	3	100.00	95.87	
30	33	3	2.5	83.33		
33	36	3	3	100.00		
36	39	3	2.9	96.67		
39	42	3	3	100.00		
42	45	3	2.9	96.67		
45	48	3	2.9	96.67		
48	51	3	2.8	93.33		
51	54	3	3	100.00		
54	57	3	2.6	86.67		
57	60	3	2.9	96.67		
60	63	3	3	100.00		
63	66	3	2.75	91.67		
66	69	3	2.85	95.00		
69	72	3	3	100.00		
72	75	3	2.9	96.67		
75	78	3	3	100.00		
78	81	3	2.9	96.67		
81	84	3	2.7	90.00		
84	87	3	3	100.00		
87	90	3	2.7	90.00		
90	93	3	2.95	98.33		

93	96	3	3	100.00
96	99	3	3	100.00
99	102	3	2.9	96.67
102	105	3	3	100.00
105	108	3	2.9	96.67
108	111	3	2.8	93.33
111	114	3	3	100.00
114	117	3	2.9	96.67
117	120	3	2.85	95.00
120	123	3	3	100.00
123	126	3	3	100.00
126	129	3	2.7	90.00
129	132	3	3	100.00
132	135	3	3	100.00
135	138	3	2.9	96.67
138	141	3	3	100.00
141	144	3	3	100.00
144	147	3	3	100.00
147	150	3	2.9	96.67
150	153	3	3	100.00
153	156	3	3	100.00
156	159	3	3	100.00
159	162	3	3	100.00
162	165	3	3	100.00
165	168	3	3	100.00
168	171	3	3	100.00
171	174	3	3	100.00
174	177	3	2.9	96.67
177	180	3	3	100.00
180	183	3	3	100.00
183	186	3	3	100.00
186	189	3	2.9	96.67
189	192	3	3	100.00
192	195	3	2.8	93.33
195	198	3	2.6	86.67
198	201	3	2.9	96.67
201	204	3	2.3	76.67
204	207	3	2.4	80.00
207	210	3	2.2	73.33
210	212.25	2.25	2.25	100.00

Box Lengths			Surimeau - Spring-Summer 2021			SUR-21-20			PAGE: 5	
DDH	Box Number	From m	To m	Box Length	DDH	Box Number	From m	To m	Box Length		
SUR-21-20	1	1.5	5.85	4.35							
SUR-21-20	2	5.85	10.2	4.35							
SUR-21-20	3	10.2	14.65	4.45							
SUR-21-20	4	14.65	18.95	4.3							
SUR-21-20	5	18.95	23.65	4.7							
SUR-21-20	6	23.65	27.7	4.05							
SUR-21-20	7	27.7	32.1	4.4							
SUR-21-20	8	32.1	36.5	4.4							
SUR-21-20	9	36.5	40.9	4.4							
SUR-21-20	10	40.9	45.3	4.4							
SUR-21-20	11	45.3	49.6	4.3							
SUR-21-20	12	49.6	54	4.4							
SUR-21-20	13	54	58.4	4.4							
SUR-21-20	14	58.4	62.8	4.4							
SUR-21-20	15	62.8	67.2	4.4							
SUR-21-20	16	67.2	71.6	4.4							
SUR-21-20	17	71.6	75.9	4.3							
SUR-21-20	18	75.9	81.4	5.5							
SUR-21-20	19	81.4	84.75	3.35							
SUR-21-20	20	84.75	89.1	4.35							
SUR-21-20	21	89.1	93.45	4.35							
SUR-21-20	22	93.45	98	4.55							
SUR-21-20	23	98	102.3	4.3							
SUR-21-20	24	102.3	106.7	4.4							
SUR-21-20	25	106.7	111.05	4.35							
SUR-21-20	26	111.05	115.5	4.45							
SUR-21-20	27	115.5	119.9	4.4							
SUR-21-20	28	119.9	124.3	4.4							
SUR-21-20	29	124.3	128.7	4.4							
SUR-21-20	30	128.7	133	4.3							
SUR-21-20	31	133	137.4	4.4							

SUR-21-20	32	137.4	141.75	4.35
SUR-21-20	33	141.75	146.2	4.45
SUR-21-20	34	146.2	150.6	4.4
SUR-21-20	35	150.6	155	4.4
SUR-21-20	36	155	159.3	4.3
SUR-21-20	37	159.3	163.7	4.4
SUR-21-20	38	163.7	168.05	4.35
SUR-21-20	39	168.05	172.5	4.45
SUR-21-20	40	172.5	176.95	4.45
SUR-21-20	41	176.95	181.3	4.35
SUR-21-20	42	181.3	185.55	4.25
SUR-21-20	43	185.55	190	4.45
SUR-21-20	44	190	194.4	4.4
SUR-21-20	45	194.4	198.7	4.3
SUR-21-20	46	198.7	203.1	4.4
SUR-21-20	47	203.1	207.5	4.4
SUR-21-20	48	207.5	211.7	4.2
SUR-21-20	49	211.7	212.25	0.55

Minroc Management

Project:		Surimeau - Spring-Summer 2021
Hole Number:		**SUR-21-21**
Units of Measurement:		Metres
Location	**NTS Sheet:**	
	Township:	
	Claim No:	
	Grid:	
	Easting:	
	Northing:	
	Elevation:	379
GPS Co-ordinates:	**Zone:**	17U
(if applicable)	**Datum:**	NAD83
	Easting:	697271
	Northing:	5328194
Collar Dip:		-60
Collar Azimuth:		180
Hole Length:		184.75
Core Size:		BTw
Recovery (%)		89.43
Logged By:		Francis Newton
Date:	**Start:**	25-Jul-21
	Finish:	25-Jul-21
Drilled by:		REXMINE (ROBY)
Date:	**Start:**	05-Jul-21
	Finish:	09-Jul-21

	INCLINATION TESTS			
	DEPTH	**DIP**	**AZIMUTH**	(RAW)
Mag	**COLLAR**	-60.0	0.0	
60582	60	-58.01	-3.03	8.97
61387	105	-56.49	-2.29	9.71
60398	165	-54.78	0.95	12.95
			-12	
			-12	
			-12	
			-12	
			-12	
			-12	

Comments
Drilled north from SUR-21-09 for a deeper intercept of structure and mineralization
QA/QC info
Blank 1: Appalache Valley Pierre Decorative Stone
Standard-1: GEOSTATS GMB300-10C email : pjh@geostats.com.au

Minroc Management

FROM	TO	LITHO	Desc	Angle TCA
0	**2.5**	**OB**	**Overburden**	
2.5	**184.75**	**V4**	**Fine grained and foliated assemblage of fibrous pyroxene or amphibole with minor carbonate, bluish grey ultramafics , with occasional 45-50 deg TCA joints. Occasional wide bands of extremely blocky core with qz-ca breccia veinlets throughout. Replacement of massive finely granular to cumulate komatiite flows showing minor flow top breccia over 0.3-0.5 meter intervals associated with serpentinization crack patterns from 74m.**	
Structure				
2.5	3	BLOCKY	blocky core	
6.95	8.2	BLOCKY	blocky core, poor recovery	
9	9.7	BLOCKY	blocky core, poor recovery	
13.4	13.5	QZ-CA	irregular qz-ca veinlet with fragments of ultramafic rock within vein, weak breccia	
13.65	17.6	BLOCKY	extremely blocky core, poor recovery	
18.1	32.9	QZ-CA	wispy 1-5cm qz-ca veining, generally oriented down-hole, wispy blue-grey and rare clotty biotite. Coarse tremolite along vein walls. Very intense.	
32.9	49.5	QZ-CA	occasional wispy 1-5cm qz-ca veining, generally oriented down-hole, wispy blue-grey and rare clotty biotite. Coarse tremolite along vein walls. Similar to above but much less intense and less frequent.	
42.15	42.35	QZ-CA	Large qz-ca vein, oriented approx 30deg TCA, mottled grey-cream colour.	30
49.5	50.25	QZ-CA	irregular weakly brecciated qz-ca veining	
57	58.5	QZ-CA	wispy 1-3cm qz-ca veining oriented down-hole	
58.85	64.7	BLOCKY	blocky to extremely blocky core, poor recovery	
74	106.9	QZ-CA	wispy 1-5cm qz-ca veining, generally oriented down-hole, wispy blue-grey and rare clotty biotite. Coarse tremolite along vein walls. Bands of flow-top bx	
109.3	109.5	BLOCKY	blocky core	
114.1	114.3	QZ-CA	blue-grey qz-ca veining, oriented approx 45deg TCA	
127.8	141.35	XENO	wispy dark grey xenoliths, range from 1-3mm in size	
139.25	139.35	QZ-AB-CA	irregular qz-ab-ca veinlet oriented approx 35deg TCA	35
181.7	182.6	CA	irregular ca vein, dark blue colour, roughly oriented 35deg TCA	35
Alteration				
2.5	67	BT, HB, QZ-CA	Weak to patchy mod biotitization and amphibolization throughout, stronger along fractures and/or joints, wispy qz-ca veining throughout with local patches of intense veining (18.1-32.9m, etc…). Alteration strongest around veining and along vein walls.	
73.8	106.9	BT, HB	Weak to patchy mod biotitization and amphibolization throughout, stronger along fractures and/or joints	
115.4	119.8	BT, TREMO	mod to strongly biotitized with coarse bt and tremo, pale greenish brown in colour	
178.35	181.35	BT, TREMO	very strongly biotitized with coarse bt and tremo, nearly bt-schist in places. Weak foliation at 25-35deg TCA	30
Mineralization				
13.65	17.6	PY	fine trace py along joint/fracture planes	
76.5	79	PO	trace to 1% fine diss po	
100	105	PO	trace to 1% fine diss po	
132	143	PO	trace fine po	

SAMPLES			Surimeau - Spring-Summer 2021				SUR-21-21			PAGE: 4	
Sample	**From m**	**To m**	**Length**	**DESCRIPTION**	**Au g/t**						
48869	3	4.5	1.50	v4 + bt							
48870	4.5	6	1.50	v4 + bt							
48871	6	7.5	1.50	v4 + qz-ca + blocky							
48872				Blank 1: Appalache Valley Pierre Decorative Stone							
48873	7.5	9	1.50	v4 + blocky + qz-ca							
48874	9	10.5	1.50	v4 + bt							
48875	10.5	12	1.50	v4 + bt							
48876	12	13.5	1.50	v4 + bt + qz-ca bx vein							
48877	13.5	15	1.50	v4 + blocky + qz-ca							
48878	15	16.5	1.50	v4 + blocky + qz-ca							
48879	16.5	18	1.50	v4 + blocky + qz-ca							
48880	18	19.5	1.50	v4 + bt							
48881	19.5	21	1.50	v4 + qz-ca bx + bt							
48882	21	22.5	1.50	v4 + qz-ca bx + bt							
48883	22.5	24	1.50	v4 + qz-ca bx + bt							
48884	24	25.5	1.50	v4 + qz-ca bx + bt							
48885	25.5	27	1.50	v4 + qz-ca bx + bt							
48886	27	28.5	1.50	v4 + qz-ca bx + bt							
48887	28.5	30	1.50	v4 + qz-ca bx + bt							
48888	30	31.5	1.50	v4 + qz-ca bx + bt							
48889	31.5	33	1.50	v4 + qz-ca bx + bt							
48890	33	34.5	1.50	v4 + bt							
48891	34.5	36	1.50	v4 + bt							
48892				Quarter Cut of previous sample							
48893	36	37.5	1.50	v4 + qz-ca bx + bt							
48894	37.5	39	1.50	v4 + qz-ca bx + bt							
48895				Coarse Reject of previous sample							
48896	39	40.5	1.50	v4 + qz-ca bx + bt							
48897	40.5	42	1.50	v4 + qz-ca bx + bt							
48898	42	43.5	1.50	v4 + qz-ca bx + bt							
48899	43.5	45	1.50	v4							
48900	45	46.5	1.50	v4							
48901	46.5	48	1.50	v4							
48902				Blank 1: Appalache Valley Pierre Decorative Stone							
48903	48	49.5	1.50	v4							
48904	49.5	51	1.50	v4 + bt + qz-ca bx vein							

48905	51	52.5	1.50	v4
48906	52.5	54	1.50	v4
48907	54	55.5	1.50	v4
48908	55.5	57	1.50	v4
48909	57	58.5	1.50	v4 + qz-ca + bx + clay joint
48910	58.5	60	1.50	v4 + qz-ca bx + blocky
48911	60	61.5	1.50	v4 + qz-ca bx + blocky
48912				Coarse Reject of previous sample
48913	61.5	63	1.50	v4 + qz-ca bx + blocky
48914	63	64.5	1.50	v4 + qz-ca bx + blocky
48915				Quarter Cut of previous samples
48916	64.5	66	1.50	v4 + bt
48917	66	67.5	1.50	v4 + bt
48918	67.5	69	1.50	v4 + bt
48919	69	70.5	1.50	v4
48920	70.5	72	1.50	v4
48921	72	73.5	1.50	v4
48922				Blank 1: Appalache Valley Pierre Decorative Stone
48923	73.5	75	1.50	v4
48924	75	76.5	1.50	v4
48925	76.5	78	1.50	v4
48926	78	79.5	1.50	v4
48927	79.5	81	1.50	v4
48928	81	82.5	1.50	v4
48929	82.5	84	1.50	v4
48930	84	85.5	1.50	v4
48931	85.5	87	1.50	v4
48932	87	88.5	1.50	v4
48933	88.5	90	1.50	v4
48934	90	91.5	1.50	v4
48935	91.5	93	1.50	v4
48936	93	94.5	1.50	v4
48937	94.5	96	1.50	v4
48938	96	97.5	1.50	v4
48939	97.5	99	1.50	v4
48940	99	100.5	1.50	v4
48941	100.5	102	1.50	v4
48942				Quarter Cut of previous sample
48943	102	103.5	1.50	v4
48944	103.5	105	1.50	v4
48945				Coarse Reject of previous sample

48946	105	106.5	1.50	v4
48947	106.5	108	1.50	v4
48948	108	109.5	1.50	v4
48949	109.5	111	1.50	v4
48950	111	112.5	1.50	v4
48951	112.5	114	1.50	v4
48952				Blank 1: Appalache Valley Pierre Decorative Stone
48953	114	115.5	1.50	v4
48954	115.5	117	1.50	v4
48955				Standard-1: GEOSTATS GMB300-10C email : pjh@geostats.com.au
48956	117	118.5	1.50	v4
48957	118.5	120	1.50	v4
48958	120	121.5	1.50	v4
48959	121.5	123	1.50	v4
48960	123	124.5	1.50	v4
48961	124.5	126	1.50	v4
48962				Coarse Reject of previous sample
48963	126	127.5	1.50	v4
48964	127.5	129	1.50	v4
48965				Quarter Cut of previous samples
48966	129	130.5	1.50	v4
48967	130.5	132	1.50	v4
48968	132	133.5	1.50	v4
48969	133.5	135	1.50	v4
48970	135	136.5	1.50	v4
48971	136.5	138	1.50	v4
48972				Blank 1: Appalache Valley Pierre Decorative Stone
48973	138	139.5	1.50	v4
48974	139.5	141	1.50	v4
48975	141	142.5	1.50	v4
48976	142.5	144	1.50	v4
48977	144	145.5	1.50	v4
48978	145.5	147	1.50	v4
48979	147	148.5	1.50	v4
48980	148.5	150	1.50	v4
48981	150	151.5	1.50	v4
48982	151.5	153	1.50	v4
48983	153	154.5	1.50	v4
48984	154.5	156	1.50	v4
48985	156	157.5	1.50	v4
48986	157.5	159	1.50	v4

48987	159	160.5	1.50	v4
48988	160.5	162	1.50	v4
48989	162	163.5	1.50	v4
48990	163.5	165	1.50	v4
48991	165	166.5	1.50	v4
48992				Quarter Cut of previous sample
48993	166.5	168	1.50	v4
48994	168	169.5	1.50	v4
48995				Coarse Reject of previous sample
48996	169.5	171	1.50	v4
48997	171	172.5	1.50	v4
48998	172.5	174	1.50	v4
48999	174	175.5	1.50	v4
49000	175.5	177	1.50	v4
49001	177	178.5	1.50	v4
49002				Blank 1: Appalache Valley Pierre Decorative Stone
49003	178.5	180	1.50	v4
49004	180	181.5	1.50	v4
49005	181.5	182.5	1.00	v4
49006	182.5	183.3	0.80	v4
49007	183.3	184.75	1.45	v4

RQD			Surimeau - Spring-Summer 2021		SUR-21-21		PAGE: 3						
FROM	TO	Length Core Run	Σ pieces >10cm	RQD %									
3	6	3	2.2	73.33									
6	9	3	1.5	50.00									
9	12	3	1.9	63.33									
12	15	3	1.5	50.00									
15	18	3	0.5	16.67									
18	21	3	2.8	93.33									
21	24	3	2.6	86.67									
24	27	3	2.7	90.00									
27	30	3	2.9	96.67									
30	33	3	2.9	96.67	89.43								
33	36	3	2.6	86.67									
36	39	3	2.8	93.33									
39	42	3	2.8	93.33									
42	45	3	3	100.00									
45	48	3	2.7	90.00									
48	51	3	3	100.00									
51	54	3	3	100.00									
54	57	3	2.9	96.67									
57	60	3	1.5	50.00									
60	63	3	0.5	16.67									
63	66	3	1.3	43.33									
66	69	3	2.6	86.67									
69	72	3	3	100.00									
72	75	3	3	100.00									
75	78	3	3	100.00									
78	81	3	2.8	93.33									
81	84	3	3	100.00									
84	87	3	3	100.00									
87	90	3	2.9	96.67									
90	93	3	3	100.00									
93	96	3	3	100.00									

96	99	3	3	100.00
99	102	3	3	100.00
102	105	3	3	100.00
105	108	3	3	100.00
108	111	3	2.7	90.00
111	114	3	2.8	93.33
114	117	3	2.5	83.33
117	120	3	2.5	83.33
120	123	3	2.85	95.00
123	126	3	3	100.00
126	129	3	2.5	83.33
129	132	3	3	100.00
132	135	3	2.95	98.33
135	138	3	3	100.00
138	141	3	2.9	96.67
141	144	3	3	100.00
144	147	3	3	100.00
147	150	3	3	100.00
150	153	3	2.9	96.67
153	156	3	3	100.00
156	159	3	3	100.00
159	162	3	3	100.00
162	165	3	3	100.00
165	168	3	3	100.00
168	171	3	3	100.00
171	174	3	3	100.00
174	177	3	3	100.00
177	180	3	2.9	96.67
180	183	3	2.25	75.00
183	184.75	1.75	1.75	100.00

Box Lengths			Surimeau - Spring-Summer 2021			SUR-21-21			PAGE: 5	
DDH	Box Number	From m	To m	Box Length	DDH	Box Number	From m	To m	Box Length		
SUR-21-21	1	2.5	6.95	4.45							
SUR-21-21	2	6.95	11.4	4.45							
SUR-21-21	3	11.4	15.5	4.1							
SUR-21-21	4	15.5	19.65	4.15							
SUR-21-21	5	19.65	24.1	4.45							
SUR-21-21	6	24.1	28.5	4.4							
SUR-21-21	7	28.5	32.9	4.4							
SUR-21-21	8	32.9	37.25	4.35							
SUR-21-21	9	37.25	41.65	4.4							
SUR-21-21	10	41.65	45.9	4.25							
SUR-21-21	11	45.9	50.25	4.35							
SUR-21-21	12	50.25	54.6	4.35							
SUR-21-21	13	54.6	58.85	4.25							
SUR-21-21	14	58.85	63.2	4.35							
SUR-21-21	15	63.2	67.5	4.3							
SUR-21-21	16	67.5	71.9	4.4							
SUR-21-21	17	71.9	76.25	4.35							
SUR-21-21	18	76.25	80.6	4.35							
SUR-21-21	19	80.6	84.9	4.3							
SUR-21-21	20	84.9	89.3	4.4							
SUR-21-21	21	89.3	93.6	4.3							
SUR-21-21	22	93.6	97.9	4.3							
SUR-21-21	23	97.9	102.4	4.5							
SUR-21-21	24	102.4	106.7	4.3							
SUR-21-21	25	106.7	111	4.3							
SUR-21-21	26	111	115.4	4.4							
SUR-21-21	27	115.4	119.7	4.3							
SUR-21-21	28	119.7	124	4.3							
SUR-21-21	29	124	128.4	4.4							
SUR-21-21	30	128.4	132.7	4.3							
SUR-21-21	31	132.7	137	4.3							

SUR-21-21	32	137	141.35	4.35
SUR-21-21	33	141.35	145.7	4.35
SUR-21-21	34	145.7	150.05	4.35
SUR-21-21	35	150.05	154.5	4.45
SUR-21-21	36	154.5	158.9	4.4
SUR-21-21	37	158.9	163.2	4.3
SUR-21-21	38	163.2	167.65	4.45
SUR-21-21	39	167.65	171.95	4.3
SUR-21-21	40	171.95	176.3	4.35
SUR-21-21	41	176.3	180.6	4.3
SUR-21-21	42	180.6	184.75	4.15

Minroc Management

Project:	Surimeau - Spring-Summer 2021
Hole Number:	**SUR-21-22**
Units of Measurement:	Metres
Location NTS Sheet:	
Township:	
Claim No:	
Grid:	
Easting:	
Northing:	
Elevation:	358
GPS Co-ordinates: (if applicable) Zone:	17U
Datum:	NAD83
Easting:	697271
Northing:	5328194
Collar Dip:	-60
Collar Azimuth:	180
Hole Length:	139
Core Size:	BTw
Recovery (%)	85.85
Logged By:	Francis Newton
Date: Start:	26-Jul-21
Finish:	26-Jul-21
Drilled by:	REXMINE (ROBY)
Date: Start:	12-Jul-21
Finish:	15-Jul-21

	INCLINATION TESTS			
	DEPTH	DIP	AZIMUTH	(RAW)
Mag	COLLAR	-60.0	0.0	
54839	57	-34.97	-2.13	9.87
61229	108	-56.79	4.62	16.62
			-12	
			-12	
			-12	
			-12	
			-12	
			-12	
			-12	

Comments

Drilled north, located 150m due south of SUR-21-17 for deep intercept of shear zone

QA/QC info

Blank 1: Appalache Valley Pierre Decorative Stone

Standard-1: GEOSTATS GMB300-10C email : pjh@geostats.com.au

Minroc Management

FROM	TO	LITHO	Desc	Angle TCA
0	**1.5**	**OB**	**Overburden**	
1.5	**139**	**S6**	**Dark grey, layered quartz-biotite-muscovite, fine to medium grained meta-sediments. Local al-silicate porphyroblasts? Constant foliation parallel to bedding. Foliation strongest in areas where al-silicates are present. Stronger foliation present 1.5-122m, foliation gradually reduces intensity after 122m. Trace to 1% ribboned quartz veins 1-2cm. Foliation varies from down-hole to <25deg TCA.**	**25**
Structure				
1.5	2.3	BLOCKY	blocky core	
16.5	18.8	BLOCKY	extremely blocky core, poor recovery	
24	27.5	QV	frequent 1-5mm white qv's oriented primarily 15deg TCA	15
34.25	35.55	BLOCKY	blocky core, down-hole fractures	
43	48	BLOCKY	blocky core, down-hole fractures	
49.9	50.6	BLOCKY	blocky core	
59.3	59.55	QZ-AB	irregular qz-ab veinlet 1-5cm thick with fine clotty po at 59.5m	
63	64.8	QV	1-2cm down-hole oriented QV's, strong biotitization around veinlets	
88.6	90	BLOCKY	blocky core	
104.75	105.1	QV	white qv, irregular contacts. Fine fractures present within vein	
105.7	105.8	QZ-AB	blue-grey qz-ab vein, irregular, oriented roughly down-hole	
105.8	110	QV	frequent 1-5mm qv's oriented approximately 50deg TCA	50
119.25	120	QZ-AB	series of 1-3cm blue-grey qz-ab veins, irregular, oriented roughly 20deg TCA, mod to strong biotitization around veins	20
Alteration				
1.5	105.8	BT, MS	weak to mod biotitization throughout, locally strong. Weak to mod muscovite alteration throughout. Strong to very strong muscovite alteration 1.5-15m, 21.9-27m, 63-65.9m	
2	6.1	AL-SIL	blue-grey al-silicate crystals present throughout, vary from 1-10mm in size, crystals often elongated in direction of foliation/bedding. Fine 1-3mm bt crystals around and along al-silicate crystals	
14.8	19.6	TR, CHL	greenish, strong tremolite overprint (amphibolized), coarse grained, traces of chlorite in blocky zone, the result of hydrothermal alteration from fracturing?	
43.5	52.5	AL-SIL	blue-grey al-silicate crystals present throughout, vary from 1-10mm in size, crystals often elongated in direction of foliation/bedding. Fine 1-3mm bt crystals around and along al-silicate crystals	
65.8	105.8	AL-SIL	blue-grey al-silicate crystals present throughout, vary from 1-10mm in size, crystals often elongated in direction of foliation/bedding. Fine 1-3mm bt crystals around and along al-silicate crystals	
105.8	110	AB, SIL	mod to strong silicification or albitization, fine grained, dark grey-blue colour, resembles qfp, sharp upper and lower contacts which follow joints or fractures	
110	139	BT, MS	weak to mod biotitization throughout, locally strong. Weak to mod muscovite alteration throughout. Strong to very strong muscovite alteration in bands. Mod to strong biotitization around qz-ab veinlets.	
Mineralization				
59.5	59.55	PY,PO	Fine clotty py and po crystals in a white qv	
73.5	139	PY	fine to coarse py along fracture planes, 1% fine to med py 89-90m.	

SAMPLES			Surimeau - Spring-Summer 2021								
					SUR-21-22				PAGE: 4		
Sample	**From m**	**To m**	**Length**	**DESCRIPTION**	**Au g/t**						
49008	1.5	3	1.50	s6							
49009	3	4.5	1.50	s6							
49010	4.5	6	1.50	s6							
49011	6	7.5	1.50	s6							
49012				Coarse Reject of previous sample							
49013	7.5	9	1.50	s6							
49014	9	10.5	1.50	s6							
49015				Quarter Cut of previous samples							
49016	10.5	12	1.50	s6							
49017	12	13.5	1.50	s6							
49018	13.5	15	1.50	s6							
49019	15	16.5	1.50	s6							
49020	16.5	18	1.50	s6 + blocky							
49021	18	19.5	1.50	s6 + blocky							
49022				Blank 1: Appalache Valley Pierre Decorative Stone							
49023	19.5	21	1.50	s6							
49024	21	22.5	1.50	s6							
49025	22.5	24	1.50	s6							
49026	24	25.5	1.50	s6							
49027	25.5	27	1.50	s6							
49028	27	28.5	1.50	s6							
49029	28.5	30	1.50	s6							
49030	30	31.5	1.50	s6							
49031	31.5	33	1.50	s6							
49032	33	34.5	1.50	s6							
49033	34.5	36	1.50	s6							
19599	36	37.5	1.50	s6, sample missed by mistake, added tag							
49034	37.5	39	1.50	s6							
49035	39	40.5	1.50	s6							
49036	40.5	42	1.50	s6							
49037	42	43.5	1.50	s6							
49038	43.5	45	1.50	s6							
49039	45	46.5	1.50	s6							
49040	46.5	48	1.50	s6							
49041	48	49.5	1.50	s6							
49042				Quarter Cut of previous sample							

49043	49.5	51	1.50	s6
49044	51	52.5	1.50	s6
49045				Coarse Reject of previous sample
49046	52.5	54	1.50	s6
49047	54	55.5	1.50	s6
49048	55.5	57	1.50	s6
49049	57	58.5	1.50	s6
49050	58.5	60	1.50	s6
49051	60	61.5	1.50	s6
49052				Blank 1: Appalache Valley Pierre Decorative Stone
49053	61.5	63	1.50	s6
49054	63	64.5	1.50	s6
49055	64.5	66	1.50	s6
49056	66	67.5	1.50	s6
49057	67.5	69	1.50	s6
49058	69	70.5	1.50	s6
49059	70.5	72	1.50	s6
49060	72	73.5	1.50	s6
49061	73.5	75	1.50	s6
49062				Coarse Reject of previous sample
49063	75	76.5	1.50	s6
49064	76.5	78	1.50	s6
49065				Quarter Cut of previous samples
49066	78	79.5	1.50	s6
49067	79.5	81	1.50	s6
49068	81	82.5	1.50	s6
49069	82.5	84	1.50	s6
49070	84	85.5	1.50	s6
49071	85.5	87	1.50	s6
49072				Blank 1: Appalache Valley Pierre Decorative Stone
49073	87	88.5	1.50	s6
49074	88.5	90	1.50	s6
49075	90	91.5	1.50	s6
49076	91.5	93	1.50	s6
49077	93	94.5	1.50	s6
49078	94.5	96	1.50	s6
49079	96	97.5	1.50	s6
49080	97.5	99	1.50	s6
49081	99	100.5	1.50	s6
49082	100.5	102	1.50	s6
49083	102	103.2	1.20	s6

49084	103.2	104.4	1.20	s6
49085	104.4	105.8	1.40	s6+ qv+bt
49086	105.8	107	1.20	s6 + sil+qz-ab
49087	107	108.5	1.50	s6 + sil+qz-ab
49088	108.5	110	1.50	s6 + sil+qz-ab(more qz-ab)
49089	110	111	1.00	s6
49090	111	112.5	1.50	s6
49091	112.5	114	1.50	s6
49092				Quarter Cut of previous sample
49093	114	115.5	1.50	s6
49094	115.5	117	1.50	s6
49095				Coarse Reject of previous sample
49096	117	118.5	1.50	s6
49097	118.5	120	1.50	s6
49098	120	121.5	1.50	s6
49099	121.5	123	1.50	s6
49100	123	124.5	1.50	s6
49101	124.5	126	1.50	s6
49102				Blank 1: Appalache Valley Pierre Decorative Stone
49103	126	127.5	1.50	s6
49104	127.5	129	1.50	s6
49105				Standard-1: GEOSTATS GMB300-10C email : pjh@geostats.com.au
49106	129	130.5	1.50	s6
49107	130.5	132	1.50	s6
49108	132	133.5	1.50	s6
49109	133.5	135	1.50	s6
49110	135	136.5	1.50	s6
49111	136.5	138	1.50	s6
49112				Coarse Reject of previous sample
49113	138	139	1.00	s6

RQD			Surimeau - Spring-Summer 2021		SUR-21-22		PAGE: 3						
FROM	TO	Length Core Run	Σ pieces >10cm	RQD %									
1.5	3	1.5	1	66.67									
3	6	3	2.9	96.67									
6	9	3	2.4	80.00									
9	12	3	2.8	93.33									
12	15	3	2.7	90.00									
15	18	3	1.6	53.33									
18	21	3	2.1	70.00									
21	24	3	2.7	90.00									
24	27	3	3	100.00									
27	30	3	2.4	80.00	85.85								
30	33	3	2	66.67									
33	36	3	1.5	50.00									
36	39	3	2.6	86.67									
39	42	3	2.85	95.00									
42	45	3	1.4	46.67									
45	48	3	1.6	53.33									
48	51	3	2.15	71.67									
51	54	3	2.5	83.33									
54	57	3	2.9	96.67									
57	60	3	2.9	96.67									
60	63	3	2.7	90.00									
63	66	3	3	100.00									
66	69	3	2.9	96.67									
69	72	3	2.9	96.67									
72	75	3	2.9	96.67									
75	78	3	3	100.00									
78	81	3	3	100.00									
81	84	3	2.9	96.67									
84	87	3	2.7	90.00									
87	90	3	2.2	73.33									
90	93	3	2.7	90.00									

93	96	3	2.6	86.67
96	99	3	2.7	90.00
99	102	3	2.5	83.33
102	105	3	2.65	88.33
105	108	3	3	100.00
108	111	3	2.7	90.00
111	114	3	2.4	80.00
114	117	3	2.7	90.00
117	120	3	2.8	93.33
120	123	3	1.7	56.67
123	126	3	2.7	90.00
126	129	3	3	100.00
129	132	3	2.7	90.00
132	135	3	3	100.00
135	138	3	3	100.00
138	139	1	1	100.00

Box Lengths			Surimeau - Spring-Summer 2021			SUR-21-22			PAGE: 5	
DDH	Box Number	From m	To m	Box Length	DDH	Box Number	From m	To m	Box Length		
SUR-21-22	1	1.5	5.8	4.3							
SUR-21-22	2	5.8	10.2	4.4							
SUR-21-22	3	10.2	14.5	4.3							
SUR-21-22	4	14.5	16.2	1.7							
SUR-21-22	5	16.2	22.6	6.4							
SUR-21-22	6	22.6	27	4.4							
SUR-21-22	7	27	31.25	4.25							
SUR-21-22	8	31.25	35.55	4.3							
SUR-21-22	9	35.55	39.85	4.3							
SUR-21-22	10	39.85	44.3	4.45							
SUR-21-22	11	44.3	48.5	4.2							
SUR-21-22	12	48.5	52.75	4.25							
SUR-21-22	13	52.75	57.1	4.35							
SUR-21-22	14	57.1	61.5	4.4							
SUR-21-22	15	61.5	65.9	4.4							
SUR-21-22	16	65.9	70.2	4.3							
SUR-21-22	17	70.2	74.5	4.3							
SUR-21-22	18	74.5	78.8	4.3							
SUR-21-22	19	78.8	83.15	4.35							
SUR-21-22	20	83.15	87.5	4.35							
SUR-21-22	21	87.5	91.6	4.1							
SUR-21-22	22	91.6	96	4.4							
SUR-21-22	23	96	100.25	4.25							
SUR-21-22	24	100.25	104.8	4.55							
SUR-21-22	25	104.8	109.05	4.25							
SUR-21-22	26	109.05	113.5	4.45							
SUR-21-22	27	113.5	117.7	4.2							
SUR-21-22	28	117.7	122	4.3							
SUR-21-22	29	122	126.3	4.3							
SUR-21-22	30	126.3	130.65	4.35							
SUR-21-22	31	130.65	135	4.35							

SUR-21-22	32	135	139	4

Minroc Management

Project:		Surimeau - December 2021
Hole Number:		**SUR-21-23**
Units of Measurement:		Metres
Location	**NTS Sheet:**	
	Township:	
	Claim No:	
	Grid:	
	Easting:	
	Northing:	
	Elevation:	358
GPS Co-ordinates:	**Zone:**	17U
(if applicable)	**Datum:**	NAD83
	Easting:	697450
	Northing:	5328209
Collar Dip:		-60
Collar Azimuth:		180
Hole Length:		162
Core Size:		NQ
Recovery (%)		92.47
Logged By:		Francis Newton
Date:	**Start:**	05-Dec-21
	Finish:	06-Dec-21
Drilled by:		D'ami Or
Date:	**Start:**	02-Dec-21
	Finish:	06-Dec-21

	INCLINATION TESTS			
	DEPTH	**DIP**	**AZIMUTH**	(RAW)
Mag	**COLLAR**	-60.0	180.0	
54524	51	-57.6	183.8	195.8
55492	102	-56.2	182.9	194.9
54759	150	-52.8	184.4	196.4

Comments
Drilled under new stripping under the well mienralized bedrock near east end of trench (strong Cpy, Sph and Po mineralization in graphitic mudstone + ultramafic).
QA/QC info
Blank 1: Appalache Valley Pierre Decorative Stone
Standard-1: GEOSTATS GMB300-10C email : pjh@geostats.com.au

Minroc Management

FROM	TO	LITHO	Desc	Angle TCA
0	**2.5**	**OB**	**Overburden**	
2.5	**122.65**	**V4**	**Blue-grey to green, ultramafic. Medium grained and massive to weakly foliated assemblage of fibrous pyroxene or amphibole with minor carbonate. Replacement of massive finely granular to cumulate komatiite flows showing minor flow top breccia over 0.3 meter intervals associated with serpentinisation crack patterns. Becomes darker green coloured 14.7-20m but gradually becomes blue-grey through the interval. Patchy mod mag throughout.**	
Structure				
3.25	3.35	BLOCKY	blocky core	
4.35	4.4	CARB-BT	0.5-5cm carbonate veinlet with coarse clotty biotite within vein. Weakly foliated at 65deg TCA.	65
15.5	18.7	CARB-BT	irregular 1-15mm carb-bt veinlets throughout.	
28	29.2	CALC-SIL	calc-silicate? Fine grained, banded and foliated at 80deg TCA. Frequent sulfide stringers (py-po-cpy).	80
31	44.8	CARB	Calcite veins (0.2 to 1cm) forming sub-parallel stringers representing about 7% of unit.	
42.1	44.8	V4 + CR-DI	mixed fragments of cr-diopside and ultramafic.	
44.8	45.9	CALC-SIL	calc-silicate? Fine grained, banded and foliated at 65deg TCA. Frequent sulfide stringers (py-po-cpy).	65
51.1	51.9	BLOCKY	blocky core	
59.75	61.5	CALC-SIL	narrow band of calc-silicate? Fine grained, banded and foliated at 65deg TCA. Frequent sulfide stringers (py-po-cpy).	65
61.5	65	QZ-AB	irregular 1-15mm qz-ab veinlets throughout.	
68	69	BLOCKY	patches of blockiness	
69.55	69.6	QFP	narrow blue-grey QFP vein, oriented 45deg TCA.	45
72.65	73.25	QFP	blue-grey QFP vein, massive, sharp upper and lower contacts	
74	74.7	BLOCKY	blocky core	
74.7	75.4	CALC-SIL	narrow band of calc-silicate? Fine grained, banded and foliated at 65deg TCA. Frequent sulfide stringers and nodules(py-po-cpy), fine mm-sclae tremolite needles throughout	65
84.7	85.25	PX	pyroxene-rich umaf, pyroxenite? Hard and brittle, massive. Sharp upper and lower contacts.	
96.3	96.65	BLOCKY	blocky core	
97.5	104.5	XENOLITH	2-20mm dark xenoliths in v4, magnetic	
112.2	113.2	CARB	frequent carbonate veinlets and stringers, generally concordant to weak foliation at 40deg TCA.	40
112.55	112.65	QZ-CA	irregular grey-white qz-ca veinlet, perpendicular to core axis.	90
117.65	117.7	BLOCKY	blocky core	
Alteration				
3.25	3.8	BT	Brown, fine grained, unoriented Fe biotite assemblage. Mod biotitization.	
14.7	18.7	BT, CHL	weak biotitization, strongest 14.7-15m, clotty biotite in frequent carb veinlets. Mod chloritization throughout.	
27.9	28	BT	weak biotitization / bt filled fractures at bottom contact of unit.	
28	29.2	SIL/AB, CHL, BT	silicified sediments / calc-silicate, fine to medium grained, greenish, plagioclase matrix. Fine chl-bt stringers.	
29.2	29.35	BT	strongly biotitized, bottom contact of S3/Calc-silicate unit within v4	
29.2	44.8	CHL,CARB,BT	Dark green, massive to foliated, pervasive chloritization in gradual contact. Biotite overprint forming bands and stringer patterns. Calcite in matrix and veinlets. PO, 1%, sub-millimetric, disseminated.	
42.1	44.8	DI	fragments of green, med to coarse crystallized diopside (up to 5mm), Cr bearing. Hosted in and alongside carbonate.	
44.8	45.9	SIL/AB, CHL, BT, CARB	silicified sediments / calc-silicate, fine to medium grained, creamy colour, plagioclase matrix. Fine chl-bt stringers. Patchy mod to strong pervasive carb alt	
45.9	51.1	CALC-SI, CARB	Green, fine to medium grain (1-2mm). Plagioclase matrix with Cr diopside-Cr tremolite with occasional Cr grossular. Pyrrhotite bearing. Mod pervasive carb alt throughout, very strong carb alt 46.9-47.4m	
45.9	59.75	BT,TR, CARB	Green, fine to med grain Fe tremolite-biotite unoriented assemblage. Patches of mod to strong pervasive carb alt, strongest carb alt 51.1-52.3m.	

58.5	59.75	DI	fragments of green, med to coarse crystallized diopside (up to 5mm), Cr bearing. Hosted in and alongside carbonate.	
59.75	61.5	SIL, CHL, BT, CARB	silicified sediments / calc-silicate, fine to medium grained, creamy colour, plagioclase matrix. Fine chl-bt stringers. Patchy mod to strong pervasive carb alt	
64	69.5	CHL, BT, CARB	Patchy pervasive carb alt, frequent but irregular bt-fractures, stringers and clots. Chlorite alt overall. Strongest Bt alt 67-67.8m.	
69.5	72.6	BT,TR, CARB	Green, fine to med grain Fe tremolite-biotite unoriented assemblage. Patches of mod to strong pervasive carb alt	
74	78.9	BT	Brown, fine grained, unoriented Fe biotite assemblage. Mod biotitization.Very strong 78.05-78.4m.	
74.7	75.4	SIL/AB, CHL, BT	silicified sediments / calc-silicate, fine to medium grained, greenish, plagioclase matrix. Fine chl-bt stringers.	
84.7	85.25	PX	pyroxene-rich umaf, pyroxenite? Hard and brittle.	
90.4	96.45	TR,BT	Green, fine grain unoriented Fe tremolite-biotite assemblage in gradual contact. Local calcite veining. Strongest biotite alt 94.1-96.45m.	
108	109.5	BT,TR, CARB	Green, fine to med grain Fe tremolite-biotite unoriented assemblage. Patches of mod to strong pervasive carb alt	
111.5	117.7	TR,BT	Green, fine grain unoriented Fe tremolite-biotite assemblage in gradual contact. Local calcite veining. Strongest biotite alt 94.1-96.45m.	
112.2	113.2	CARB, AB	frequent carb veinlets/stringers + whispy blue-grey ab alteration.	
121.45	122.65	BT	Brown, fine grained, unoriented Fe biotite assemblage. Mod biotitization.Very strong 121.45-121.65m.	
Mineralization				
28	29.2	PY, PO, CPY,	Py, Po, Cpy, trace to 1%, fine to med stringers	
42.1	44.8	PO	trace to 1%, 1-2mm, unevenly disseminated	
43.8	43.8	XRF	xrf scan: 0.5% Cr, 0.23% Ni, 450ppm Zn	
44.8	45.9	PO, PY, CPY, PENT, SPH	PO,PY,CPY,PENT,SPH: 25-30% Sulfide overall, 1-10mm stringers, nearly massive.	
45.05	45.05	XRF	XRF scan: 0.5% Ni, 200ppm Zn	
45.2	45.2	XRF	XRF scan: 0.35% Ni, 450ppm Cu, 390ppm Zn	
45.8	45.8	XRF	XRF scan: 0.38% Ni, 500ppm Cu	
45.9	51.1	PO	PO: 2-5% sulfide overall, 1-5mm disseminated crystals and clots.	
51.1	52.3	PY,PO, CPY, PENT	PY,PO,PENT,CPY: 10-15% sulfide overall, disseminated and clotty py,po with traces of pent and cpy. XRF: 700ppm Ni, 300ppm Cu	
52.3	59.75	PO	PO: 2-5% sulfide overall, 1-5mm disseminated crystals and clots.	
59.75	61.5	PY,PO,CPY,PENT, SPH	PY,PO,PENT,CPY, SPH: 10-15% sulfide overall, stringer and clotty py,po with traces of pent and cpy.	
59.9	59.9	XRF	XRF scan: 0.65% Ni, 0.16% Co, 210ppm Cu, 490ppm Zn	
61.4	61.4	XRF	XRF scan: 0.68% Ni, 770ppm Cu,	
61.5	62.3	PO	PO: trace to 1% med disseminated po.	
74.7	75.4	PY,PO, CPY, PENT	PY,PO,PENT,CPY: 10-15% sulfide overall, fine to coarse stringers of py,po with traces of pent and cpy. XRF: 0.84% Ni, 200ppm Cu, 0.62% Zn	
94.1	96	PO, PY	PO,PY: 2-5% sulfide overall, 1-5mm disseminated crystals and clots.	
95.5	95.5	XRF	XRF scan: 0.16% Ni, 770ppm Cu, 840ppm Zn	
96	96.45	PY,PO, CPY, PENT	PY,PO,PENT,CPY: 1-3% sulfide overall, fine stringers of py,po with traces of pent and cpy, stronger mineralization at bottom of interval. XRF:	
96.05	96.05	XRF	XRF scan: 630ppm Ni, 0.5% Cu, 0.13% Zn	
96.45	96.45	XRF	XRF scan: 0.2% Ni, 0.5% Cu, 0.14% Zn	
115	121.45	PO	PO: trace 1-3mm fine crystals, unevenly disseminated	
121.45	122.65	PO	PO, trace to 2% fine to med crystals, unevenly disseminated	
122.65	**127.5**	**S6**	**Dark grey to black, fine to medium grained partly recrystallized siltstone to sandstone, Main graphitic and pyrite bearing layers from 122.65-123.35m, 123.8-123.95m and 125.5-127.5m. Regular bedding orientation. Feldspar-mica assemblage with more minor quartz, mostly visible in sandstone. Trace to 2% fine disseminated po background. Interbedded ultramafic and s6 123.95-125.5m.**	**60**
Structure				
123.95	125.5	V4	Interbedded ultramafic as above + sediments. Gradual upper and lower c ontacts with rare 1-3cm graphitic beds.	
Alteration				
122.65	123.35	PLAG, SI	Grey to bluish, suggary fine grained texture, quartz, plagioclase. Limited by a coarser reactive sandstone or wacke. Similar to quartzite? Contains frequent py-po-sph-pent nodules and stringers.	

123.8	123.95	PLAG, SI	Grey to bluish, suggary fine grained texture, quartz, plagioclase. Limited by a coarser reactive sandstone or wacke. Similar to quartzite? Contains frequent py-po-sph-pent nodules and stringers.	
123.95	125.5	TR,BT	Green, fine grain unoriented Fe tremolite-biotite assemblage in gradual contact. Local calcite veining. Strongest biotite alt 94.1-96.45m.	
Mineralization				
122.65	123.35	PO, PY, SPH, CPY, PENT	PO, PY, SPH, CPY, PENT: 5-7% sulfide overal as stringers and nodules. Py-Po rimmed sphalerite with traces of cpy and pentlandite. XRF: 200-850ppm Ni, 0.1% Cu, 3.7% Zn, 550ppm Mo.	
123.35	123.8	PY, PO, CPY	PY,PO,CPY: 2-3% sulfide overall, clotty and fine to med stringers of py,po,cpy.	
123.8	123.95	PO, PY, SPH, CPY, PENT	PO, PY, SPH, CPY, PENT: 3-5% sulfide overal as stringers and nodules. Py-Po rimmed sphalerite with traces of cpy and pentlandite.	
125.5	127.5	PO, PY, SPH, CPY, PENT	PO, PY, SPH, CPY, PENT: 2-3% sulfide overal as fine to medium stringers and rare nodules. Py-Po rimmed sphalerite with traces of cpy and pentlandite.	
127.5	**162**	**S3**	**Dark grey, layered quartz-biotite-muscovite, fine to medium grained meta-sediments. Constant foliation parallel to bedding. 1% ribonned quartz veins 1-2cm 142-156m. Foliation consistently 60-65deg TCA. Narrow graphitic mudstone bed 142.9-142.95m.**	**65**
Structure				
141	144	BLOCKY	blocky / fractured core	
142	156	QV	frequent narrow qz-ab and qz veinlets throughout, approximately 1% throughout.	
161.2	161.25	QZ-CA	narrow qz-ca veinlet, 3-5cm thick, concordant to foliation	60
Alteration				
127.5	162	BT, MS	weak to mod biotitization throughout, locally strong. Weak to mod muscovite alteration throughout.	
133.9	136.15	AL-SIL	clusters of blue-grey al-silicate crystals present throughout, vary from 1-10mm in size, crystals often elongated in direction of foliation/bedding. Fine 1-3mm bt crystals around and along al-silicated crystals	
137.1	138.6	AL-SIL	clusters of blue-grey al-silicate crystals present throughout, vary from 1-10mm in size, crystals often elongated in direction of foliation/bedding. Fine 1-3mm bt crystals around and along al-silicated crystals	
150	162	AL-SIL	clusters of blue-grey al-silicate crystals present throughout, vary from 1-10mm in size, crystals often elongated in direction of foliation/bedding. Fine 1-3mm bt crystals around and along al-silicated crystals. Become less frequent with depth	
158.9	159.3	STAUROLITE	3-5mm staurolite crystals? Dark brown, irregular shape, within foliation	
Mineralization				
127.5	133.9	PY	PY, fine very thin stringers and crystals along foliation, trace to 1% throughout.	
142.9	142.95	PY, CPY, PENT	PY, CPY, PENT: narrow grapghitic bed in sediments, 1-2% sulfide overall, thin and fine stringers concordant to foliation. XRF: 340ppm Ni.	75

SAMPLES			Surimeau - December 2021				SUR-21-23		PAGE: 4		
Sample	**From m**	**To m**	**Length**	**DESCRIPTION**	**Au g/t**						
49114	2.5	3.25	0.75	v4							
49115				Quarter Cut of previous samples							
49116	3.25	4.35	1.10	v4/v3 + bt-chl carb							
49117	4.35	5.25	0.90	mv + chl + carb							
49118	5.25	6.5	1.25	v4							
49119	6.5	8	1.50	v4							
49120	8	9.5	1.50	v4							
49121	9.5	11	1.50	v4							
49122				Blank 1: Appalache Valley Pierre Decorative Stone							
49123	11	12.2	1.20	v4							
49124	12.2	13.5	1.30	v4							
49125	13.5	14.7	1.20	v4							
49126	14.7	15.5	0.80	v4/mv + bt							
49127	15.5	17	1.50	mv? + chl + bt							
49128	17	18.5	1.50	mv? + chl + bt							
49129	18.5	20	1.50	mv? + chl + bt							
49130	20	21	1.00	mv-v4							
49131	21	22	1.00	v4							
49132	22	23.5	1.50	v4							
49133	23.5	25	1.50	v4							
49134	25	26.5	1.50	v4							
49135	26.5	28	1.50	v4							
49136	28	29.2	1.20	s3? / calc-sil + sil + bt + py-po, tr sph, tr cpy							
49137	29.2	30	0.80	mv + bt + chl							
49138	30	31	1.00	mv-v4							
49139	31	32	1.00	mv/v4 + ab-carb veinlets							
49140	32	33.5	1.50	mv/v4 + ab-carb veinlets + tr po							
49141	33.5	35	1.50	mv/v4 + ab-carb veinlets + tr po							
49142				Quarter Cut of previous sample							
49143	35	36.5	1.50	mv + qz-ca str							
49144	36.5	38	1.50	mv + qz-ca str							
49145				Coarse Reject of previous sample							
49146	38	39.5	1.50	mv + qz-ca str							
49147	39.5	41	1.50	mv + qz-ca str							
49148	41	42	1.00	mv + qz-ca str							
49149	42	43.45	1.45	mv + calc-sil mix + tr-1% py-po + tr cpy							

49150	43.45	44.8	1.35	mv + calc-sil mix + tr-1% py-po + tr cpy
64851	44.8	45.9	1.10	calc-sil + ab + carb + serp + chl + py-po-cpy-sph-pent
64852				Blank 1: Appalache Valley Pierre Decorative Stone
64853	45.9	46.9	1.00	mv/v4 + bt + po
64854	46.9	47.4	0.50	v4? + carb + serp + po-py + tr cpy
64855	47.4	48.5	1.10	mv + qz-ab + po
64856	48.5	50	1.50	mv + qz-ab + po + whispy ab alt
64857	50	51.1	1.10	mv/v4 + calc-sil + ab + carb + py-po
64858	51.1	52.3	1.20	calc-sil + chl + bt + py-po-cpy-pent-sph
64859	52.3	53.5	1.20	v4 + px? + py-po + bt + carb + anth?
64860	53.5	55	1.50	v4 + px? + py-po + bt + carb + anth?
64861	55	56	1.00	v4 + calc-sil + chl + carb + tr py-po
64862				Coarse Reject of previous sample
64863	56	57.5	1.50	v4 + calc-sil + chl + carb + tr py-po
64864	57.5	58.5	1.00	v4 + calc-sil + chl + carb + tr py-po
64865				Quarter Cut of previous samples
64866	58.5	59.75	1.25	v4 + calc-sil + chl + carb + tr py-po
64867	59.75	60.5	0.75	s3? / calc-sil + sil + bt + py-po, tr sph, tr cpy
64868	60.5	61.5	1.00	s3? / calc-sil + sil + bt + py-po, tr sph, tr cpy
64869	61.5	62.5	1.00	v4/mv + qz-ab veinlets
64870	62.5	64	1.50	v4/mv + qz-ab veinlets
64871	64	65	1.00	v4 + chl-carb
64872				Blank 1: Appalache Valley Pierre Decorative Stone
64873	65	66	1.00	v4 + bt
64874	66	67	1.00	v4 + bt
64875	67	68	1.00	v4 + bt, blocky
64876	68	69.5	1.50	v4 + bt, blocky
64877	69.5	71	1.50	v4
64878	71	72	1.00	v4
64879	72	72.65	0.65	v4
64880	72.65	73.25	0.60	qfp
64881	73.25	74	0.75	v4
64882	74	74.7	0.70	v4 + bt
64883	74.7	75.4	0.70	s3? / calc-sil + sil + bt + py-po, tr sph, tr cpy stringers and nodules
64884	75.4	76.5	1.10	v4
64885	76.5	78	1.50	v4
64886	78	79	1.00	v4 + bt
64887	79	80.5	1.50	v4
64888	80.5	82	1.50	v4
64889	82	83.5	1.50	v4
64890	83.5	84.7	1.20	v4

64891	84.7	85.25	0.55	v4 + bt-px
64892				Quarter Cut of previous sample
64893	85.25	86.5	1.25	v4
64894	86.5	88	1.50	v4
64895				Coarse Reject of previous sample
64896	88	89.5	1.50	v4
64897	89.5	90.4	0.90	v4
64898	90.4	91.5	1.10	v4 + carb veinlets + tremolite
64899	91.5	93	1.50	v4 + carb veinlets + tremolite
64900	93	94.1	1.10	v4 + carb veinlets + tremolite
64901	94.1	95	0.90	v4 + bt
64902				Blank 1: Appalache Valley Pierre Decorative Stone
64903	95	96	1.00	v4 + bt
64904	96	96.45	0.45	v4 + bt + py-po-cpy
64905	96.45	97.1	0.65	v4
64906	97.1	98.5	1.40	v4
64907	98.5	100	1.50	v4 + ab-qz-carb str
64908	100	101.5	1.50	v4
64909	101.5	103	1.50	v4 + xenoliths
64910	103	104.5	1.50	v4 + xenoliths
64911	104.5	106	1.50	v4 + xenoliths
64912				Coarse Reject of previous sample
64913	106	107.5	1.50	v4 + xenoliths
64914	107.5	109	1.50	v4 + carb + diopdside + bt
64915				Quarter Cut of previous samples
64916	109	110.5	1.50	v4
64917	110.5	111.5	1.00	v4
64918	111.5	112.2	0.70	v4 + chl-tr + ca str
64919	112.2	113.2	1.00	v4 + ca str + bt,tr,ab
64920	113.2	114.5	1.30	v4 + bt-tr + ab + ca str
64921	114.5	115.5	1.00	v4 + bt-tr + ab + ca str
64922				Blank 1: Appalache Valley Pierre Decorative Stone
64923	115.5	116.7	1.20	v4 + bt-tr
64924	116.7	117.5	0.80	v4 + po
64925	117.5	119	1.50	v4 + po
64926	119	120.45	1.45	v4 + po
64927	120.45	121.45	1.00	v4 + po
64928	121.45	122.65	1.20	v4 + bt + py-po
64929	122.65	123.35	0.70	s3 + graphite + py-po-sp str + nodules
64930	123.35	123.95	0.60	s3 + graphite + py-po+cpy str + nodules
64931	123.95	124.7	0.75	s6 + v4 + chl + ca str + py-po

64932	124.7	125.5	0.80	s6 + v4 + chl + ca str + py-po
64933	125.5	126.2	0.70	s6gp + py-po str + ca str
64934	126.2	127.5	1.30	s3 + s6gp + py-po
64935	127.5	128.5	1.00	s3 + s6gp + py-po
64936	128.5	130	1.50	s3 + py
64937	130	131.5	1.50	s3 + py
64938	131.5	132.7	1.20	s3
64939	132.7	133.9	1.20	s3
64940	133.9	135	1.10	s3 + al-sil + bt
64941	135	136.5	1.50	s3 + al-sil + bt
64942				Quarter Cut of previous sample
64943	142	142.5	0.50	s3
64944	142.5	143	0.50	s3 + gp + py-po
64945				Coarse Reject of previous sample
64946	143	144	1.00	s3
64947	150	151	1.00	s3 + qz-ab veinlets + al-sil
64948	151	152	1.00	s3 + qz-ab veinlets + al-sil
64949	152	153	1.00	s3 + qz-ab veinlets + al-sil
64950	153	154.5	1.50	s3 + qz-ab veinlets + al-sil
64951	154.5	156	1.50	s3 + qz-ab veinlets + al-sil
64952				Blank 1: Appalache Valley Pierre Decorative Stone
64953	161	162	1.00	s3 + qz-ab veinlets + al-sil

RQD			Surimeau - December 2021		SUR-21-23		PAGE: 3
FROM	TO	Length Core Run	Σ pieces >10cm	RQD %			
2.5	3	0.5	0.4	80.00			
3	6	3	2.6	86.67			
6	9	3	2.9	96.67			
9	12	3	3	100.00			
12	15	3	3	100.00			
15	18	3	2.8	93.33			
18	21	3	3	100.00			
21	24	3	3	100.00			
24	27	3	2.8	93.33			
27	30	3	2.4	80.00	92.47		
30	33	3	2.7	90.00			
33	36	3	3	100.00			
36	39	3	2.75	91.67			
39	42	3	2.8	93.33			
42	45	3	3	100.00			
45	48	3	2.8	93.33			
48	51	3	3	100.00			
51	54	3	2	66.67			
54	57	3	3	100.00			
57	60	3	2.85	95.00			
60	63	3	3	100.00			
63	66	3	2.85	95.00			
66	69	3	1.8	60.00			
69	72	3	2.5	83.33			
72	75	3	2.6	86.67			
75	78	3	2.85	95.00			
78	81	3	2.6	86.67			
81	84	3	2.8	93.33			
84	87	3	2.75	91.67			
87	90	3	3	100.00			
90	93	3	3	100.00			

93	96	3	2.8	93.33
96	99	3	2.55	85.00
99	102	3	3	100.00
102	105	3	3	100.00
105	108	3	3	100.00
108	111	3	3	100.00
111	114	3	3	100.00
114	117	3	2.9	96.67
117	120	3	2.9	96.67
120	123	3	2.7	90.00
123	126	3	2.85	95.00
126	129	3	2.4	80.00
129	132	3	2.7	90.00
132	135	3	2.75	91.67
135	138	3	2.85	95.00
138	141	3	2.8	93.33
141	144	3	1.7	56.67
144	147	3	2.8	93.33
147	150	3	2.8	93.33
150	153	3	3	100.00
153	156	3	3	100.00
156	159	3	2.9	96.67
159	162	3	2.85	95.00

Box Lengths			Surimeau - December 2021			SUR-21-23			PAGE: 5	
DDH	Box Number	From m	To m	Box Length	DDH	Box Number	From m	To m	Box Length		
SUR-21-23	1	2.5	6.65	4.15							
SUR-21-23	2	6.65	11.1	4.45							
SUR-21-23	3	11.1	15.35	4.25							
SUR-21-23	4	15.35	19.75	4.4							
SUR-21-23	5	19.75	24	4.25							
SUR-21-23	6	24	28.3	4.3							
SUR-21-23	7	28.3	32.45	4.15							
SUR-21-23	8	32.45	36.7	4.25							
SUR-21-23	9	36.7	41	4.3							
SUR-21-23	10	41	45.5	4.5							
SUR-21-23	11	45.5	48.45	2.95							
SUR-21-23	12	48.45	53.7	5.25							
SUR-21-23	13	53.7	57.45	3.75							
SUR-21-23	14	57.45	62.3	4.85							
SUR-21-23	15	62.3	66.45	4.15							
SUR-21-23	16	66.45	70.5	4.05							
SUR-21-23	17	70.5	75	4.5							
SUR-21-23	18	75	79.2	4.2							
SUR-21-23	19	79.2	83.7	4.5							
SUR-21-23	20	83.7	87.85	4.15							
SUR-21-23	21	87.85	92.2	4.35							
SUR-21-23	22	92.2	96.65	4.45							
SUR-21-23	23	96.65	100.9	4.25							
SUR-21-23	24	100.9	105.25	4.35							
SUR-21-23	25	105.25	109.75	4.5							
SUR-21-23	26	109.75	114	4.25							
SUR-21-23	27	114	118.2	4.2							
SUR-21-23	28	118.2	122.65	4.45							
SUR-21-23	29	122.65	127.9	5.25							
SUR-21-23	30	127.9	131.3	3.4							
SUR-21-23	31	131.3	135.6	4.3							

SUR-21-23	32	135.6	139.9	4.3
SUR-21-23	33	139.9	144.1	4.2
SUR-21-23	34	144.1	148.3	4.2
SUR-21-23	35	148.3	152.7	4.4
SUR-21-23	36	152.7	157.1	4.4
SUR-21-23	37	157.1	161.55	4.45
SUR-21-23	38	161.55	152	-9.55

Minroc Management

Project:	Surimeau - December 2021
Hole Number:	**SUR-21-24**
Units of Measurement:	Metres
Location — **NTS Sheet:**	
Township:	
Claim No:	
Grid:	
Easting:	
Northing:	
Elevation:	358
GPS Co-ordinates: (if applicable) — **Zone:**	17U
Datum:	NAD83
Easting:	697450
Northing:	5328209
Collar Dip:	-45
Collar Azimuth:	180
Hole Length:	117
Core Size:	NQ
Recovery (%)	98.55
Logged By:	Francis Newton
Date: **Start:**	06-Dec-21
Finish:	06-Dec-21
Drilled by:	D'ami Or
Date: **Start:**	05-Dec-21
Finish:	06-Dec-21

	INCLINATION TESTS			
	DEPTH	**DIP**	**AZIMUTH**	(RAW)
Mag	**COLLAR**	-45.0	180.0	
53957	51	-43.5	184.2	196.2
55704	102	-42.8	181.7	193.7
			-12	
			-12	
			-12	
			-12	
			-12	
			-12	
			-12	

Comments
Overcut of SUR-21-23 and 25. Drilled under new stripping under the well mineralized bedrock near east end of trench (strong Cpy, Sph and Po mineralization in graphitic mudstone + ultramafic).
QA/QC info
Blank 1: Appalache Valley Pierre Decorative Stone
Standard-1: GEOSTATS GMB300-10C email : pjh@geostats.com.au

Minroc Management

FROM	TO	LITHO	Desc	Angle TCA
0	**2.9**	**OB**	**Overburden**	
2.9	**111**	**V4**	**Blue-grey to green, ultramafic. Medium grained and massive to weakly foliated assemblage of fibrous pyroxene or amphibole with minor carbonate. Replacement of massive finely granular to cumulate komatiite flows showing minor flow top breccia over 0.3 meter intervals associated with serpentinisation crack patterns. Patchy mod mag throughout. Weakly foliated 17.5-27m at 55deg TCA.**	
Structure				
3.3	3.45	BLOCKY	blocky core	
3.45	5.4	CARB-BT	frequent irregular white carb stringers and veinlets, roughly oriented perpendicular to core axis. Frequent biotite clots within and along stringers/veinlets	90
14	14.8	CARB-BT	frequent irregular white carb stringers and veinlets. Frequent biotite clots within and along stringers/veinlets	
17.5	27	FOL	weakly foliated at 55deg TCA through interval	
62	62.2	QFP	blue-grey qfp	
64.15	64.35	QFP	blue-grey qfp	
69.8	70	QFP	blue-grey qfp	
70.15	70.8	QFP	blue-grey qfp	
85.5	86.3	BLOCKY	blocky core	
95.3	96	BLOCKY	blocky core	
82	84.65	CARB-BT	frequent irregular white carb stringers and veinlets. Frequent biotite clots within and along stringers/veinlets	
95.1	95.5	CARB-BT	frequent irregular white carb stringers and veinlets. Frequent biotite clots within and along stringers/veinlets	
Alteration				
3.3	5.4	BT,TR, CARB	Green, fine to med grain Fe tremolite-biotite unoriented assemblage. Patches of mod to weak to mod pervasive carb alt	
13.35	22.5	TR,BT	Green, fine grain unoriented Fe tremolite-biotite assemblage in gradual contact. Local calcite veining. Stronger brown colour 17.5-22.5.	
22.5	25.5	AB	Weak to mod albitization through interval. Rare dark grey-black bands, possibly graphitic?	
22.5	22.8	CALC-SI, AB	creamy brown colour, fine to medium grain (1-2mm). Plagioclase matrix with Cr tremolite with occasional Cr grossular. Pyrrhotite bearing.	
25.25	25.5	CALC-SI, AB	creamy brown colour, fine to medium grain (1-2mm). Plagioclase matrix with Cr tremolite with occasional Cr grossular. Pyrrhotite bearing.	
25.5	27	AB	irregular blue-grey ab banding/alteration	
25.5	42.95	TR,BT	Green, fine grain unoriented Fe tremolite-biotite assemblage in gradual contact. Local calcite veining.	
41.6	42.95	CALC-SI	Green, fine to medium grain (1-2mm). Plagioclase matrix with Cr diopside-Cr tremolite with occasional Cr grossular. Pyrrhotite bearing.	
42.95	44.05	CALC-SI, AB	creamy brown colour, fine to medium grain (1-2mm). Plagioclase matrix with Cr tremolite with occasional Cr grossular. Pyrrhotite bearing.	65
44.05	45.05	AB	Weak to mod albitization through interval. Finer grained.	
45.05	45.55	CALC-SI, AB	creamy brown colour, fine to medium grain (1-2mm). Plagioclase matrix with Cr tremolite with occasional Cr grossular. Pyrrhotite bearing.	65
45.55	48.7	CALC-SI, TR, BT	Green, fine to medium grain (1-2mm). Plagioclase matrix with Cr diopside-Cr tremolite with occasional Cr grossular. Pyrrhotite bearing, fine grain unoriented Fe tremolite-biotite assemblaget. Local calcite veining.	
48.7	51.7	CALC-SI, AB	creamy brown colour, fine to medium grain (1-2mm). Plagioclase matrix with Cr tremolite with occasional Cr grossular. Pyrrhotite bearing.	55
51.7	52.4	CALC-SI	Green, fine to medium grain (1-2mm). Plagioclase matrix with Cr diopside-Cr tremolite with occasional Cr grossular. Pyrrhotite bearing.	
52.4	53.5	TR,BT	Green, fine grain unoriented Fe tremolite-biotite assemblage. Local calcite veining.	
62.2	63.3	TR,BT	Green to brownish, fine grain unoriented Fe tremolite-biotite assemblage. Local calcite veining.	
63.3	71.5	BT, TR	Green, fine grain unoriented Fe tremolite-biotite assemblage. Local calcite veining. Strong to very strong biotitization 68.9-69.1m.	
71.5	72	CALC-SI, AB	creamy brown colour, fine to medium grain (1-2mm). Plagioclase matrix with Cr tremolite with occasional Cr grossular. Pyrrhotite bearing.	

72	73	TR,BT	Green to brownish, fine grain unoriented Fe tremolite-biotite assemblage. Local calcite veining.	
80	86.6	TR,BT, CARB	Green to brownish, fine grain unoriented Fe tremolite-biotite assemblage. Local calcite veining. Frequent carb fractures/stringers and patchy pervasiveness.	
84.65	85.15	CALC-SI, AB	creamy brown colour, fine to medium grain (1-2mm). Plagioclase matrix with Cr tremolite with occasional Cr grossular. Pyrrhotite bearing.	
85.7	85.8	CALC-SI, AB	creamy brown colour, fine to medium grain (1-2mm). Plagioclase matrix with Cr tremolite with occasional Cr grossular. Pyrrhotite bearing.	
101.5	101.7	BT	mod to strong biotite alt, mod to strong foliation at 80deg TCA	80
106.2	106.25	BT, CARB	fine stringers of biotite + carbonate 90deg TCA	90
106.5	111	TR,BT	Brownish, fine grain unoriented Fe tremolite-biotite assemblage. Local calcite veining.	
108.5	110	AB	weak albitization within ultramafics near sedimentary contact	
Mineralization				
22.5	22.8	PY,PO,CPY,SPH,PENT	PY,PO,CPY,SPH,PENT, 2-5% sulfide overall in stringers conc to fol. XRF: 100ppm Ni, 160ppm Cu, 0.54% Zn	
22.8	25.25	PO,PY, PENT	PO,PY,PENT, tr to locally 1%. Large coarse clotty py,po,pent at 23.65m.	
23.65	23.65	XRF	XRF scan: 0.12% Ni, 515ppm Cu, 110ppm Zn	
25.25	25.5	PY,PO,CPY,SPH,PENT	PY,PO,CPY,SPH,PENT, 5-7% sulfide overall in stringers conc to fol. XRF: 510ppm Cu, 0.11% Zn	
25.5	26.1	PO,PY, PENT	PO,PY,PENT, tr to locally 2%	
25.8	25.8	XRF	XRF scan: 0.14% Ni, 200ppm Cu, 175ppm Zn	
41.6	42.95	PO,PY,CPY,SPH,PENT	PO,PY,CPY,SPH,PENT - 5-7% sulfide overall, concetration increases towards bottom contact. Sulfides as fine stringers and med to coarse clots.	
42.95	44.05	PY,PO,CPY,SPH,PENT	PY,PO,CPY,SPH,PENT, 5-7% sulfide overall in stringers conc to fol	
43.15	43.15	XRF	XRF scan: 660ppm Ni, 210ppm Cu, 0.9% Zn	
43.65	43.65	XRF	XRF scan: 120ppm Ni, 350ppm Cu, 0.69% Zn	
44.05	45.05	PO,PY, CPY	PO,PY,CPY, tr to locally 2%	
45.05	45.55	PY,PO,CPY,SPH,PENT	PY,PO,CPY,SPH,PENT, 7-10% sulfide overall in stringers conc to fol + fine disseminations	
45.05	45.05	XRF	XRF scan: 570ppm Ni, 0.14% Cu, 3.16% Zn	
45.3	45.3	XRF	XRF scan: 200ppm Ni, 1.2% Cu, 2.6% Zn	
45.3	48.7	PO,PY, CPY, PENT	PO,PY,CPY, PENT tr to locally 2% with rare 0.5-1cm stringers	
46.3	46.3	XRF	XRF scan: 0.44% Ni, 445ppm Cu, 225ppm Zn	
48.7	51.7	PY,PO,CPY,SPH,PENT	PY,PO,CPY,SPH,PENT, 5-7% sulfide overall in stringers conc to fol + fine disseminations	
49	49	XRF	XRF scan: 280ppm Ni, 5% Cu, 3.3% Zn	
49.9	49.9	XRF	XRF scan: 340ppm Ni, 1.48% Cu, 1.55% Zn	
50.5	50.5	XRF	XRF scan: 0.73% Ni, 135ppm Zn	
50.6	50.6	XRF	XRF scan: 330ppm Ni, 375ppm Cu, 9% Zn	
50.8	50.8	XRF	XRF scan: 900ppm Ni, 360ppm Cu, 1.18% Zn	
51.4	51.4	XRF	XRF scan: 150ppm Ni, 0.15% Cu, 2.1% Zn	
51.7	52.4	PO	PO, 1-5% disseminated throughout. XRF: 570ppm Ni, 270ppm Cu, 220ppm Zn	
70.8	71.5	PO	PO, 1-5% disseminated throughout. XRF: 580ppm Co, 780ppm Ni, 830ppm Cu, 500ppm Zn	
71.5	72	PY,PO,CPY,SPH,PENT	PY,PO,CPY,SPH,PENT, 5-7% sulfide overall in stringers conc to fol + fine disseminations	
82.6	84.4	PO,PY, CPY	PO,PY,CPY, tr to locally 2% - fine stringers and disseminations	
84.4	84.65	PY,PO,CPY,SPH,PENT	PY,PO,CPY,SPH,PENT, 5-7% sulfide overall in clots and disseminations	
84.4	84.4	XRF	XRF scan: 920ppm Ni, 0.12% Cu, 730ppm Zn	
84.3	84.6	XRF	XRF scan: 0.27% Ni, 340ppm Cu, 525ppm Zn	
84.65	85.15	PY,PO,CPY,SPH,PENT	PY,PO,CPY,SPH,PENT, 1-3% sulfide overall in clots and disseminations	
85.7	85.8	PY,PO,CPY,SPH,PENT	PY,PO,CPY,SPH,PENT, 1-3% sulfide overall in clots and disseminations	
108.6	110.1	PY	PY, trace to locally 1% disseminations and fine stringers	
111	**117**	**S3**	**Dark grey, layered quartz-biotite-muscovite, fine to medium grained meta-sediments. Constant foliation parallel to bedding. Foliation consistently 60-65deg TCA.**	**60**
Alteration				
111	117	BT, MS	weak to mod biotitization throughout, locally strong. Weak to mod muscovite alteration throughout.	
111	111.8	SIL	very weak to weak silicification	

115.1	115.9	AL-SIL	clusters of blue-grey al-silicate crystals present throughout, vary from 1-10mm in size, crystals often elongated in direction of foliation/bedding. Fine 1-3mm bt crystals around and along al-silicated crystals	
Mineralization				
111	113.3	PY	PY, trace clots, nodules and stringers, conc to foliation and along fracture planes	65

SAMPLES			Surimeau - December 2021				SUR-21-24			PAGE: 4	
Sample	**From m**	**To m**	**Length**	**DESCRIPTION**	**Au g/t**						
64954	2.9	4	1.10	v4 + bt							
64955				Standard-1: GEOSTATS GMB300-10C email : pjh@geostats.com.au							
64956	4	5.4	1.40	v4 + bt-tr + carb - vbx							
64957	5.4	6.5	1.10	v4							
64958	6.5	8	1.50	v4							
64959	8	9.5	1.50	v4							
64960	9.5	11	1.50	v4							
64961	11	12.25	1.25	v4							
64962				Coarse Reject of previous sample							
64963	12.25	13.35	1.10	v4							
64964	13.35	14.5	1.15	v4 + bt-tr							
64965				Quarter Cut of previous samples							
64966	14.5	16	1.50	v4 + bt-tr							
64967	16	17.5	1.50	v4 + bt-tr							
64968	17.5	18.5	1.00	v4 + bt-tr							
64969	18.5	20	1.50	v4 + bt-tr -carb							
64970	20	21	1.00	v4 + bt-tr -carb							
64971	21	22.5	1.50	v4 + bt-tr -carb							
64972				Blank 1: Appalache Valley Pierre Decorative Stone							
64973	22.5	23	0.50	v4 + calc-sil + ab + py-po-sph-cpy							
64974	23	24	1.00	v4 + ab + bt + py-po							
64975	24	25.25	1.25	v4 + ab + bt + py-po							
64976	25.25	25.5	0.25	v4 calc-sil + ab + py-po-cpy + tr pent							
64977	25.5	26.1	0.60	v4 + bt-tr-carb							
64978	26.1	27	0.90	v4 + bt-tr-carb							
64979	27	28.5	1.50	v4 + bt-tr-carb							
64980	28.5	30	1.50	v4 + bt-tr-carb							
64981	30	31.5	1.50	v4 + bt-tr-carb							
64982	31.5	33	1.50	v4 + bt-tr-carb							
64983	33	34.5	1.50	v4 + bt-tr-carb							
64984	34.5	36	1.50	v4 + bt-tr-carb							
64985	36	37.5	1.50	v4 + bt-tr-carb							
64986	37.5	39	1.50	v4 + bt-tr-carb							
64987	39	40.5	1.50	v4 + bt-tr-carb							
64988	40.5	41.6	1.10	v4 + bt-tr-carb							
64989	41.6	42	0.40	v4 + cr-diopside + calc-sil + po							

64990	42	42.95	0.95	v4 + cr-diopside + calc-sil + po
64991	42.95	44.05	1.10	v4 + calc-sil + ab + py-po-sph-cpy + tr pent
64992				Quarter Cut of previous sample
64993	44.05	45.05	1.00	v4 + ab + py-po
64994	45.05	45.55	0.50	v4 + ab + carb + py-po-sph-cpy
64995				Coarse Reject of previous sample
64996	45.55	47	1.45	v4 + calc-sil + ca + po
64997	47	48	1.00	v4 + bt-tr + ab str
64998	48	48.7	0.70	v4 + bt-tr + ab str
64999	48.7	49.7	1.00	calc-sil + ab + ca + py-po-cpy-pent-sph
65000	49.7	50.7	1.00	calc-sil + ab + ca + py-po-cpy-pent-sph
65851	50.7	51.7	1.00	calc-sil + ab + ca + py-po-cpy-pent-sph
65852				Blank 1: Appalache Valley Pierre Decorative Stone
65853	51.7	52.4	0.70	v4 + calc-sil + cr-diop + po-py-pent-sph-cpy
65854	52.4	53.1	0.70	v4 + bt-tr
65855	53.1	53.9	0.80	v4 + bt-tr
65856	53.9	54.6	0.70	v4 + bt-tr
65857	54.6	56	1.40	v4
65858	56	57.5	1.50	v4
65859	57.5	59	1.50	v4
65860	59	60.5	1.50	v4
65861	60.5	62	1.50	v4
65862				Coarse Reject of previous sample
65863	62	62.2	0.20	qfp
65864	62.2	63	0.80	v4
65865				Quarter Cut of previous samples
65866	63	64.15	1.15	v4 + calc-sil
65867	64.15	64.35	0.20	qfp
65868	64.35	65.5	1.15	v4 + bt + qz-ab + ca str
65869	65.5	67	1.50	v4 + bt-tr
65870	67	68.5	1.50	v4 + bt-tr + ca str
65871	68.5	69.8	1.30	v4 + bt-tr + ca str
65872				Blank 1: Appalache Valley Pierre Decorative Stone
65873	69.8	70.8	1.00	qfp + 20cm v4
65874	70.8	71.5	0.70	v4 + bt-tr + cr-diop + ab,ca str + po-py + tr pent,sph,cpy
65875	71.5	72	0.50	calc-sil, ab + py-po + bt
65876	72	73	1.00	v4 + bt-tr
65877	73	74.5	1.50	v4
65878	74.5	76	1.50	v4
65879	76	77.5	1.50	v4
65880	77.5	79	1.50	v4

65881	79	80	1.00	v4
65882	80	81.5	1.50	v4 + bt-tr + ca str
65883	81.5	82.6	1.10	v4 + bt-tr + ca str
65884	82.6	83.8	1.20	v4 + bt-tr + ca str
65885	83.8	84.65	0.85	v4 + bt-tr + ca str + po-pent-py-sph-cpy stringers and diss
65886	84.65	85.15	0.50	calc-sil + ab + py-po + tr chl
65887	85.15	86.6	1.45	v4 + bt-tr + calc-sil-ab + py-po
65888	86.6	88	1.40	v4
65889	88	89.5	1.50	v4
65890	89.5	91	1.50	v4
65891	91	92.5	1.50	v4
65892				Quarter Cut of previous sample
65893	92.5	94	1.50	v4
65894	94	95	1.00	v4
65895				Coarse Reject of previous sample
65896	95	96	1.00	v4 + bt-tr + ca str
65897	96	97.5	1.50	v4
65898	97.5	99	1.50	v4
65899	99	100.5	1.50	v4
65900	100.5	101.5	1.00	v4
65901	101.5	103	1.50	v4
65902				Blank 1: Appalache Valley Pierre Decorative Stone
65903	103	104.5	1.50	v4
65904	104.5	106	1.50	v4
65905	106	107.4	1.40	v4
65906	107.4	108.5	1.10	v4 + bt-tr
65907	108.5	110	1.50	v4 + bt-tr
65908	110	111	1.00	v4 + bt-tr
65909	111	112.5	1.50	s3 + gp + tr py str
65910	112.5	113.5	1.00	s3 + py clots
65911	113.5	115	1.50	s3
65912				Coarse Reject of previous sample
65913	115	115.9	0.90	s3 + al-sil
65914	115.9	117	1.10	s3
65915				Quarter Cut of previous samples

RQD			Surimeau - December 2021		SUR-21-24	PAGE: 3
FROM	TO	Length Core Run	Σ pieces >10cm	RQD %		
2.9	3	0.1	0.1	100.00		
3	6	3	2.4	80.00		
6	9	3	3	100.00		
9	12	3		0.00		
12	15	3	12.8	426.67		
15	18	3	2.9	96.67		
18	21	3	2.9	96.67		
21	24	3	2.9	96.67		
24	27	3	2.5	83.33		
27	30	3	2.9	96.67	98.55	
30	33	3	2.8	93.33		
33	36	3	2.75	91.67		
36	39	3	2.8	93.33		
39	42	3	3	100.00		
42	45	3	2.7	90.00		
45	48	3	3	100.00		
48	51	3	2.9	96.67		
51	54	3	2.6	86.67		
54	57	3	2.8	93.33		
57	60	3	3	100.00		
60	63	3	2.85	95.00		
63	66	3	3	100.00		
66	69	3	3	100.00		
69	72	3	2.55	85.00		
72	75	3	3	100.00		
75	78	3	2.7	90.00		
78	81	3	2.85	95.00		
81	84	3	2.8	93.33		
84	87	3	1.7	56.67		
87	90	3	2.8	93.33		
90	93	3	3	100.00		

93	96	3	2.9	96.67
96	99	3	2.8	93.33
99	102	3	2.8	93.33
102	105	3	3	100.00
105	108	3	2.9	96.67
108	111	3	2.2	73.33
111	114	3	2.4	80.00
114	117	3	2.4	80.00

Box Lengths			Surimeau - December 2021				SUR-21-24			PAGE: 5	
DDH	Box Number	From m	To m	Box Length	DDH	Box Number	From m	To m	Box Length		
SUR-21-24	1	2.9	7.2	4.3							
SUR-21-24	2	7.2	11.6	4.4							
SUR-21-24	3	11.6	15.95	4.35							
SUR-21-24	4	15.95	20.25	4.3							
SUR-21-24	5	20.25	24.4	4.15							
SUR-21-24	6	24.4	28.7	4.3							
SUR-21-24	7	28.7	33	4.3							
SUR-21-24	8	33	37.4	4.4							
SUR-21-24	9	37.4	41.65	4.25							
SUR-21-24	10	41.65	46	4.35							
SUR-21-24	11	46	50.3	4.3							
SUR-21-24	12	50.3	54.6	4.3							
SUR-21-24	13	54.6	58.9	4.3							
SUR-21-24	14	58.9	63.3	4.4							
SUR-21-24	15	63.3	67.7	4.4							
SUR-21-24	16	67.7	72.1	4.4							
SUR-21-24	17	72.1	76.3	4.2							
SUR-21-24	18	76.3	80.6	4.3							
SUR-21-24	19	80.6	84.95	4.35							
SUR-21-24	20	84.95	89.4	4.45							
SUR-21-24	21	89.4	93.8	4.4							
SUR-21-24	22	93.8	97.8	4							
SUR-21-24	23	97.8	102	4.2							
SUR-21-24	24	102	106.4	4.4							
SUR-21-24	25	106.4	110.5	4.1							
SUR-21-24	26	110.5	114.9	4.4							
SUR-21-24	27	114.9	117	2.1							

Minroc Management

Project:		Surimeau - December 2021
Hole Number:		**SUR-21-25**
Units of Measurement:		Metres
Location	**NTS Sheet:**	
	Township:	
	Claim No:	
	Grid:	
	Easting:	
	Northing:	
	Elevation:	358
GPS Co-ordinates:	**Zone:**	17U
(if applicable)	**Datum:**	NAD83
	Easting:	697450
	Northing:	5328209
Collar Dip:		-80
Collar Azimuth:		180
Hole Length:		189
Core Size:		NQ
Recovery (%)		94.11
Logged By:		Francis Newton
Date:	**Start:**	07-Dec-21
	Finish:	08-Dec-21
Drilled by:		D'ami Or
Date:	**Start:**	06-Dec-21
	Finish:	07-Dec-21

	INCLINATION TESTS				
	DEPTH	**DIP**	**AZIMUTH**	(RAW)	**Comments**
Mag	**COLLAR**	-80.0	180.0		
55933	51	-79.1	176.3	188.3	Undercut of SUR-21-23 and 24. Drilled under new stripping under the well mineralized bedrock
54142	99	-78	178.1	190.1	near east end of trench (strong Cpy, Sph and Po mineralization in graphitic mudstone +
54178	151	-76.1	180.1	192.1	ultramafic).
			-12		
			-12		
			-12		
			-12		
			-12		
			-12		

QA/QC info

Blank 1: Appalache Valley Pierre Decorative Stone

Standard-1: GEOSTATS GMB300-10C email : pjh@geostats.com.au

Minroc Management

FROM	TO	LITHO	Desc	Angle TCA
0	**3**	**OB**	**Overburden**	
3	**57**	**V4**	**Blue-grey to green, ultramafic. Fine to medium grained and massive to weakly foliated assemblage of fibrous pyroxene or amphibole with minor carbonate. Replacement of massive finely granular to cumulate komatiite flows showing minor flow top breccia over 0.3 meter intervals associated with serpentinisation crack patterns. Patchy mod mag throughout.**	
Structure				
3	3.1	BLOCKY	blocky core	
42.1	42.5	BLOCKY	blocky core, poor recovery	
33.9	37	CARB	frequent whispy 0.5-3cm calcite veinlets and stringers, concordant to a weak foliation at approximately 40deg TCA.	40
46.25	46.7	CARB	frequent whispy 0.5-3cm calcite veinlets and stringers, concordant to a weak foliation at approximately 75deg TCA.	75
50.5	51	CARB	occasional carbonate stringers and veinlets	
Alteration				
4.15	7.25	BT,TR, CARB	Green, fine to med grain Fe tremolite-biotite unoriented assemblage. Patches of mod to weak to mod pervasive carb alt and occasional carbonate stringers/veinlets.	
19.9	20.3	TR,BT	Patches of green to brownish, fine grain unoriented Fe tremolite-biotite assemblage in gradual contact. Local calcite veining.	
20.3	25	TR,BT	Green to brownish, fine grain unoriented Fe tremolite-biotite assemblage in gradual contact. Local calcite veining.	
33.9	37	CARB, AB	whispy pervasive carbonate alteration and albitization around calcite veinlets and stringers	
38	40	BT,TR, CARB	Green, fine to med grain Fe tremolite-biotite unoriented assemblage, occasional carbonate stringers/veinlets.	
46.25	51.6	BT,TR, CARB	Green, fine to med grain Fe tremolite-biotite unoriented assemblage, occasional carbonate stringers/veinlets.	
51.6	57	TR	Greenish, fine to med grain Fe tremolite unoriented assemblage.	
57	**111.25**	**V4**	**Green, occasionally blue-green in colour, ultramafic. Fine to medium grained and massive to weakly foliated assemblage of fibrous pyroxene or amphibole with minor carbonate. Replacement of massive finely granular to cumulate komatiite flows showing minor flow top breccia over 0.3 meter intervals associated with serpentinisation crack patterns. Patchy weak to mod mag throughout. Volcanic breccia? (ex: 65-66, 68-69m, etc...). Becomes weak to moderately foliated after 88.**	
Structure				
59.6	60.05	CARB	irregular calcite veining up to 10 cm thick + veinlets and stringers,	
64	65	BLOCKY	blocky core	
68.9	69	CARB	irreegular 3-5cm calcite veining, fragments of umaf within vein	
69	70	SPINIFEX	spinifex texture, coarse blades of serpentine	
84.75	84.85	BLOCKY	blocky core	
85.15	85.2	BLOCKY	blocky core	
85.6	85.75	BLOCKY	blocky core	
88	111.25	FOL	becomes foliated at approximately 40-45deg TCA. Stronger from 89.25m.	45
88.8	89.25	QFP	blue-grey qfp, massive	
94.65	94.7	BLOCKY	blocky core	
106.5	107.05	BLOCKY	blocky core	
Alteration				
57	79.2	TR,BT	Green, fine grain unoriented Fe tremolite-biotite assemblage. Local calcite veining. More tremolite than biotite	
71.5	71.8	CALC-SI	Green, fine to medium grain (1-2mm). Plagioclase matrix with Cr diopside-Cr tremolite with occasional Cr grossular. Pyrrhotite bearing.	
72.8	74.2	CALC-SI	Green, fine to medium grain (1-2mm). Plagioclase matrix with Cr diopside-Cr tremolite with occasional Cr grossular. Pyrrhotite bearing.	
74.5	74.8	CALC-SI	Green, fine to medium grain (1-2mm). Plagioclase matrix with Cr diopside-Cr tremolite with occasional Cr grossular. Pyrrhotite bearing.	

78.5	78.2	CARB	mod pervasive carb alt	
79.2	80.75	CALC-SI, AB	creamy brown colour, fine to medium grain (1-2mm). Plagioclase matrix with Cr tremolite with occasional Cr grossular. Pyrrhotite bearing.	
80.75	84	TR,BT	Green, fine grain unoriented Fe tremolite-biotite assemblage. Local calcite veining. More tremolite than biotite	
86.65	88.8	TR,BT	Green to brownish, fine grain unoriented Fe tremolite-biotite assemblage. Local calcite veining. Occasional bands of strong to very strong biotite alteration.	
89.25	96.65	TR,BT	Green to brownish, fine grain unoriented Fe tremolite-biotite assemblage. Local calcite veining. Occasional bands of strong to very strong biotite alteration.	
97.9	111.25	TR,BT	Green to brownish, fine grain unoriented Fe tremolite-biotite assemblage. Local calcite veining. Occasional bands of strong to very strong biotite alteration.	
103.6	105.15	CALC-SI, AB	creamy brown colour, fine to medium grain (1-2mm). Plagioclase matrix with Cr tremolite with occasional Cr grossular. Pyrrhotite bearing.	
106.75	107.05	CALC-SI, AB	fragments of creamy brown colour, fine to medium grain (1-2mm). Plagioclase matrix with Cr tremolite with occasional Cr grossular. Pyrrhotite bearing.	
Mineralization				
71.5	78.5	PO	PO, trace to locally 1% fine to med disseminations	
78.5	79.2	PO, PY	PO,PY, 3-5% sulfide overall, med disseminated throughout	
78.95	78.95	XRF	XRF scan: 0.15% Ni, 910ppm Cu, 340ppm Zn	
79.2	80.75	PY,PO,CPY,SPH,PENT	PY,PO,CPY,SPH,PENT, 7-10% sulfide overall in stringers conc to fol + fine to coarse disseminations	
79.4	79.4	XRF	XRF scan: 0.2% Ni, 0.13% Cu, 115ppm Zn	
80.4	80.4	XRF	XRF scan: 0.16% Ni, 680ppm Cu, 905ppm Zn	
80.75	81.35	PO	PO, trace to locally 1% fine to med disseminations	
88.8	89.25	PO	PO, trace to locally 1% fine to med disseminations	
96.65	97.9	PO	PO, trace to locally 1% fine to med disseminations	
97.9	100.05	PO, PY	PO,PY, trace sulfide overall, med disseminated throughout	
100.05	105.15	PY,PO,CPY,SPH,PENT	PY,PO,CPY,SPH,PENT, 3-5% sulfide overall in stringers conc to fol + fine to coarse disseminations	
100.25	100.25	XRF	XRF scan: 730ppm Ni, 190ppm Cu, 415ppm Zn	
101.4	101.4	XRF	XRF scan: 0.18% Ni, 0.41% Cu, 0.11% Zn	
102.75	102.75	XRF	XRF scan: 535ppm Ni, 625ppm Cu, 440ppm Zn	
104.9	104.9	XRF	XRF scan: 550ppm Ni, 130ppm Cu, 0.51% Zn	
106.75	107.05	PO, PY, PENT	PO,PY,PENT, 3-5% sulfide overall in stringers conc to fol + fine to coarse disseminations within fragments of ab-calc-silicate altered rock.	
106.8	106.8	XRF	XRF scan: 0.4% Ni	
111.25	**171.45**	**V4**	**Blue-grey to green, ultramafic. Fine to medium grained and massive to weakly foliated assemblage of fibrous pyroxene or amphibole with minor carbonate. Replacement of massive finely granular to cumulate komatiite flows showing minor flow top breccia over 0.3 meter intervals associated with serpentinisation crack patterns. Patchy mod mag throughout.**	
Structure				
120.5	121	CARB	frequent whispy 0.5-3cm calcite veinlets and stringers, concordant to a weak foliation at approximately 35deg TCA.	35
129	130.5	CARB	frequent whispy 0.5-3cm calcite veinlets and stringers, concordant to a weak foliation at approximately 45deg TCA.	45
130.2	131.2	BLOCKY	blocky core	
131.6	132	BLOCKY	blocky core	
139.1	169.3	XENOLITH	frequent clusters 2-20mm dark xenoliths in v4, magnetic	
150	150.65	CARB	frequent whispy 0.5-3cm calcite veinlets and stringers, concordant to a weak foliation at approximately 60-65deg TCA. Volcanic breccia?	65
154.3	154.65	BLOCKY	blocky core, poor recovery	
158.7	161.7	CARB	frequent 0.5-3cm calcite veinlets and stringers, concordant to a weak foliation at approximately 25-30deg TCA.	
169.4	170.25	CARB	frequent 0.5-3cm calcite veinlets and stringers, concordant to a weak foliation at approximately 25-30deg TCA.	
Alteration				
111.25	116.1	TR,BT	Green to brownish, fine grain unoriented Fe tremolite-biotite assemblage in gradual contact. Local calcite veining.	
124.15	125.95	TR,BT	Green to brownish, fine grain unoriented Fe tremolite-biotite assemblage in gradual contact. Strong bt alt 124.3-124.9m.	
127.2	134.7	TR,BT	Patches of green to brownish, fine grain unoriented Fe tremolite-biotite assemblage in gradual contact. Strongest 129-131m.	

137.65	137.9	BT, CARB	Green to brownish, fine to med grained bt and calcite crystals in unoriented assemblage.	
149.5	150.65	TR,BT	Green, fine grained unoriented Fe tremolite-biotite assemblage in gradual contact. Frequent calcite veinlets and stringers (volcanic bx).	
154.5	154.65	TR,BT	Green, fine grained unoriented Fe tremolite-biotite assemblage.	
158.7	161.7	TR,BT	Green to brownish, fine grained unoriented Fe tremolite-biotite assemblage in gradual contact. Calcite veining throughout.	
169.3	171.45	TR,BT	Green to brownish, fine grained unoriented Fe tremolite-biotite assemblage in gradual contact. Calcite veinlets and stringers at bottom contact.	
Mineralization				
115	127.2	PO	PO, trace to locally 1% fine to med disseminations. 1-3% med to coarse dissemination PO from 12-120.5m.	
156	158	PO	PO, trace, fine to med crystals.	
170.25	171.45	PO	PO, trace to locally 2% fine to med grained.	
171.45	**189**	**S3**	**Dark grey, layered quartz-biotite-muscovite, fine to medium grained meta-sediments. Constant foliation parallel to bedding. Foliation consistently 45-50deg TCA. Occasional alternating bands of sediment and ultramafic (172.3-180.7m). Main sulfide-bearing zones from 171.45-172.3m, 172.55-172.6m, 173.3-173.85m, 174-174.05m, 174.7-174.75m, 178.2-178.5m, 178.7-180.2m.**	**45**
Structure				
171.45	172.3	CALC-SIL / SIL S3	calc-silicate or silicified sediments? Fine grained, banded and foliated at 45deg TCA. Frequent sulfide stringers (py-po-sph).	45
172.55	172.6	CALC-SIL / SIL S3	calc-silicate or silicified sediments? Fine grained, banded and foliated at 45deg TCA. Frequent sulfide stringers (py-po-sph).	
173.3	173.85	CALC-SIL / SIL S3	calc-silicate or silicified sediments? Fine grained, banded and foliated at 45deg TCA. Frequent sulfide stringers (py-po-sph).	
174	174.05	CALC-SIL / SIL S3	calc-silicate or silicified sediments? Fine grained, banded and foliated at 45deg TCA. Frequent sulfide stringers (py-po-sph).	
174.7	174.75	CALC-SIL / SIL S3	calc-silicate or silicified sediments? Fine grained, banded and foliated at 45deg TCA. Frequent sulfide stringers (py-po-sph).	
175.8	176	CARB	1-3mm calcite veinlets and stringers concordant to foliation.	60
178.2	178.5	CALC-SIL / SIL S3	calc-silicate or silicified sediments? Fine grained, banded and foliated at 45deg TCA. Frequent sulfide stringers (py-po-sph).	
178.7	180.2	CALC-SIL / SIL S3	calc-silicate or silicified sediments? Fine grained, banded and foliated at 45deg TCA. Frequent sulfide stringers (py-po-sph).	
Alteration				
171.45	172.3	CALC-SIL, AB, SIL	creamy brown colour, banded, fine to medium grain (1-2mm). Plagioclase matrix with Cr tremolite with occasional Cr grossular. Sulfide bearing (Po,Py,Sph)	
172.55	172.6	CALC-SIL, AB, SIL	creamy brown colour, banded, fine to medium grain (1-2mm). Plagioclase matrix with Cr tremolite with occasional Cr grossular. Sulfide bearing (Po,Py,Sph)	
173.3	173.85	CALC-SIL, AB, SIL	creamy brown colour, banded, fine to medium grain (1-2mm). Plagioclase matrix with Cr tremolite with occasional Cr grossular. Sulfide bearing (Po,Py,Sph)	
174	174.05	CALC-SIL, AB, SIL	creamy brown colour, banded, fine to medium grain (1-2mm). Plagioclase matrix with Cr tremolite with occasional Cr grossular. Sulfide bearing (Po,Py,Sph)	
174.1	178.7	BT, TR, CARB	Brownish, fine grain unoriented Fe tremolite-biotite assemblage. Patches of weak pervasive carb alt.	
174.7	174.75	CALC-SIL, AB, SIL	creamy brown colour, banded, fine to medium grain (1-2mm). Plagioclase matrix with Cr tremolite with occasional Cr grossular. Sulfide bearing (Po,Py,Sph)	
178.2	178.5	CALC-SIL, AB, SIL	creamy brown colour, banded, fine to medium grain (1-2mm). Plagioclase matrix with Cr tremolite with occasional Cr grossular. Sulfide bearing (Po,Py,Sph)	
178.7	180.2	CALC-SIL, AB, SIL	creamy brown colour, banded, fine to medium grain (1-2mm). Plagioclase matrix with Cr tremolite with occasional Cr grossular. Sulfide bearing (Po,Py,Sph)	
180.2	180.7	SIL	weak to very weakly silicified sediments	
Mineralization				
171.45	172.3	PO,PY,SPH	PY,PO,SPH, 7-10% sulfide overall in stringers conc to fol + fine disseminations	
172.1	172.1	XRF	XRF scan: 0.73% Zn, 200ppm Ni	
172.55	172.6	PO,PY,SPH	PY,PO,SPH, 5-7% sulfide overall in stringers conc to fol + fine disseminations. XRF scan: 770ppm Cu, 1.11% Zn	
173.3	173.85	PO,PY,SPH	PY,PO,SPH, 5-7% sulfide overall in stringers conc to fol + fine disseminations	
173.5	173.5	XRF	XRF scan: 700ppm Ni, 235ppm Cu, 3.03% Zn	
174	174.05	PO,PY,SPH	PY,PO,SPH, 5-7% sulfide overall in stringers conc to fol + fine disseminations	
174.7	174.75	PO,PY,SPH	PY,PO,SPH, 1-3% sulfide overall in stringers conc to fol + fine disseminations	
177.2	178.2	PO, PY	PO,PY, trace to locally 2% fine to med disseminated sulfide	

178.2	180.2	PO,PY,SPH	PY,PO,SPH, 3-5% sulfide overall in stringers conc to fol + fine disseminations	
178.3	178.3	XRF	XRF: 230ppm Cu, 2.93% Zn	
180.2	189	PO, PY	PO,PY, trace to locally 2% fine to med disseminated, 1-5mm stringers and nodules, concordant to foliation	50
180.9	480.9	XRF	XRF scan: 670ppm Cu, 150ppm Zn	

SAMPLES			Surimeau - December 2021				SUR-21-25			PAGE: 4	
Sample	**From m**	**To m**	**Length**	**DESCRIPTION**	**Au g/t**						
65916	3	4.15	1.15	v4							
65917	4.15	5.5	1.35	v4 + bt-tr							
65918	5.5	6.5	1.00	v4 + bt-tr							
65919	6.5	7.25	0.75	v4 + bt-tr							
65920	7.25	8.5	1.25	v4							
65921	8.5	10	1.50	v4							
65922				Blank 1: Appalache Valley Pierre Decorative Stone							
65923	10	11.5	1.50	v4							
65924	11.5	13	1.50	v4							
65925	13	14.5	1.50	v4							
65926	14.5	16	1.50	v4							
65927	16	17.5	1.50	v4							
65928	17.5	19	1.50	v4							
65929	19	20.5	1.50	v4							
65930	20.5	22	1.50	v4 + bt-tr							
65931	22	23.5	1.50	v4 + bt-tr							
65932	23.5	25	1.50	v4 + bt-tr							
65933	25	26.5	1.50	v4 + tr							
65934	26.5	28	1.50	v4 + tr							
65935	28	29.5	1.50	v4 + tr							
65936	29.5	30.5	1.00	v4 + tr							
65937	30.5	31.5	1.00	v4							
65938	31.5	32.4	0.90	v4							
65939	32.4	33.9	1.50	v4 + tr							
65940	33.9	34.85	0.95	v4 + tr + ca veinlets							
65941	34.85	36	1.15	v4 + tr + ca veinlets							
65942				Quarter Cut of previous sample							
65943	36	37	1.00	v4 + tr							
65944	37	38	1.00	v4 + tr							
65945				Coarse Reject of previous sample							
65946	38	39	1.00	v4 + bt + tr							
65947	39	40	1.00	v4 + bt + tr							
65948	40	41	1.00	v4 + tr							
65949	41	42.5	1.50	v4							
65950	42.5	43.65	1.15	v4 + bt							
65951	43.65	44.4	0.75	v4 + bt + tr							

65952				Blank 1: Appalache Valley Pierre Decorative Stone
65953	44.4	45.25	0.85	v4
65954	45.25	46.25	1.00	v4
65955				Standard-1: GEOSTATS GMB300-10C email : pjh@geostats.com.au
65956	46.25	47.54	1.29	v4 + bt + tr + ca veinlets
65957	47.54	49	1.46	v4 + bt + tr + ca veinlets
65958	49	50.5	1.50	v4 + bt + tr + ca veinlets
65959	50.5	51.6	1.10	v4 + bt + tr + ca veinlets + ab veinlets
65960	51.6	53	1.40	v4 + tr
65961	53	54.5	1.50	v4
65962				Coarse Reject of previous sample
65963	54.5	56	1.50	v4
65964	56	57	1.00	v4
65965				Quarter Cut of previous samples
65966	57	58.4	1.40	v4 + bt + tr + ca str
65967	58.4	59.6	1.20	v4 + bt + tr
65968	59.6	60.35	0.75	v4 + calcite veining + bt + tr
65969	60.35	61	0.65	v4 + bt + tr + ca str
65970	61	62.05	1.05	v4 + bt + tr + ca str
65971	62.05	63	0.95	v4 + bt + tr + ca str
65972				Blank 1: Appalache Valley Pierre Decorative Stone
65973	63	64.5	1.50	v4 + bt + tr + ca str
65974	64.5	66	1.50	v4 + bt + tr + ca str
65975	66	67.5	1.50	v4 + bt + tr + ca str
65976	67.5	69	1.50	v4 + bt + tr + ca str/veinlets + minor spinifex
65977	69	70	1.00	v4 + bt + tr + ca str + spinifex
65978	70	71.5	1.50	v4 + bt + tr + ca str
65979	71.5	72.8	1.30	v4 + bt + tr + ca str + tr po
65980	72.8	73.8	1.00	v4 + bt + tr + cr-diop + ca str
65981	73.8	74.2	0.40	v4 + bt + tr + cr-diop + ca str
65982	74.2	75	0.80	v4 + bt + tr + ab-ca veinlets + ca str + tr po
65983	75	76.5	1.50	v4 + bt + tr + ab-ca veinlets + ca str + tr po
65984	76.5	78	1.50	v4 + bt + tr + ca str
65985	78	78.5	0.50	v4 + ca veinlets + bt + tr
65986	78.5	79.2	0.70	v4 + calc-sil + cr diop + bt + tr + py-po
65987	79.2	80	0.80	calc-sil + ab + py-po str + ca str + bt + tr
65988	80	80.75	0.75	calc-sil + ab + py-po str + ca str + bt + tr
65989	80.75	81.35	0.60	v4 + bt + tr + ca str + tr po
65990	81.35	82.5	1.15	v4 + bt + tr + ca str + tr po
65991	82.5	84	1.50	v4 + bt + tr
65992				Quarter Cut of previous sample

65993	84	85.5	1.50	v4 + bt + tr
65994	85.5	87	1.50	v4 + bt + tr po
65995				Coarse Reject of previous sample
65996	87	88	1.00	v4 + bt + tr po
65997	88	88.8	0.80	v4 + bt + tr po
65998	88.8	89.25	0.45	qfp
65999	89.25	90.5	1.25	v4 + bt + tr
66000	90.5	91.5	1.00	v4 + bt + tr + ca str
66001	91.5	92.5	1.00	v4 + bt + tr + ca str
66002				Blank 1: Appalache Valley Pierre Decorative Stone
66003	92.5	93.15	0.65	v4 + bt + tr + ca + ca str
66004	93.15	94.5	1.35	v4 + bt + tr + ca str
66005	94.5	95.65	1.15	v4 + bt + tr + ca str
66006	95.65	96.65	1.00	v4 + bt + tr + ca str
66007	96.65	97.4	0.75	qfp
66008	97.4	97.9	0.50	qfp
66009	97.9	99	1.10	v4 + bt + tr + ca str
66010	99	100.5	1.50	v4 + bt + tr + tr po
66011	100.5	101.2	0.70	v4 + bt + tr + ca + po-py str
66012				Coarse Reject of previous sample
66013	101.2	102.1	0.90	v4 + bt + po
66014	102.1	103.6	1.50	v4 + calc-sil + cr-dio + py-po + ca
66015				Quarter Cut of previous samples
66016	103.6	104.6	1.00	v4 + ab + bt + tr + ca + py,po,tr cpy
66017	104.6	105.15	0.55	v4 + ab + bt + tr + ca + py,po,tr cpy
66018	105.15	106.5	1.35	v4 + bt + tr + ca + tr po
66019	106.5	107.05	0.55	v4 + bt + tr + ab + py,po
66020	107.05	108.2	1.15	v4 + bt + tr
66021	108.2	109.2	1.00	v4 + bt + tr + whispy ca, ab
66022				Blank 1: Appalache Valley Pierre Decorative Stone
66023	109.2	110.5	1.30	v4 + bt + tr + tr po
66024	110.5	111.25	0.75	v4 + bt + tr + tr po
66025	111.25	112.2	0.95	v4 + bt + tr + tr po
66026	112.2	113.5	1.30	v4 + bt + tr + tr po
66027	113.5	115	1.50	v4 + bt + tr + tr po
66028	115	116.1	1.10	v4 + bt + tr + tr po
66029	116.1	117.5	1.40	v4
66030	117.5	119	1.50	v4
66031	119	120.5	1.50	v4
66032	120.5	122	1.50	v4
66033	122	123	1.00	v4

66034	123	124.5	1.50	v4
66035	124.5	125	0.50	v4 + bt + tr
66036	125	125.95	0.95	v4 + bt + tr + ca str
66037	125.95	127.2	1.25	v4
66038	127.2	127.85	0.65	v4 + bt + tr
66039	127.85	129	1.15	v4 + bt + tr + tr po
66040	129	130.5	1.50	v4 + bt + tr + ca str
66041	130.5	132.05	1.55	v4 + bt + tr + ca str + blocky
66042				Quarter Cut of previous sample
66043	132.05	133.4	1.35	v4 + bt
66044	133.4	134.7	1.30	v4 + bt + tr
66045				Coarse Reject of previous sample
66046	134.7	136	1.30	v4
66047	136	137.5	1.50	v4
66048	137.5	138.5	1.00	v4 + bt + ca
66049	138.5	140	1.50	v4
66050	140	141.5	1.50	v4
66051	141.5	143	1.50	v4
66052				Blank 1: Appalache Valley Pierre Decorative Stone
66053	143	144.5	1.50	v4
66054	144.5	146	1.50	v4
66055	146	147	1.00	v4
66056	147	148	1.00	v4
66057	148	149.5	1.50	v4
66058	149.5	150.65	1.15	v4 + tr + ca str
66059	150.65	152	1.35	v4
66060	152	153	1.00	v4
66061	153	152.95	-0.05	v4 + tr
66062				Coarse Reject of previous sample
66063	152.95	154.65	1.70	v4 + bt + tr + blocky
66064	154.65	156	1.35	v4
66065				Quarter Cut of previous samples
66066	156	157.05	1.05	v4
66067	157.05	158	0.95	v4
66068	158	158.7	0.70	v4
66069	158.7	160	1.30	v4 + bt + tr + ca str
66070	160	160.9	0.90	v4 + bt + tr + ca str
66071	160.9	161.7	0.80	v4 + bt + tr + ca str
66072				Blank 1: Appalache Valley Pierre Decorative Stone
66073	161.7	163	1.30	v4 + bt + tr + ca str
66074	163	164.5	1.50	v4

66075	164.5	166	1.50	v4
66076	166	167.5	1.50	v4
66077	167.5	168.4	0.90	v4
66078	168.4	169.3	0.90	v4
66079	169.3	170.25	0.95	v4 + bt + tr + ca str
66080	170.25	171.45	1.20	v4 + bt + po
66081	171.45	172.3	0.85	ab-sil s3 or calc-sil? + bt + tr/chl + py,po,sph
66082	172.3	173.3	1.00	ab-sil s3 or calc-sil? + bt + tr/chl + py,po,sph + s3
66083	173.3	174.1	0.80	ab-sil s3 or calc-sil? + bt + tr/chl + py,po,sph + s3
66084	174.1	174.7	0.60	v4 + bt
66085	174.7	176	1.30	v4 + bt + ca str + ca
66086	176	177.2	1.20	v4 + bt + ca str + ca
66087	177.2	178.2	1.00	v4/s3 + bt + tr + ca + po,py,sph
66088	178.2	178.7	0.50	ab-sil + bt + tr + ca str + py,po,sph + v4 + s3 beds
66089	178.7	179.5	0.80	ab-sil + bt + tr + ca str + py,po,sph + v4 + s3 beds
66090	179.5	180.2	0.70	ab-sil + bt + tr + ca str + py,po,sph + v4 + s3 beds
66091	180.2	180.7	0.50	v4 + ab/sil + tr po
66092				Quarter Cut of previous sample
66093	180.7	181.55	0.85	s3 + py-po-sph
66094	181.55	182.5	0.95	s3 + py-po-sph
66095				Coarse Reject of previous sample
66096	182.5	184	1.50	s3 + py,po,sph + bt
66097	184	185.5	1.50	s3 + py,po,sph + bt
66098	185.5	187	1.50	s3
66099	187	188	1.00	s3 + py,po,sph
66100	188	189	1.00	s3 + py,po,sph

RQD			Surimeau - December 2021		SUR-21-25	PAGE: 3
FROM	TO	Length Core Run	Σ pieces >10cm	RQD %		
3	6	3	2.3	76.67		
6	9	3	2.9	96.67		
9	12	3	3	100.00		
12	15	3	3	100.00		
15	18	3	2.9	96.67		
18	21	3	3	100.00		
21	24	3	2.8	93.33		
24	27	3	2.8	93.33		
27	30	3	3	100.00		
30	33	3	2.55	85.00	94.11	
33	36	3	3	100.00		
36	39	3	3	100.00		
39	42	3	3	100.00		
42	45	3	2.9	96.67		
45	48	3	3	100.00		
48	51	3	3	100.00		
51	54	3	3	100.00		
54	57	3	3	100.00		
57	60	3	2.9	96.67		
60	63	3	2.8	93.33		
63	66	3	2.6	86.67		
66	69	3	2.65	88.33		
69	72	3	2.7	90.00		
72	75	3	3	100.00		
75	78	3	3	100.00		
78	81	3	3	100.00		
81	84	3	2.9	96.67		
84	87	3	2.5	83.33		
87	90	3	2.8	93.33		
90	93	3	2.9	96.67		
93	96	3	2.2	73.33		

96	99	3	2.9	96.67
99	102	3	3	100.00
102	105	3	3	100.00
105	108	3	1.3	43.33
108	111	3	1.9	63.33
111	114	3	3	100.00
114	117	3	2.7	90.00
117	120	3	3	100.00
120	123	3	3	100.00
123	126	3	2.9	96.67
126	129	3	2.9	96.67
129	132	3	2	66.67
132	135	3	3	100.00
135	138	3	3	100.00
138	141	3	2.9	96.67
141	144	3	3	100.00
144	147	3	3	100.00
147	150	3	3	100.00
150	153	3	3	100.00
153	156	3	2.7	90.00
156	159	3	3	100.00
159	162	3	3	100.00
162	165	3	2.9	96.67
165	168	3	3	100.00
168	171	3	2.9	96.67
171	174	3	2.9	96.67
174	177	3	2.85	95.00
177	180	3	2.9	96.67
180	183	3	2.9	96.67
183	186	3	2.95	98.33
186	189	3	2.45	81.67

Box Lengths			Surimeau - December 2021				SUR-21-25			PAGE: 5	
DDH	Box Number	From m	To m	Box Length	DDH	Box Number	From m	To m	Box Length		
SUR-21-25	1	3	7.8	4.8							
SUR-21-25	2	7.8	11.6	3.8							
SUR-21-25	3	11.6	15.7	4.1							
SUR-21-25	4	15.7	19.9	4.2							
SUR-21-25	5	19.9	24.15	4.25							
SUR-21-25	6	24.15	28.5	4.35							
SUR-21-25	7	28.5	32.5	4							
SUR-21-25	8	32.5	36.7	4.2							
SUR-21-25	9	36.7	41	4.3							
SUR-21-25	10	41	45.2	4.2							
SUR-21-25	11	45.2	49.7	4.5							
SUR-21-25	12	49.7	54	4.3							
SUR-21-25	13	54	58.4	4.4							
SUR-21-25	14	58.4	62.8	4.4							
SUR-21-25	15	62.8	66.9	4.1							
SUR-21-25	16	66.9	71.2	4.3							
SUR-21-25	17	71.2	75.5	4.3							
SUR-21-25	18	75.5	79.9	4.4							
SUR-21-25	19	79.9	84.25	4.35							
SUR-21-25	20	84.25	88.45	4.2							
SUR-21-25	21	88.45	92.65	4.2							
SUR-21-25	22	92.65	97	4.35							
SUR-21-25	23	97	101.2	4.2							
SUR-21-25	24	101.2	105.5	4.3							
SUR-21-25	25	105.5	109.9	4.4							
SUR-21-25	26	109.9	114	4.1							
SUR-21-25	27	114	118.3	4.3							
SUR-21-25	28	118.3	122.65	4.35							
SUR-21-25	29	122.65	127	4.35							
SUR-21-25	30	127	131.2	4.2							
SUR-21-25	31	131.2	135.5	4.3							

SUR-21-25	32	135.5	140.1	4.6
SUR-21-25	33	140.1	144.4	4.3
SUR-21-25	34	144.4	148.4	4
SUR-21-25	35	148.4	153.1	4.7
SUR-21-25	36	153.1	157.05	3.95
SUR-21-25	37	157.05	161.4	4.35
SUR-21-25	38	161.4	165.7	4.3
SUR-21-25	39	165.7	169.4	3.7
SUR-21-25	40	169.4	174.2	4.8
SUR-21-25	41	174.2	178.5	4.3
SUR-21-25	42	178.5	182.95	4.45
SUR-21-25	43	182.95	187.1	4.15
SUR-21-25	44	187.1	189	1.9

Minroc Management

Project:	Surimeau - December 2021
Hole Number:	SUR-21-26
Units of Measurement:	Metres
Location NTS Sheet:	
Township:	
Claim No:	
Grid:	
Easting:	
Northing:	
Elevation:	358
GPS Co-ordinates: (if applicable) Zone:	17U
Datum:	NAD83
Easting:	697313
Northing:	5328201
Collar Dip:	-45
Collar Azimuth:	180
Hole Length:	144
Core Size:	NQ
Recovery (%)	95.41
Logged By:	Francis Newton
Date: Start:	09-Dec-21
Finish:	09-Dec-21
Drilled by:	D'ami Or
Date: Start:	07-Dec-21
Finish:	09-Dec-21

	INCLINATION TESTS			
	DEPTH	DIP	AZIMUTH	(RAW)
Mag	COLLAR	-45.0	180.0	
56637	51	-45.6	180.5	192.5
65107	102	-45.3	123.6	135.6
			-12	
			-12	
			-12	
			-12	
			-12	
			-12	
			-12	

Comments

Drilled under new stripping under well mineralized bedrock near west end of trench, between the two historic trenches. Strong Cpy, Py, Sph mineralization.

QA/QC info

Blank 1: Appalache Valley Pierre Decorative Stone

Standard-1: GEOSTATS GMB300-10C email : pjh@geostats.com.au

Minroc Management

FROM	TO	LITHO	Desc	Angle TCA
0	**2.8**	**OB**	**Overburden**	
2.8	**13.6**	**V4**	**Blue-grey to green, ultramafic. Fine to medium grained and massive to weakly foliated assemblage of fibrous pyroxene or amphibole with minor carbonate. Patchy mod mag throughout.**	
Structure				
4.5	5	BLOCKY	blocky core	
5.5	5.8	BLOCKY	blocky core	
13.6	**69.4**	**V4**	**Green, occasionally blue-green in colour, ultramafic. Fine to medium grained and massive to weakly foliated assemblage of fibrous pyroxene or amphibole with minor carbonate. Replacement of massive finely granular to cumulate komatiite flows showing minor flow top breccia over 0.3 meter intervals associated with serpentinisation crack patterns. Patchy weak to mod mag throughout. Frequent resembles volcanic breccia with calcite/carbonate fracture-fills.**	
Structure				
23.5	26	CARB	irregular calcite veining up to 10cm thick + ca veinlets and stringers	
37.4	37.5	CARB	5cm white-pinkish calcite vein oriented 55deg TCA. Fragments of v4 within vein	55
38.23	39.2	CARB	frequent 1-5mm carb veinlets/stringers, generally oriented 60-65deg TCA.	65
45.5	61.2	CARB	frequent 1-5mm carb veinlets/stringers, oriented irregularly	
48.9	49.1	BLOCKY	blocky core	
52.5	57.45	CARB	irregular 1-5mm carb veinlets + narrow bands of strong pervasive carb alt throughout, stringers/veinlets generally oriented 65deg TCA.	65
63	63.3	BLOCKY	blocky core	
67.9	68.6	QFP	blue-grey qfp, massive, fine diss py-po throughout	
68.6	68.7	BLOCKY	blocky core	
Alteration				
13.6	19.9	TR,BT	Green to brownish, fine grain unoriented Fe tremolite-biotite assemblage. Local calcite veining. Occasional bands of strong to very strong biotite alteration.	
23.5	26	CARB	irregular calcite veining up to 10cm thick + ca veinlets and stringers	
28.25	57.45	TR,BT, CARB	Green to brownish, fine grain unoriented Fe tremolite-biotite assemblage. Local calcite veining and occasional cm-scale bands of pervasive carb alt (ex: 53.65-53.9m). Occasional bands of strong to very strong biotite alteration.	
46.2	46.55	AB	weakly albitized? Dark blue-grey colour, finer grained than surrounding rock, massive	
53.9	54.05	CALC-SI, AB	creamy brown colour, fine to medium grain (1-2mm). Plagioclase matrix with Cr tremolite with occasional Cr grossular. Pyrrhotite bearing.	45
58.5	61.95	TR,BT	Green to brownish, fine grain unoriented Fe tremolite-biotite assemblage. Local calcite veining. Occasional bands of strong to very strong biotite alteration.	
61.95	67.2	AB V4	strongly albitized ultramafics, creamy brown colour, zones of strong mineralization (stringers/disseminations of sulfide). Strongest mineralization 65.35-67.2m.	
67.2	67.9	TR,BT	Green to brownish, fine grain unoriented Fe tremolite-biotite assemblage.	
68.6	69.4	TR,BT	Green to brownish, fine grain unoriented Fe tremolite-biotite assemblage.	
Mineralization				
53.65	53.7	PO, PY	PO,PY, narrow band of clotty stringer py-po. 1% overall	
53.9	54.05	PO,PY,PENT	PO,PY,PENT, 7-10% sulfide stringers and clots in narrow band of ab / calc-sil alteration. XRF scan: 0.39% Ni, 304ppm Cu, 481ppm Zn, 861ppm Co	
54.05	56.4	PO	PO, trace to locally 1% fine to med disseminations	
56.4	56.7	PO, PY	PO,PY, band of clotty and disseminated py-po tr cpy tr pent + carb stringers. 15% sulfide overall.	
56.5	56.5	XRF	XRF scan: 849ppm Ni, 785ppm Co, 271ppm Cu, 336ppm Zn	
56.55	56.55	XRF	XRF scan: 0.34% ni, 812ppm Co, 552ppm Cu, 643ppm Zn	
61.95	65.35	PO,PY,CPY, SPH	PO,PY,CPY,SPH - Stringers and clots of sulfide, frequent cpy stringers (1-5mm) resembling tension gashes. 3-5% sulfide overall	
63.75	63.75	XRF	XRF scan: 361ppm Ni, 688ppm Cu, 5.67% Zn	
65.35	67.2	PY,PO,CPY,SPH,PENT	PY,PO,CPY,SPH,PENT, 3-5% sulfide overall in stringers conc to fol + fine to coarse disseminations	45
66.75	66.75	XRF	XRF scan: 0.27% Ni, 128pm Zn, 348ppm Sn	

67.9	68.6	PO, PY	PO,PY, trace sulfide overall, med disseminated throughout	
68.6	69.4	PO, PY	PO,PY, trace sulfide overall, med disseminated throughout	
69.4	**121.65**	**V4**	**Blue-grey to green, ultramafic. Fine to medium grained and massive to weakly foliated assemblage of fibrous pyroxene or amphibole with minor carbonate. Patchy mod mag throughout.**	
Structure				
88.5	88.85	BLOCKY	blocky core, gravel	
100.8	103	CARB	frequent 1-5mm carb veinlets/stringers, generally oriented 50deg TCA.	50
105.5	109.25	CARB	frequent 1-5mm carb veinlets/stringers, generally oriented 40-45deg TCA.	45
107.15	1007.25	CARB	10cm calcite vein, sharp margins, perpendicular TCA	90
109.25	109.45	CARB	10cm calcite vein, sharp margins,irregular margins	
113	118.85	XENOLITHS	frequent 2-20mm dark xenoliths in v4, magnetic	
Alteration				
74	78	TR,BT	Blue-green to brownish, fine grain unoriented Fe tremolite-biotite assemblage. Occasional bands of strong to very strong biotite alteration.	
81	84.5	TR,BT	Blue-green to brownish, fine grain unoriented Fe tremolite-biotite assemblage. Occasional bands of strong to very strong biotite alteration.	
87.25	89.5	TR,BT	Green to brownish, fine grain unoriented Fe tremolite-biotite assemblage. Occasional bands of strong to very strong biotite alteration.	
92	93	BT, TR	Blue-green to brownish, fine grain unoriented Fe tremolite-biotite assemblage. Occasional bands of strong to very strong biotite alteration.	
96	97.9	BT, TR	Blue-green to brownish, fine grain unoriented Fe tremolite-biotite assemblage. Occasional bands of strong to very strong biotite alteration.	
99	112.25	BT, TR	Blue-green to brownish, fine grain unoriented Fe tremolite-biotite assemblage. Occasional bands of strong to very strong biotite alteration.	
118.85	121.65	BT, TR	Green to brownish, fine grain unoriented Fe tremolite-biotite assemblage. Occasional bands of strong to very strong biotite alteration. More biotite than tremolite.	
Mineralization				
112.25	118.85	PO	PO, trace to locally 1% fine to med disseminations	
121.65	**144**	**S3**	**Dark grey, layered quartz-biotite-muscovite, fine to medium grained meta-sediments. Constant foliation parallel to bedding. Foliation steepens from 60deg TCA at top of unit to 80deg TCA with depth. Occasional alternating bands of sediment and ultramafic (172.3-180.7m). Main graphitic zone from 122.6-122.9m. Main sulfide-bearing zones from 123.2-123.6m, 123.8-124.2m, 124.3-124.55m, 125.5-125.7m, 135-135.1m, 135.3-135.35m.**	**70**
Structure				
122.6	122.9	S6gp	multiple thin bands of graphitic mudstone, thinly bedded at 60deg TCA. Sulfide-bearing.	60
Alteration				
121.65	126.15	BT, CARB	grey-brownish colour, bt along foliation/bedding + rare whispy ca stringers, conc to fol	60
123.2	123.6	SIL, CARB	weak to moderately silicified sediments, creamy brown colour, cr-tremolite + biotite and traces of chlorite. Sulfide bearing (Po,Py,Sph)	60
123.8	124.2	SIL, CARB	weak to moderately silicified sediments, creamy brown colour, cr-tremolite + biotite and traces of chlorite. Sulfide bearing (Po,Py,Sph)	60
124.3	124.55	SIL, CARB	weak to moderately silicified sediments, creamy brown colour, cr-tremolite + biotite and traces of chlorite. Sulfide bearing (Po,Py,Sph)	60
125.5	125.7	SIL, CARB	weak to moderately silicified sediments, creamy brown colour, cr-tremolite + biotite and traces of chlorite. Sulfide bearing (Po,Py,Sph)	80
130.5	144	AL-SIL	clusters of blue-grey al-silicate crystals present throughout, vary from 1-10mm in size, crystals often elongated in direction of foliation/bedding. Fine 1-3mm bt crystals around and along al-silicated crystals	
135	135.1	SIL, CARB	Thinly bedded at 80deg, carb+ab+qz veinlets/stringers concordant to foliation + sulfide bearing (Py,Po,Sph,tr Cpy)	80
135.3	135.35	SIL, CARB	Thinly bedded at 80deg, carb+ab+qz veinlets/stringers concordant to foliation + sulfide bearing (Py,Po,Sph,tr Cpy)	80
Mineralization				
121.65	126.15	PO,PY,SPH	PO,PY,SPH - 5-7% sulfide overall, thin stringers with narrow bandes of s6gp, conc to fol. XRF scan: 164ppm Ni, 256ppm Cu, 0.78% Zn, 412ppm Co	
123.2	123.6	PO, PY, SPH	PO,PY,SPH - 5-7% sulfide overall, think stringers within band of silicified s3, traces of graphite? XRF scan: 317ppm Cu, 1.28% Zn	

123.8	124.2	PO, PY, SPH	PO,PY,SPH - 5-7% sulfide overall, thin stringers within band of silicified s3, traces of graphite? XRF scan: 0.15% Ni, 0.15% Cu, 0.23% Zn
124.3	124.55	PO, PY, SPH	PO,PY,SPH - 5-7% sulfide overall, thin stringers within band of silicified s3, traces of graphite?
124.55	125.5	PY,PO	PY,PO - trace to locally 1% fine to med disseminations
125.5	125.7	PO, PY, SPH	PO,PY,SPH - 1-2%% sulfide overall, thin stringers within band of silicified s3
125.7	130.5	PO,PY	PO,PY - trace to locally 1% sulfide, thin 1-5mm stringers and clots along foliation
135	135.1	PY,PO,SPH,CPY	PY,PO,SPH,CPY - 7-10% sulfide overall, fine stringers conc to foliaiton within band of silicified s3. XRF scan: 0.25% Cu, 250ppm Zn
135.3	135.35	PY,PO,SPH	PY,PO,SPH - 3-5% sulfide overall, fine stringers conc to foliaiton within band of silicified s3.

SAMPLES			Surimeau - December 2021				SUR-21-26			PAGE: 4	
Sample	**From m**	**To m**	**Length**	**DESCRIPTION**	**Au g/t**						
66101	2.8	4	1.20	v4							
66102				Blank 1: Appalache Valley Pierre Decorative Stone							
66103	4	5.5	1.50	v4							
66104	5.5	7	1.50	v4							
66105				Standard-1: GEOSTATS GMB300-10C email : pjh@geostats.com.au							
66106	7	8.5	1.50	v4							
66107	8.5	10	1.50	v4							
66108	10	11.5	1.50	v4							
66109	11.5	12.5	1.00	v4							
66110	12.5	13.6	1.10	v4							
66111	13.6	15	1.40	v4 + bt + tr							
66112				Coarse Reject of previous sample							
66113	15	16.5	1.50	v4 + bt + tr							
66114	16.5	18	1.50	v4 + bt + tr + ca str							
66115				Quarter Cut of previous samples							
66116	18	19	1.00	v4 + bt + tr + ca str							
66117	19	19.9	0.90	v4 + bt + tr + ca str							
66118	19.9	21	1.10	v4							
66119	21	22.5	1.50	v4							
66120	22.5	23.5	1.00	v4							
66121	23.5	24.5	1.00	v4 + bt + tr + ca							
66122				Blank 1: Appalache Valley Pierre Decorative Stone							
66123	24.5	26	1.50	v4 + bt + tr + ca							
66124	26	27.25	1.25	v4 + tr							
66125	27.25	28.25	1.00	v4 + tr							
66126	28.25	29.5	1.25	v4 + bt + tr + ca str							
66127	29.5	31	1.50	v4 + bt + tr + ca str							
66128	31	32	1.00	v4 + bt + tr							
66129	32	33.5	1.50	v4 + bt + tr + ca str							
66130	33.5	34.5	1.00	v4 + bt + tr + ca str							
66131	34.5	36	1.50	v4 + bt + tr + ca str							
66132	36	37.5	1.50	v4 + bt + tr + ca str							
66133	37.5	39	1.50	v4 + bt + tr + ca str							
66134	39	40.5	1.50	v4 + bt + tr + ca str							
66135	40.5	42	1.50	v4 + bt + tr + ca str							
66136	42	43.5	1.50	v4 + bt + tr + ca str							

66137	43.5	44.95	1.45	v4 + bt + tr + ca str
66138	44.95	46.2	1.25	v4 + bt + tr + ca str + ab?
66139	46.2	46.55	0.35	v4 + ab + bt
66140	46.55	48	1.45	v4 + bt + tr + ca str
66141	48	49.5	1.50	v4 + bt + tr + ca str
66142				Quarter Cut of previous sample
66143	49.5	51	1.50	v4 + bt + tr + ca str
66144	51	52.5	1.50	v4 + bt + tr + ca str
66145				Coarse Reject of previous sample
66146	52.5	53.65	1.15	v4 + bt + tr + ca str
66147	53.65	54.3	0.65	v4 + bt + tr + ca + ab min zone + py,po,sph
66148	54.3	55.4	1.10	v4 + bt + tr + po + ca str + ab veinlets
66149	55.4	56.4	1.00	v4 + bt + tr + po + ca str + ab veinlets
66150	56.4	56.7	0.30	v4 + bt + tr + ca + po,py,sph
66151	56.7	57.45	0.75	v4 + bt + tr + ca,ab str + po
66152				Blank 1: Appalache Valley Pierre Decorative Stone
66153	57.45	58.5	1.05	v4 + tr po
66154	58.5	60	1.50	v4 + bt + tr
66155	60	61	1.00	v4 + bt + tr
66156	61	61.95	0.95	v4 + bt + tr
66157	61.95	62.4	0.45	v4/calc sil + ab + py, po, sph + bt + tr
66158	62.4	63.5	1.10	ab alt v4/s3? + ca str + py, po, cpy str
66159	63.5	64.5	1.00	ab alt v4/s3? + ca str + py, po, cpy str
66160	64.5	65.35	0.85	ab alt v4/s3? + ca str + py, po, cpy str
66161	65.35	66.2	0.85	ab v4 + act + py, po, sph str
66162				Coarse Reject of previous sample
66163	66.2	67.2	1.00	ab v4 + act + py, po, sph str
66164	67.2	67.9	0.70	v4 + bt + tr
66165				Quarter Cut of previous samples
66166	67.9	68.6	0.70	qfp + py
66167	68.6	69.4	0.80	v4 + bt + tr + po
66168	69.4	70.5	1.10	v4
66169	70.5	72	1.50	v4
66170	72	73	1.00	v4
66171	73	74	1.00	v4
66172				Blank 1: Appalache Valley Pierre Decorative Stone
66173	74	75.5	1.50	v4 + bt
66174	75.5	77	1.50	v4 + bt
66175	77	78	1.00	v4 + bt + tr
66176	78	79.5	1.50	v4
66177	79.5	81	1.50	v4

66178	81	82	1.00	v4 + bt + tr
66179	82	83.5	1.50	v4 + bt + tr
66180	83.5	84.5	1.00	v4 + bt + tr
66181	84.5	86	1.50	v4
66182	86	87.25	1.25	v4
66183	87.25	88.85	1.60	v4 + bt + tr
66184	88.85	90.5	1.65	v4 + bt
66185	90.5	92	1.50	v4
66186	92	93	1.00	v4 + bt + tr
66187	93	94.5	1.50	v4
66188	94.5	96	1.50	v4
66189	96	97	1.00	v4
66190	97	97.9	0.90	v4 + bt + tr
66191	97.9	99	1.10	v4 + tr
66192				Quarter Cut of previous sample
66193	99	100.5	1.50	v4 + tr
66194	100.5	102	1.50	v4 + bt + tr
66195				Coarse Reject of previous sample
66196	102	103.5	1.50	v4 + bt + tr
66197	103.5	105	1.50	v4 + bt + tr
66198	105	106.1	1.10	v4 + bt + tr + ca veinlets
66199	106.1	107.15	1.05	v4 + bt + tr + ca veinlets
66200	107.15	108	0.85	v4 + bt + tr + ca veinlets
66201	108	109.2	1.20	v4 + bt + tr + ca veinlets
66202				Blank 1: Appalache Valley Pierre Decorative Stone
66203	109.2	109.45	0.25	ca vein
66204	109.45	110.2	0.75	v4 + bt + tr
66205	110.2	111	0.80	v4 + bt + tr
66206	111	112.25	1.25	v4 + bt + tr
66207	112.25	113.5	1.25	v4 + xenos
66208	113.5	115	1.50	v4 + xenos
66209	115	116.5	1.50	v4 + xenos
66210	116.5	117.5	1.00	v4 + xenos
66211	117.5	118.85	1.35	v4 + xenos
66212				Coarse Reject of previous sample
66213	118.85	120	1.15	v4 + bt + tr
66214	120	120.9	0.90	v4 + bt + tr
66215				Quarter Cut of previous samples
66216	120.9	121.65	0.75	v4 + bt + tr
66217	121.65	122.5	0.85	s3 + bt + ca str
66218	122.5	123.6	1.10	s3 + s6gp + py-po-sph

66219	123.6	124.55	0.95	s3 + sil + py-po-sph str + ca str
66220	124.55	126	1.45	s3 + s6gp + py + po
66221	126	127.5	1.50	s3 + py-po str
66222				Blank 1: Appalache Valley Pierre Decorative Stone
66223	127.5	129	1.50	s3 + bt + ca str + py-po str
66224	129	130.5	1.50	s3 + py-po + tr bt
66225	130.5	132	1.50	s3 + al-sil
66226	132	133.5	1.50	s3 + al-sil + bt + ca + py-po str
66227	133.5	135	1.50	s3 + al-sil + bt + ca + py-po str
66228	135	136	1.00	s3 + al-sil + sil bands with py-po-sph str
66229	136	137	1.00	s3 + al-sil + tr py-po str
66230	137	138	1.00	s3 + al-sil
66231	138	139.5	1.50	s3 + al-sil

RQD			Surimeau - December 2021		SUR-21-26	PAGE: 3
FROM	TO	Length Core Run	Σ pieces >10cm	RQD %		
2.8	3	0.2	0.2	100.00		
3	6	3	2.3	76.67		
6	9	3	2.9	96.67		
9	12	3	2.75	91.67		
12	15	3	2.85	95.00		
15	18	3	2.9	96.67		
18	21	3	2.9	96.67		
21	24	3	3	100.00		
24	27	3	2.9	96.67		
27	30	3	3	100.00	95.41	
30	33	3	3	100.00		
33	36	3	3	100.00		
36	39	3	2.9	96.67		
39	42	3	3	100.00		
42	45	3	3	100.00		
45	48	3	2.7	90.00		
48	51	3	2.89	96.33		
51	54	3	3	100.00		
54	57	3	3	100.00		
57	60	3	2.7	90.00		
60	63	3	3	100.00		
63	66	3	2.3	76.67		
66	69	3	2.8	93.33		
69	72	3	2.7	90.00		
72	75	3	2.7	90.00		
75	78	3	3	100.00		
78	81	3	3	100.00		
81	84	3	2.9	96.67		
84	87	3	3	100.00		
87	90	3	2.5	83.33		
90	93	3	2.9	96.67		

93	96	3	2.9	96.67
96	99	3	2.85	95.00
99	102	3	3	100.00
102	105	3	2.5	83.33
105	108	3	3	100.00
108	111	3	2.7	90.00
111	114	3	3	100.00
114	117	3	3	100.00
117	120	3	3	100.00
120	123	3	2.9	96.67
123	126	3	3	100.00
126	129	3	2.65	88.33
129	132	3	3	100.00
132	135	3	2.9	96.67
135	138	3	2.8	93.33
138	141	3	2.7	90.00
141	144	3	3	100.00

Box Lengths			Surimeau - December 2021				SUR-21-26			PAGE: 5	
DDH	Box Number	From m	To m	Box Length	DDH	Box Number	From m	To m	Box Length		
SUR-21-26	1	2.8	6.8	4							
SUR-21-26	2	6.8	11.2	4.4							
SUR-21-26	3	11.2	15.6	4.4							
SUR-21-26	4	15.6	19.8	4.2							
SUR-21-26	5	19.8	24	4.2							
SUR-21-26	6	24	28.35	4.35							
SUR-21-26	7	28.35	32.6	4.25							
SUR-21-26	8	32.6	36.8	4.2							
SUR-21-26	9	36.8	41.15	4.35							
SUR-21-26	10	41.15	45.4	4.25							
SUR-21-26	11	45.4	49.75	4.35							
SUR-21-26	12	49.75	54	4.25							
SUR-21-26	13	54	58.4	4.4							
SUR-21-26	14	58.4	62.6	4.2							
SUR-21-26	15	62.6	66.8	4.2							
SUR-21-26	16	66.8	70.9	4.1							
SUR-21-26	17	70.9	75.15	4.25							
SUR-21-26	18	75.15	79.55	4.4							
SUR-21-26	19	79.55	83.55	4							
SUR-21-26	20	83.85	88.1	4.25							
SUR-21-26	21	88.1	92.3	4.2							
SUR-21-26	22	92.3	96.5	4.2							
SUR-21-26	23	96.5	100.8	4.3							
SUR-21-26	24	100.8	105	4.2							
SUR-21-26	25	105	109.4	4.4							
SUR-21-26	26	109.4	113.85	4.45							
SUR-21-26	27	113.85	118.15	4.3							
SUR-21-26	28	118.15	122.5	4.35							
SUR-21-26	29	122.5	126.65	4.15							
SUR-21-26	30	126.65	130.85	4.2							
SUR-21-26	31	130.85	135.15	4.3							

SUR-21-26	32	135.15	139.5	4.35
SUR-21-26	33	139.5	143.8	4.3
SUR-21-26	34	143.8	144	0.2

Minroc Management

Project:		Surimeau - December 2021
Hole Number:		**SUR-21-27**
Units of Measurement:		Metres
Location	**NTS Sheet:**	
	Township:	
	Claim No:	
	Grid:	
	Easting:	
	Northing:	
	Elevation:	358
GPS Co-ordinates:	**Zone:**	17U
(if applicable)	**Datum:**	NAD83
	Easting:	697313
	Northing:	5328201
Collar Dip:		-60
Collar Azimuth:		180
Hole Length:		147
Core Size:		NQ
Recovery (%)		93.16
Logged By:		Francis Newton
Date:	**Start:**	10-Dec-21
	Finish:	10-Dec-21
Drilled by:		D'ami Or
Date:	**Start:**	09-Dec-21
	Finish:	10-Dec-21

	INCLINATION TESTS			
	DEPTH	**DIP**	**AZIMUTH**	(RAW)
Mag	**COLLAR**	-60.0	180.0	
84272	51	-58.3	262.2	274.2
81837	54	-58.1	253.2	265.2
76866	57	-58.1	165.3	177.3
68082	99	-57.2	175	187
54887	102	-56.9	252.5	264.5
66577	144	-56.1	169.9	181.9

Comments
Undercut of SUR-21-26. Drilled under new stripping under well mineralized bedrock near west end of trench, between the two historic trenches. Strong Cpy, Py, Sph mineralization.
QA/QC info
Blank 1: Appalache Valley Pierre Decorative Stone
Standard-1: GEOSTATS GMB300-10C email : pjh@geostats.com.au

Minroc Management

FROM	TO	LITHO	Desc	Angle TCA
0	**2.4**	**OB**	**Overburden**	
2.4	**11.4**	**V4**	**Blue-grey, ultramafic. Fine to medium grained and massive to weakly foliated assemblage of fibrous pyroxene or amphibole with minor carbonate. Patchy mod mag throughout.**	
Structure				
2.4	3	BLOCKY	blocky core	
6.4	6.9	CARB	irregular white calcite veining, oriented approximately 35deg TCA	35
11.4	**21**	**V4**	**Pale bluish-brown to green colour, ultramafic. Fine to medium grained and massive to weakly foliated assemblage of fibrous pyroxene or amphibole with minor carbonate. Replacement of massive finely granular to cumulate komatiite flows showing minor flow top breccia over 0.3 meter intervals associated with serpentinisation crack patterns. Patchy weak to mod mag throughout. Frequently resembles volcanic breccia with calcite/carbonate fracture-fills.**	
Structure				
15.4	17.2	CARB	frequent 1-5mm carb veinlets/stringers, generally oriented 60-65deg TCA.	65
18.5	21	CARB	frequent 1-5mm carb veinlets/stringers, generally oriented 20deg TCA.	20
Alteration				
11.4	15.4	BT, TR	Green to brownish, fine grain unoriented Fe tremolite-biotite assemblage. Local calcite veining. More biotite than tremolie	
15.4	21	BT, TR	Green, fine grain unoriented Fe tremolite-biotite assemblage. Local calcite veining. More tremolite than biotite. Gradual upper and lower contacts.	
21	**30**	**V4**	**Blue-grey, ultramafic. Fine to medium grained and massive to weakly foliated assemblage of fibrous pyroxene or amphibole with minor carbonate. Patchy mod mag throughout.**	
Structure				
24	27	CARB	whispy carb veinlets/stringers, irregular orientation	
Alteration				
24	30	TR	bluish grey colour, weak tremolite alteration throughout	
24	27	CARB	whispy carb veinlets/stringers, irregular orientation	
30	**73.5**	**V4**	**Green colour, ultramafic. Fine to medium grained and massive to weakly foliated assemblage of fibrous pyroxene or amphibole with minor carbonate. Replacement of massive finely granular to cumulate komatiite flows showing minor flow top breccia over 0.3 meter intervals associated with serpentinisation crack patterns. Patchy weak to mod mag throughout. Frequently resembles volcanic breccia with calcite/carbonate fracture-fills.**	
Structure				
30	34.5	CARB	frequent 1-5mm carb veinlets/stringers, generally 70-90degrees TCA.	80
30	31	VBX	volcanic breccia, fragments of green uma/volcanic rock with carbonate fracture fill	
37.25	37.3	CARB	5cm calcite veinlet oriented 30deg TCA.	
41.5	42.95	SPINIFEX	spinifex texture, coarse actinolite needles. Traces of py	
47	64.8	CARB	frequent 1-5mm carb veinlets/stringers, irregular orientations	
54	55.7	VBX	volcanic breccia, fragments of green uma/volcanic rock with carbonate fracture fill. **Paler green bands of ultramafic, possible peridotite???**	
56.5	57.5	CARB	2-3cm down-hole oriented calcite vein, sharp margins	
64	64.8	**PERIDOTITE?**	**Pale fragments of rock within umaf, rounded, containc qz-ab blebs and fine actinolite needles.**	

64.8	65.25	BLOCKY	blocky core	
65.5	66	BLOCKY	blocky core	
68.7	69	CARB	irregular ca veinlets and stringers	
69.95	73.5	CARB	irregular ca veinlets and stringers	
Alteration				
30	73.5	BT, TR	Green, fine grain unoriented Fe tremolite-biotite assemblage. Local calcite veining. More tremolite than biotite. More biotite than tremolite from 64.58-68.7 (and more blue-brown colour than green). Stronger biotite alteration after 68.7m.	
52.8	53.2	CARB	mod pervasive carb alt	
72.5	73.5	AB	albitized ultramafics, creamy brown-green colour, zones of strong mineralization (stringers/disseminations of sulfide) increasing with depth.	
Mineralization				
41.5	64.8	PO, PY	PO,PY: trace to locally 1% fine to med disseminations	
71.3	73.5	PY,PO,SPH,CPY	PY,PO,SPH,CPY - 1-5% sulfide overall, stringers and disseminations. Cocentration increases with depth.	
73.45	73.45	XRF	XRF scan: 0.14% Ni, 488ppm Cu, 473ppm Zn	
73.5	**79.8**	**S3**	**Dark grey, layered quartz-biotite-muscovite, fine to medium grained meta-sediments. Constant foliation parallel to bedding. Foliation 40-45deg TCA. Main sulfide-bearing zone from 73.5-74m.**	**45**
Structure				
78	79	QZ AB	rregular qz-ab veinlets, occasional contain carbonate along and within	
Alteration				
73.5	74	AB, SIL	Mod to strongly albitized / silicified sediments, banded. Resemble calc-silicate mineralized zones in ultramafics. Sulfide-bearing and well mineralized. Bedded/foliated at 25deg TCA.	25
74	79.8	SIL	weakly silicified s3	
Mineralization				
73.5	74	PO,PY,SPH,PENT	PO, PY, SPH, PENT: 5-7% sulfide overall, stringers and clots, conc to fol	
73.75	73.75	XRF	XRF scan: 0.25% Ni, 20.1% Zn (large clot)	
73.8	73.8	XRF	XRF scan: 811ppm Ni, 330ppm Cu, 2.49% Zn	
74	79.8	PO,PY,CPY	PO,PY,CPY - trace to locally 3%, frequent stringers and clots of sulfide throughout. Generally conc to fol.	
79.8	**132.8**	**V4**	**Blue-grey, ultramafic. Fine to medium grained and massive to weakly foliated assemblage of fibrous pyroxene or amphibole with minor carbonate. Patchy mod mag throughout. Weak tremolite alteration through most of unit.**	
Structure				
79.8	80.45	SHEAR	strong fol zone / shear zone at upper contact of unit - mix of ab,bt. Foliation contorted but generally around 45 deg TCA	45
80.45	81.4	QFP	blue grey qfp, massive	
87.7	106.5	XENOLITHS	frequent 2-20mm dark xenoliths in v4, magnetic	
101.75	102.5	FOL	band of strong foliation, outlined by carb - biotite veinlets/stringers	50
106.8	107.8	CARB	frequent 1-5mm carb veinlets/stringers, generally oriented 70deg TCA.	70
108.7	109.15	BLOCKY	blocky core	
115.5	116.5	CARB	frequent 1-5mm carb veinlets/stringers, generally oriented 50deg TCA.	50
126.3	126.5	CARB	calcite vein, white, sharp margins, oriented 70deg TCA	70
131.3	131.7	BLOCKY	blocky core	
Alteration				
79.8	80.45	BT, CARB	whispy carb veining + bt alt along upper unit contact	
81.4	82.2	BT, TR	Dark green-brown, fine grain unoriented Fe tremolite-biotite assemblage. Very strong biotite.	
82.2	83	BT, TR	Green, fine grain unoriented Fe tremolite-biotite assemblage. Gradually decreasing biotite to 83m.	
83	106.5	TR	bluish grey colour, weak tremolite alteration throughout. Stronger from 100.25-104m.	

101.75	102.5	BT, CARB	grey-brownish colour, bt and carbonate along foliation	50
106.5	107.8	BT, TR	Greenish, fine grain unoriented Fe tremolite-biotite assemblage.	
115.5	120.6	BT, TR	Greenish, fine grain unoriented Fe tremolite-biotite assemblage.	
125	132.8	BT, TR	Greenish-brown, fine grain unoriented Fe tremolite-biotite assemblage. Amount of biotite gradually increases towards bottom contact.	
Mineralization				
113.15	114.5	PO	PO, trace to locally 1% fine to med disseminations	
132.8	**147**	**S3**	**Dark grey, layered quartz-biotite-muscovite, fine to medium grained meta-sediments. Constant foliation parallel to bedding. Foliation 50deg TCA but shallower at 20deg TCA in sulfide-bearing zones. Occasional alternating bands of sediment and ultramafic (172.3-180.7m). Main sulfide-bearing zones from 135-135.55m, 135.8-137.6m.**	**50**
Structure				
137.8	138	BLOCKY	blocky core	
135	135.55	Fol	foliation shallows in ab-sil-mineralized zone to 20deg TCA	20
135.8	137.6	Fol	foliation shallows in ab-sil-mineralized zone to 20deg TCA	20
Alteration				
132.8	135	BT	patches of weak to mod biotitization within sediments	
135	135.55	SIL, AB, BT, CHL	silicified and albitized sediments, biotite and chlorite along foliation, chl alongside sulfide stringers and clots. Creamy brownish colour, bedded/banded appearance. Sulfide bearing.	20
135.55	135.8	BT	weak to mod biotitization within sediments	
135.8	137.6	SIL, AB, BT, CHL	silicified and albitized sediments, biotite and chlorite along foliation, chl alongside sulfide stringers and clots. Creamy brownish colour, bedded/banded appearance. Sulfide bearing.	
Mineralization				
135	135.55	PY,PO,SPH, CPY	PY,PO,SPH,CPY - 3-5% sulfide overall, stringers occasional clots, along foliation. Trace pentlandite.	
135.8	137.6	PY,PO,SPH, CPY	PY,PO,SPH,CPY - 3-5% sulfide overall, stringers occasional clots, along foliation. Trace pentlandite.	
135.85	135.85	XRF	XRF scan: 266ppm Ni, 0.64% Cu, 0.52% Zn	
137.6	144.95	PY,PO	PY,PO - trace, locally up to 3% sulfide, stringers along foliation and occasional nodules. Nodules appear fractures/brecciated or "broken up".	

SAMPLES			Surimeau - December 2021				SUR-21-27			PAGE: 4	
Sample	**From m**	**To m**	**Length**	**DESCRIPTION**	**Au g/t**						
66232	2.4	3	0.60	v4 + blocky							
66233	3	4.5	1.50	v4 + tr + ca str							
66234	4.5	6	1.50	v4 + tr + ca str							
66235	6	7.5	1.50	v4							
66236	7.5	9	1.50	v4							
66237	9	10.4	1.40	v4							
66238	10.4	11.4	1.00	v4							
66239	11.4	12.5	1.10	v4 + bt							
66240	12.5	14	1.50	v4 + bt + tr							
66241	14	15.4	1.40	v4 + bt + tr							
66242				Quarter Cut of previous sample							
66243	15.4	16.3	0.90	v4 + tr + bt + ca str + vbx							
66244	16.3	17.2	0.90	v4 + tr + bt + ca str + vbx							
66245				Coarse Reject of previous sample							
66246	17.2	18.5	1.30	v4 + tr + bt							
66247	18.5	20	1.50	v4 + tr + bt + ca str							
66248	20	21	1.00	v4 + tr + ca str							
66249	21	22.5	1.50	v4							
66250	22.5	24	1.50	v4							
66251	24	25.5	1.50	v4							
66252				Blank 1: Appalache Valley Pierre Decorative Stone							
66253	25.5	27	1.50	v4							
66254	27	28.5	1.50	v4							
66255				Standard-1: GEOSTATS GMB300-10C email : pjh@geostats.com.au							
66256	28.5	30	1.50	v4							
66257	30	31.5	1.50	v4 + tr + bt + ca str							
66258	31.5	33	1.50	v4 + tr + bt + ca str							
66259	33	34.5	1.50	v4 + tr + bt + ca str							
66260	34.5	36	1.50	v4 + tr + bt + ca str							
66261	36	37	1.00	v4 + tr + bt							
66262				Coarse Reject of previous sample							
66263	37	38	1.00	v4 + tr + bt + calcite veinlet							
66264	38	38.9	0.90	v4 + tr + bt + ca str							
66265				Quarter Cut of previous samples							
66266	38.9	40	1.10	v4 + tr + bt							
66267	40	41.5	1.50	v4 + tr + bt							

66268	41.5	42.95	1.45	v4 + tr + bt + spinifex
66269	42.95	44	1.05	v4 + tr + bt
66270	44	45.5	1.50	v4 + tr + bt
66271	45.5	47	1.50	v4 + tr + bt
66272				Blank 1: Appalache Valley Pierre Decorative Stone
66273	47	48.5	1.50	v4 + tr + bt + ca-ab str
66274	48.5	50	1.50	v4 + tr + bt + ca str + vbx
66275	50	51.5	1.50	v4 + tr + bt + ca str + vbx
66276	51.5	52.8	1.30	v4 + tr + bt + ca str + tr py
66277	52.8	54	1.20	v4 + tr + bt + ca str + tr py + pervasive ca
66278	54	55.5	1.50	v4 + tr + bt + vbx + ca str + peridotite?
66279	55.5	56.5	1.00	v4 + tr + bt + vbx + ca str + peridotite?
66280	56.5	57.5	1.00	v4 + tr + bt + vbx + ca str + peridotite? + 2-3cm downhole calcite vein
66281	57.5	58.8	1.30	v4 + tr + bt + ca str
66282	58.8	60	1.20	v4 + tr + bt + ca str
66283	60	61.5	1.50	v4 + tr + bt + ca str
66284	61.5	63	1.50	v4 + tr + bt + ca str
66285	63	64	1.00	v4 + tr + bt + ca str
66286	64	64.8	0.80	v4 + tr + bt + tr po,py
66287	64.8	65.25	0.45	v4 + bt schist + tr + bt + blocky
66288	65.25	66.5	1.25	v4 + bt + tr + blocky
66289	66.5	67.7	1.20	v4 + bt + tr + blocky
66290	67.7	68.7	1.00	v4 + bt + tr + blocky
66291	68.7	70	1.30	v4 + tr + bt + ca str
66292				Quarter Cut of previous sample
66293	70	71.5	1.50	v4 + tr + bt + ca str
66294	71.5	72.5	1.00	v4 + bt + tr + ab-ca veinlets + po + py
66295				Coarse Reject of previous sample
66296	72.5	73.5	1.00	v4 + bt + tr + ab + ab-ca veinlets + po + py + cpy
66297	73.5	74	0.50	ab-sil s3 + py,po,pent,sph,cpy str + chl fractures
66298	74	75	1.00	ab-sil s3 + py-po str
66299	75	76.5	1.50	ab-sil + py-po str + ca str
66300	76.5	77.5	1.00	ab-sil + py-po str + ca str
66301	77.5	79	1.50	s3 + py-po str + qz-ca-ab str + veinlets
66302				Blank 1: Appalache Valley Pierre Decorative Stone
66303	79	79.8	0.80	s3 + py-po str + qz-ca-ab str + veinlets
66304	79.8	80.45	0.65	ab + bt + py + ca shear
66305	80.45	81.4	0.95	qfp
66306	81.4	82.2	0.80	v4 + bt + tr ca
66307	82.2	83	0.80	v4 + tr + bt
66308	83	84	1.00	v4 + tr + bt

66309	84	85	1.00	v4 + tr
66310	85	86.5	1.50	v4 + tr
66311	86.5	87.7	1.20	v4 + tr
66312				Coarse Reject of previous sample
66313	87.7	89	1.30	v4 + tr
66314	89	90	1.00	v4 + tr
66315				Quarter Cut of previous samples
66316	90	91.5	1.50	v4
66317	91.5	93	1.50	v4
66318	93	94.5	1.50	v4 + whispy ca + xenos
66319	94.5	96	1.50	v4 + whispy ca + xenos
66320	96	97.5	1.50	v4 + whispy ca + xenos
66321	97.5	99	1.50	v4 + whispy ca + xenos
66322				Blank 1: Appalache Valley Pierre Decorative Stone
66323	99	100.25	1.25	v4 + tr + xenos
66324	100.25	101.1	0.85	v4 + tr + xenos
66325	101.1	101.75	0.65	v4 + tr + xenos
66326	101.75	102.5	0.75	v4 + bt + tr + ca
66327	102.5	103.4	0.90	v4 + tr + ca
66328	103.4	104	0.60	v4 + tr + ca str + xenos
66329	104	105.5	1.50	v4 + xenos
66330	105.5	106.5	1.00	v4 + xenos
66331	106.5	107.8	1.30	v4 + bt + tr + ca str
66332	107.8	109	1.20	v4 + tr
66333	109	110.5	1.50	v4
66334	110.5	112	1.50	v4
66335	112	113	1.00	v4 + tr
66336	113	114	1.00	v4
66337	114	115.5	1.50	v4 + tr
66338	115.5	116.5	1.00	v4 + tr + ca str
66339	116.5	118	1.50	v4 + bt + tr
66340	118	119.3	1.30	v4 + bt + tr
66341	119.3	120.3	1.00	v4 + tr + bt + ca str
66342				Quarter Cut of previous sample
66343	120.3	121.5	1.20	v4
66344	121.5	123	1.50	v4
66345				Coarse Reject of previous sample
66346	123	124.5	1.50	v4
66347	124.5	126	1.50	v4
66348	126	127	1.00	v4 + bt + tr + ca veinlet
66349	127	128.5	1.50	v4 + tr + bt

66350	128.5	129.5	1.00	v4 + tr + bt
66351	129.5	131	1.50	v4 + tr + bt
66352				Blank 1: Appalache Valley Pierre Decorative Stone
66353	131	132	1.00	v4 + tr + bt + blocky
66354	132	132.8	0.80	v4 + bt + tr
66355	132.8	134	1.20	s3 + ab + diss py
66356	134	135	1.00	s3 + ab + diss py
66357	135	135.8	0.80	s3 + ab-sil + py-po-sph str + chl frac
66358	135.8	136.6	0.80	s3 + ab-sil + py-po-sph str + chl frac
66359	136.6	137.6	1.00	s3 + ab-sil + py-po-sph str + chl frac
66360	137.6	139	1.40	s3 + py + po
66361	139	140.5	1.50	s3 + py + po
66362				Coarse Reject of previous sample
66363	140.5	141	0.50	s3 + py + po
66364	141	142.5	1.50	s3 + py + po
66365				Quarter Cut of previous samples
66366	142.5	143.65	1.15	s3 + py + po
66367	143.65	144.95	1.30	
66368	144.95	146	1.05	s3
66369	146	147	1.00	s3

RQD			Surimeau - December 2021		SUR-21-27	PAGE: 3
FROM	TO	Length Core Run	Σ pieces >10cm	RQD %		
2.4	3	0.6	0.2	33.33		
3	6	3	2.4	80.00		
6	9	3	3	100.00		
9	12	3	2.8	93.33		
12	15	3	2.3	76.67		
15	18	3	3	100.00		
18	21	3	2.7	90.00		
21	24	3	3	100.00		
24	27	3	3	100.00		
27	30	3	3	100.00	93.16	
30	33	3	2.9	96.67		
33	36	3	2.9	96.67		
36	39	3	2.6	86.67		
39	42	3	2.8	93.33		
42	45	3	2.85	95.00		
45	48	3	3	100.00		
48	51	3	3	100.00		
51	54	3	2.8	93.33		
54	57	3	2.9	96.67		
57	60	3	2.7	90.00		
60	63	3	3	100.00		
63	66	3	2.4	80.00		
66	69	3	3	100.00		
69	72	3	3	100.00		
72	75	3	2.8	93.33		
75	78	3	3	100.00		
78	81	3	2.65	88.33		
81	84	3	2.6	86.67		
84	87	3	2.9	96.67		
87	90	3	3	100.00		
90	93	3	3	100.00		

93	96	3	3	100.00
96	99	3	3	100.00
99	102	3	2.7	90.00
102	105	3	2.4	80.00
105	108	3	2.7	90.00
108	111	3	2.7	90.00
111	114	3	3	100.00
114	117	3	3	100.00
117	120	3	2.75	91.67
120	123	3	3	100.00
123	126	3	3	100.00
126	129	3	3	100.00
129	132	3	2.6	86.67
132	135	3	2.9	96.67
135	138	3	2.9	96.67
138	141	3	2.85	95.00
141	144	3	2.75	91.67
144	147	3	2.7	90.00

Box Lengths			Surimeau - December 2021				SUR-21-27			PAGE: 5	
DDH	Box Number	From m	To m	Box Length	DDH	Box Number	From m	To m	Box Length		
SUR-21-27	1	2.4	6.4	4							
SUR-21-27	2	6.4	10.6	4.2							
SUR-21-27	3	10.6	14.9	4.3							
SUR-21-27	4	14.9	19.25	4.35							
SUR-21-27	5	19.25	23.6	4.35							
SUR-21-27	6	23.6	27.9	4.3							
SUR-21-27	7	27.9	32.1	4.2							
SUR-21-27	8	32.1	36.4	4.3							
SUR-21-27	9	36.4	40.9	4.5							
SUR-21-27	10	40.9	45.25	4.35							
SUR-21-27	11	45.25	49.75	4.5							
SUR-21-27	12	49.75	54.05	4.3							
SUR-21-27	13	54.05	58.3	4.25							
SUR-21-27	14	58.3	62.6	4.3							
SUR-21-27	15	62.6	66.9	4.3							
SUR-21-27	16	66.9	71.25	4.35							
SUR-21-27	17	71.25	75.5	4.25							
SUR-21-27	18	75.5	79.7	4.2							
SUR-21-27	19	79.7	84.05	4.35							
SUR-21-27	20	84.05	88.3	4.25							
SUR-21-27	21	88.3	92.75	4.45							
SUR-21-27	22	92.75	97	4.25							
SUR-21-27	23	97	101.25	4.25							
SUR-21-27	24	101.25	105.45	4.2							
SUR-21-27	25	105.45	109.6	4.15							
SUR-21-27	26	109.6	113.95	4.35							
SUR-21-27	27	113.95	118.15	4.2							
SUR-21-27	28	118.15	122.5	4.35							
SUR-21-27	29	122.5	126.8	4.3							
SUR-21-27	30	126.8	131	4.2							
SUR-21-27	31	131	135	4							

SUR-21-27	32	135	139.4	4.4
SUR-21-27	33	139.4	143.65	4.25
SUR-21-27	34	143.65	147	3.35

Minroc Management

Project:		Surimeau - December 2021
Hole Number:		**SUR-21-28**
Units of Measurement:		Metres
Location	**NTS Sheet:**	
	Township:	
	Claim No:	
	Grid:	
	Easting:	
	Northing:	
	Elevation:	358
GPS Co-ordinates:	**Zone:**	17U
(if applicable)	**Datum:**	NAD83
	Easting:	697313
	Northing:	5328201
Collar Dip:		-80
Collar Azimuth:		180
Hole Length:		234
Core Size:		NQ
Recovery (%)		92.74
Logged By:		Francis Newton
Date:	**Start:**	11-Dec-21
	Finish:	12-Dec-21
Drilled by:		D'ami Or
Date:	**Start:**	10-Dec-21
	Finish:	11-Dec-21

	INCLINATION TESTS			
	DEPTH	**DIP**	**AZIMUTH**	(RAW)
Mag	**COLLAR**	-80.0	180.0	
69524	51	-77.5	161.2	173.2
66013	102	-76.6	157.5	169.5
55179	150	-76.3	178.6	190.6
54808	201	-76.6	176.3	188.3

Comments

Undercut of SUR-21-26 and SUR-21-27. Drilled under new stripping under well mineralized bedrock near west end of trench, between the two historic trenches. Strong Cpy, Py, Sph mineralization.

QA/QC info

Blank 1: Appalache Valley Pierre Decorative Stone

Standard-1: GEOSTATS GMB300-10C email : pjh@geostats.com.au

Minroc Management

FROM	TO	LITHO	Desc	Angle TCA
0	**3**	**OB**	**Overburden**	
3	**20.55**	**V4**	**Blue-grey, ultramafic. Fine to medium grained and massive to weakly foliated assemblage of fibrous pyroxene or amphibole with minor carbonate. Patchy mod mag throughout.**	
Structure				
3	6	BLOCKY	blocky core, approximately 1.6m of missing core. Poor recovery	
4.5	6	CARB	frequent but irregular carb stringers	
Alteration				
13.5	15.85	BT, TR	Brownish-blue grey colour, fine grained unoriented Fe tremolite-biotite assemblage. More biotite than tremolie	
19	20.55	BT, TR	Brownish-blue grey colour, fine grained unoriented Fe tremolite-biotite assemblage. More biotite than tremolie	
20.55	**43.9**	**V4**	**Bluish-brown to green colour, ultramafic. Fine to medium grained and massive to weakly foliated assemblage of fibrous pyroxene or amphibole with minor carbonate. Replacement of massive finely granular to cumulate komatiite flows showing minor flow top breccia over 0.3 meter intervals associated with serpentinisation crack patterns. Patchy weak to mod mag throughout. Frequently resembles volcanic breccia with calcite/carbonate fracture-fills.**	
Structure				
21	21.2	BLOCKY	blocky core	
21.2	22.1	VBX, CARB	volcanic breccia, calcite-filled fractures. Weak foliation at 45deg TCA.	45
22.3	53	BLOCKY	blocky core	
30.3	33.35	VBX, CARB	volcanic breccia, calcite-filled fractures generally following a weak foliation at 70deg TCA.	70
33.35	36	CARB	frequent, irregular carb veinlets, stringers and tension gashes. 10cm pinkish-white calcite vein 35.85-35.95m.	
40.9	43	CARB	occasional irregular carb veinlets and stringers	
42.1	43.25	BLOCKY	blocky core, poor recovery	
Alteration				
20.55	26.8	BT, TR	Green to brownish, fine grained unoriented Fe tremolite-biotite assemblage. Local calcite veining. More biotite than tremolie	
26.8	30.3	BT, TR	Green to brownish, fine grained unoriented Fe tremolite-biotite assemblage. Local calcite veining. More tremolite than biotite.	
30.3	43.9	BT, TR	Green to occasionally brownish, fine grain unoriented Fe tremolite-biotite assemblage. Local calcite veining.	
43.9	**68.9**	**V4**	**Blue-grey, ultramafic. Fine to medium grained and massive, assemblage of fibrous pyroxene or amphibole with minor carbonate. Patchy mod mag throughout.**	
Structure				
61	61.2	CARB	whispy carb veining, along a weak foliation at 35deg TCA.	35
61.15	61.2	BLOCKY	blocky core	
63.6	63.65	CARB, BLOCKY	whispy carb veining, along a weak foliation at 30deg TCA. Narrow band of blocky core.	30
Alteration				
68	68.9	BT	gradually increasing bt alteration approaching bottom contact of unit.	
68.9	**77.35**	**V4**	**Brownish-green colour, ultramafic. Fine to medium grained and massive to weakly foliated assemblage of fibrous pyroxene or amphibole with minor carbonate. Patchy weak to mod mag throughout.**	**40**
Structure				
70.6	76.3	AB, CA	occasional ab-ca veinlets and stringers, generally oriented 40-50deg TCA. Frequent veinlets and stringers from 72.3-72.6m	45
75.4	75.7	BLOCKY	blocky core	

Alteration				
68.9	77.35	BT, TR	Green to brownish, fine grained unoriented Fe tremolite-biotite assemblage. Local calcite veining. More biotite than tremolie	
Mineralization				
72.6	76	PY,PO	PY,PO - trace to locally 1% fine to med disseminations	
77.35	**163.45**	**V4**	**Blue-grey, ultramafic. Fine to medium grained and massive, assemblage of fibrous pyroxene or amphibole with minor carbonate. Patchy mod mag throughout. Main mineralized zones from 126.15-128.6m.**	
Structure				
78	115.65	XENOLITHS	frequent 2-20mm dark xenoliths in v4, magnetic. Becomes less frequent after 107m.	
99.8	100.35	BLOCKY	blocky core	
115.65	116.3	QFP	blue-grey qfp, masssive	
116.3	116.9	BLOCKY	blocky core	
121.65	121.6	BLOCKY	blocky core	
122.4	122.55	CARB	irregular carb vein with framgents of ultramafic within the vein	
122.8	123	BLOCKY	blocky core	
123.8	124.9	CARB	whispy carb veining, along a weak foliation at 50deg TCA.	50
126.15	126.95	CALC-SIL	narrow band of calc-silicate? Fine grained, banded and foliated at 55deg TCA. Frequent sulfide stringers (py-po-cpy).	55
128	128.6	CALC-SIL	narrow band of calc-silicate? Fine grained, banded and foliated at 55deg TCA. Frequent sulfide stringers (py-po-cpy).	55
128.55	128	BLOCKY	blocky core	
131.9	132	BLOCKY	blocky core	
150	159.5	XENOLITHS	frequent 2-20mm dark xenoliths in v4, magnetic.	
153	153.8	CARB	frequent irregular white carb stringers and veinlets, roughly oriented 45deg TCA	45
Alteration				
90.7	92	BT, TR, CARB	Greenish brown, fine grained unoriented Fe tremolite-biotite assemblage. Whispy carb alt. More biotite than tremolite.	
99.8	102	TR, BT	Green to brownish, fine grained unoriented Fe tremolite-biotite assemblage. More tremolite than biotite.	
115	115.65	TR	Greenish blue-grey, fine grained unoriented Fe tremolite.	
120.6	126.15	BT, TR, CARB	Greenish brown, fine grained unoriented Fe tremolite-biotite assemblage. Whispy carb alt and local calcite veining. More biotite than tremolite. Intensity of alteration increases significiantly 123.8-124.9m.	
124.9	126.15	BT, TR, CALC-SIL	Greenish brown, fine grained unoriented Fe tremolite-biotite assemblage, occasional carb stringers. More biotite than tremolite. Occasional bright green cr-diopside bands/veins or peridotite 124.9-125.5m?. Weakly foliated at 55deg TCA.	55
126.15	126.95	CALC-SIL, AB	albitized ultramafics, creamy brown-green colour, zones of strong mineralization (stringers/disseminations of sulfide) increasing with depth. Plagioclase matrix with cr-tremolite.	
126.95	128	CALC-SI, TR	Green, fine to medium grain (1-2mm). Plagioclase matrix with Cr diopside-Cr tremolite with occasional Cr grossular. Pyrrhotite bearing.	
128	128.6	CALC-SIL, AB	albitized ultramafics, creamy brown-green colour, zones of strong mineralization (stringers/disseminations of sulfide) increasing with depth. Plagioclase matrix with cr-tremolite.	
145.5	146.15	TR, BT	Green to brownish, fine grained unoriented Fe tremolite-biotite assemblage. More tremolite than biotite.	
152	153.8	TR, BT	Green to brownish, fine grained unoriented Fe tremolite-biotite assemblage. More tremolite than biotite.	
159.5	163.45	TR, BT	bluish-green, fine grained unoriented Fe tremolite-biotite assemblage. Wekaly altered. More tremolite than biotite.	
Mineralization				
124.9	126.15	PY,PO	PY,PO - trace to locally 1% fine to med disseminations	
126.15	126.95	PY,PO,SPH	PY,PO,SPH, 2-5% sulfide overall in stringers conc to fol and clots	
126.25	126.25	XRF	XRF scan: 272ppm Ni, 179ppm Cu, 0.64% Zn	
126.25	128	PY,PO	PY,PO - trace to locally 1% fine to med disseminations	
128	128.6	PY,PO,SPH	PY,PO,SPH, 2-5% sulfide overall in stringers conc to fol and clots	
128.6	138	PO	PO - trace to locally 1% fine to med disseminations	
147	150	PO	PO - trace to locally 1% fine to med disseminations	

163.45	**211.45**	**V4**	**Brownish-green colour, ultramafic. Fine to medium grained and massive to weakly foliated assemblage of fibrous pyroxene or amphibole with minor carbonate. Replacement of massive finely granular to cumulate komatiite flows showing minor flow top breccia over 0.3 meter intervals associated with serpentinisation crack patterns.Patchy weak to mod mag throughout.**	
Structure				
166.5	170.3	CARB	frequent irregular white carb stringers and veinlets, roughly oriented 45deg TCA	45
180.5	182	CARB, VBX	frequent irregular white carb stringers and veinlets and volcanic breccia 180.7-180.9m.	
184.9	186	CARB	1-3cm white qv veinlets, shallow dipping at 5deg TCA	5
184.9	205	XENOLITHS	frequent 2-20mm dark xenoliths in v4, magnetic.	
190.3	190.5	BLOCKY	blocky core, poor recovery	
Alteration				
163.45	163.55	TALC	weak talc alteration along fracture plane, oriented 35deg TCA	35
163.45	173.5	BT,TR, CARB	Green, fine to med grain Fe tremolite-biotite unoriented assemblage. Local calcite veining. Stronger alteration after 166.5m but then weakens gradually from 172-173.5m.	
175	183	BT, TR	Green-brownish blue grey colour, fine to med grain Fe tremolite-biotite unoriented assemblage. Local calcite veining. Gradually decreases intensity 182-183m.	
190	1901	BT, TR	Green-brownish blue grey colour, fine to med grain Fe tremolite-biotite unoriented assemblage.	
203.55	204.45	TR	Green-brownish blue grey colour, fine to med grain Fe tremolite unoriented assemblage. Coarse actinolite needles within interval, strongest 204-204.2m.	
204.45	211.45	BT, TR	Green-brownish blue grey colour, fine to med grain Fe tremolite-biotite unoriented assemblage. Gradually increasing alteration through interval.	
Mineralization				
163.45	163.55	PY	PY, med to coarse crystals within talc vein.	
172	173.3	PO	PO - trace to locally 1% fine to med disseminations	
192	207	PO	PO - trace to locally 1% fine to med disseminations	
211.45	**216.4**	**S3 + V4**	**Mix of Brownish-green colour, ultramafic as above and greywacke sediments. Mod to strongly foliated at 40deg TCA. Narrow bands of graphitic mudstone 211.55-211.65m, 211.8-211.9m, 212.15-212.85m.**	**40**
Structure				
211.55	211.65	S6gp	Graphitic mudstone, fine grained, black colour, fine sulfide stringers and clots.	40
211.8	211.9	S6gp	Graphitic mudstone, fine grained, black colour, fine sulfide stringers and clots.	40
212.15	212.85	S6gp	Graphitic mudstone, fine grained, black colour, fine sulfide stringers and clots.	40
216	216.45	BLOCKY	blocky core	
Alteration				
211.45	211.55	BT, TR	Green-brownish blue grey colour, fine to med grain Fe tremolite-biotite unoriented assemblage.	
211.65	211.8	BT, TR	Green-brownish blue grey colour, fine to med grain Fe tremolite-biotite unoriented assemblage.	
211.9	212.15	BT, TR	Green-brownish blue grey colour, fine to med grain Fe tremolite-biotite unoriented assemblage.	
212.85	216.4	BT, TR	Green-brownish blue grey colour, fine to med grain Fe tremolite-biotite unoriented assemblage.	
216	216.4	CALC-SI, AB-SIL	Brownish-green colour, fine to medium grain (1-2mm). Plagioclase matrix with Cr diopside-Cr tremolite with occasional Cr grossular. Pyrrhotite bearing. Mixed calc-sil and ab-sil s3.	
Mineralization				
211.55	211.65	PY,PO,SPH	PY,PO,SPH: 2-3% sulfide overall, clotty and fine to med stringers of py,po,sph	
211.8	211.9	PY,PO,SPH	PY,PO,SPH: 2-3% sulfide overall, clotty and fine to med stringers of py,po,sph	
212.15	212.85	PY,PO,SPH	PY,PO,SPH: 2-3% sulfide overall, clotty and fine to med stringers of py,po,sph	
216.4	**234**	**S3**	**Dark grey, layered quartz-biotite-muscovite, fine to medium grained meta-sediments. Constant foliation parallel to bedding. Foliation 50deg TCA. Trace to 2% fine disseminated and stringer py+po background.**	**50**
Structure				
217.9	218.5	BLOCKY	blocky core	
220.5	221.2	BLOCKY	blocky core	
224.2	224.7	BLOCKY	blocky core	

227	227.1	BLOCKY	blocky core
225.85	225.95	QZ	irregular qz veining or rounded fragments within sediments?
Alteration			
216.4	216.6	SIL, AB, BT, CHL	silicified and albitized sediments, biotite and chlorite along foliation, chl alongside sulfide stringers and clots. Creamy brownish colour, bedded/banded appearance. Sulfide bearing.
216.6	217	AB, SIL	weak to mod albitization and silicification within sediments
217	217.45	SIL, AB, BT, CHL	silicified and albitized sediments, biotite and chlorite along foliation, chl alongside sulfide stringers and clots. Creamy brownish colour, bedded/banded appearance. Sulfide bearing.
221.6	221.75	AB, CHL	weak albite and chlorite alt, greenish band within sediments
221.2	221.85	BT	mod biotitization within sediments
228	228.6	CHL	very weak chlorite alt
228.6	234	AL-SIL	clusters of blue-grey al-silicate crystals present throughout, vary from 1-10mm in size, crystals often elongated in direction of foliation/bedding. Fine 1-3mm bt crystals around and along al-silicated crystals
Mineralization			
216.4	216.6	PY,PO	PY,PO - 2-3% sulfide overall, stringers occasional clots, along foliation.
216.6	217	PY, PO	PY,PO - trace to locally 1% fine to med disseminations and stringers
217	217.45	PY,PO	PY,PO - 2-3% sulfide overall, stringers occasional clots, along foliation.
217.45	226	PY, PO	PY,PO - trace to locally 1% fine to med disseminations and stringers

SAMPLES			Surimeau - December 2021				SUR-21-28			PAGE: 4	
Sample	**From m**	**To m**	**Length**	**DESCRIPTION**	**Au g/t**						
66370	3	6	3.00	c4 + 1.6m missing core - blocky							
66371	6	6.75	0.75	v4 + bt + tr + ca							
66372				Blank 1: Appalache Valley Pierre Decorative Stone							
66373	6.75	8	1.25	v4							
66374	8	9.5	1.50	v4							
66375	9.5	11	1.50	v4							
66376	11	12	1.00	v4							
66377	12	13.5	1.50	v4							
66378	13.5	14.8	1.30	v4 + bt + tr							
66379	14.8	15.85	1.05	v4 + bt + tr							
66380	15.85	17	1.15	v4							
66381	17	18	1.00	v4							
66382	18	18.8	0.80	v4							
66383	18.8	19.85	1.05	v4							
66384	19.85	20.55	0.70	v4 + bt + tr + vbx							
66385	20.55	21.2	0.65	v4 + tr + bt + ca str + vbx							
66386	21.2	22.1	0.90	v4 + tr + bt + ca str + vbx							
66387	22.1	23.5	1.40	v4 + tr bt							
66388	23.5	25	1.50	v4 + bt + tr							
66389	25	25.8	0.80	v4 + bt + tr							
66390	25.8	26.8	1.00	v4 + bt + tr							
66391	26.8	28	1.20	v4							
66392				Quarter Cut of previous sample							
66393	28	29.3	1.30	v4							
66394	29.3	30.3	1.00	v4							
66395				Coarse Reject of previous sample							
66396	30.3	31.5	1.20	v4 + tr + bt + ca veinlets and str							
66397	31.5	32.5	1.00	v4 + tr + bt + ca veinlets and str							
66398	32.5	33.25	0.75	v4 + tr + bt + ca veinlets and str							
66399	33.25	34.55	1.30	v4 + bt + tr + ca str							
66400	34.55	36	1.45	v4 + bt + tr + ca str							
66401	36	37.5	1.50	v4 + bt + tr							
66402				Blank 1: Appalache Valley Pierre Decorative Stone							
66403	37.5	39	1.50	v4 + bt + tr							
66404	39	40	1.00	v4 + tr							
66405				Standard-1: GEOSTATS GMB300-10C email : pjh@geostats.com.au							

66406	40	40.9	0.90	v4 + tr
66407	40.9	42	1.10	v4 + tr + ca str
66408	42	43	1.00	v4 + tr + ca str + blocky
66409	43	43.9	0.90	v4 + tr + bt
66410	43.9	45	1.10	v4 + tr
66411	45	46.5	1.50	v4
66412				Coarse Reject of previous sample
66413	46.5	48	1.50	v4
66414	48	49.5	1.50	v4
66415				Quarter Cut of previous samples
66416	49.5	51	1.50	v4
66417	51	52.5	1.50	v4
66418	52.5	54	1.50	v4
66419	54	55.5	1.50	v4
66420	55.5	57	1.50	v4
66421	57	58.5	1.50	v4
66422				Blank 1: Appalache Valley Pierre Decorative Stone
66423	58.5	60	1.50	v4
66424	60	61.5	1.50	v4
66425	61.5	63	1.50	v4
66426	63	64.5	1.50	v4
66427	64.5	66	1.50	v4
66428	66	67.5	1.50	v4
66429	67.5	68.9	1.40	v4 + tr + bt
66430	68.9	70	1.10	v4 + tr + bt
66431	70	70.6	0.60	v4 + tr + bt
66432	70.6	71.6	1.00	v4 + tr + bt
66433	71.6	72.6	1.00	v4 + tr + bt + ab-ca str
66434	72.6	73.5	0.90	v4 + tr + bt + ca-ab str + tr py,po
66435	73.5	75	1.50	v4 + tr + bt + ca-ab str + tr py,po
66436	75	76.2	1.20	v4 + tr + bt + ca-ab str + tr py,po + ca
66437	76.2	77.35	1.15	v4 + tr + bt + ca-ab str + tr py,po + ca
66438	77.35	78.5	1.15	v4
66439	78.5	80	1.50	v4 + xenos
66440	80	81.5	1.50	v4 + xenos
66441	81.5	83	1.50	v4 + xenos
66442				Quarter Cut of previous sample
66443	83	84.5	1.50	v4 + xenos
66444	84.5	86	1.50	v4 + xenos
66445				Coarse Reject of previous sample
66446	86	87.5	1.50	v4 + xenos

66447	87.5	89	1.50	v4 + xenos
66448	89	90.5	1.50	v4 + xenos
66449	90.5	92	1.50	v4 + tr + bt
66450	92	93.5	1.50	v4 + xenos
66451	93.5	95	1.50	v4 + xenos
66452				Blank 1: Appalache Valley Pierre Decorative Stone
66453	95	96.5	1.50	v4 + xenos
66454	96.5	98	1.50	v4 + xenos
66455	98	99	1.00	v4 + xenos
66456	99	99.8	0.80	v4 + xenos
66457	99.8	100.5	0.70	v4 + bt + tr
66458	100.5	102	1.50	v4 + tr
66459	102	103.5	1.50	v4
66460	103.5	105	1.50	v4
66461	105	106.5	1.50	v4
66462				Coarse Reject of previous sample
66463	106.5	108	1.50	v4
66464	108	109.5	1.50	v4
66465				Quarter Cut of previous samples
66466	109.5	111	1.50	v4
66467	111	112.5	1.50	v4
66468	112.5	114	1.50	v4 + tr
66469	114	115	1.00	v4 + tr
66470	115	115.65	0.65	v4
66471	115.65	116.3	0.65	qfp
66472				Blank 1: Appalache Valley Pierre Decorative Stone
66473	116.3	117.5	1.20	v4, blocky
66474	117.5	119	1.50	v4
66475	119	119.9	0.90	v4
66476	119.9	120.6	0.70	v4
66477	120.6	121.6	1.00	v4 + tr + bt + ab-ca str + blocky
66478	121.6	122.8	1.20	v4 + tr + bt + ab-ca str + blocky
66479	122.8	123.8	1.00	v4 + tr + bt + ab-ca str + blocky
66480	123.8	124.9	1.10	v4 + bt + tr + ca
66481	124.9	126.15	1.25	v4 + tr + bt + tr py-po + green calc sil + blocky
66482	126.15	126.95	0.80	v4 + ab/calc sil + po str and clots + qz-ca-ab str
66483	126.95	128	1.05	v4 + bt + tr + calc sil bands + py-po + qz-ca veinlets + ca str
66484	128	128.6	0.60	ab + calc sil + py-po str
66485	128.6	130	1.40	ab + calc sil + py-po str
66486	130	131.5	1.50	v4 + po
66487	131.5	133	1.50	v4 + po

66488	133	134.5	1.50	v4 + po
66489	134.5	136	1.50	v4 + po
66490	136	137.5	1.50	v4
66491	137.5	139	1.50	v4
66492				Quarter Cut of previous sample
66493	139	140.5	1.50	v4
66494	140.5	142	1.50	v4 + xenos
66495				Coarse Reject of previous sample
66496	142	143.5	1.50	v4
66497	143.5	144.5	1.00	v4
66498	144.5	145.5	1.00	v4
66499	145.5	146.5	1.00	v4 + bt
66500	146.5	148	1.50	v4
67001	148	149.5	1.50	v4
67002				Blank 1: Appalache Valley Pierre Decorative Stone
67003	149.5	151	1.50	v4
67004	151	152	1.00	v4
67005	152	153	1.00	v4
67006	153	153.8	0.80	v4 + bt + ca str
67007	153.8	155	1.20	v4 + xenos
67008	155	156.5	1.50	v4 + xenos
67009	156.5	158	1.50	v4
67010	158	159.5	1.50	v4
67011	159.5	161	1.50	v4 + bt + tr
67012				Coarse Reject of previous sample
67013	161	162.5	1.50	v4 + bt + tr
67014	162.5	163.45	0.95	v4 + bt
67015				Quarter Cut of previous samples
67016	163.45	164.5	1.05	v4 + talc + bt
67017	164.5	165.2	0.70	v4 + bt + tr
67018	165.2	166.5	1.30	v4 + bt + tr
67019	166.5	168	1.50	v4 + bt + tr
67020	168	169.5	1.50	v4 + bt + tr
67021	169.5	170.5	1.00	v4 + bt + tr
67022				Blank 1: Appalache Valley Pierre Decorative Stone
67023	170.5	172	1.50	v4 + bt + tr
67024	172	173.5	1.50	v4 + bt + tr
67025	173.5	175	1.50	v4
67026	175	176.25	1.25	v4 + bt + tr
67027	176.25	177.75	1.50	v4 + bt + tr
67028	177.75	179	1.25	v4 + bt + tr

67029	179	180.5	1.50	v4 + bt
67030	180.5	182	1.50	v4 + ca str
67031	182	183	1.00	v4 + tr
67032	183	184	1.00	v4
67033	184	184.9	0.90	v4
67034	184.9	186	1.10	v4 + ca vein
67035	186	187.5	1.50	v4
67036	187.5	189	1.50	v4
67037	189	190.5	1.50	v4 + xenos + bt + blocky
67038	190.5	192	1.50	v4 + xenos
67039	192	193.5	1.50	v4 + xenos + tr po
67040	193.5	195	1.50	v4 + xenos + tr po
67041	195	196.5	1.50	v4 + xenos + tr po
67042				Quarter Cut of previous sample
67043	196.5	198	1.50	v4 + xenos + tr po
67044	198	199.5	1.50	v4 + xenos + tr po
67045				Coarse Reject of previous sample
67046	199.5	201	1.50	v4 + xenos + tr po
67047	201	202.5	1.50	v4 + xenos + tr po
67048	202.5	203.55	1.05	v4 + tr po
67049	203.55	204.45	0.90	v4 + tr po
67050	204.45	205.5	1.05	v4 + xenos + tr po
67051	205.5	207	1.50	v4 + tr po
67052				Blank 1: Appalache Valley Pierre Decorative Stone
67053	207	208.5	1.50	v4 + tr po
67054	208.5	210	1.50	v4 + bt
67055				Standard-1: GEOSTATS GMB300-10C email : pjh@geostats.com.au
67056	210	211.45	1.45	v4 + s3 + bt + tr + tr py
67057	211.45	212.85	1.40	v4 + s3 + s6gp + bt + tr + py-po-sph
67058	212.85	214.05	1.20	v4 + s3 + bt + tr + ca + tr py
67059	214.05	215.4	1.35	v4 + s3 + bt + tr + ca + tr py
67060	215.4	216.4	1.00	v4 + bt + tr + 3 + ab-sil + tr py
67061	216.4	217	0.60	s3 + ab + tr py,po
67062				Coarse Reject of previous sample
67063	217	217.45	0.45	s3 + sil-ab + py-po
67064	217.45	218.5	1.05	s3 + py str
67065				Quarter Cut of previous samples
67066	218.5	220	1.50	s3 + py str
67067	220	221.2	1.20	s3 + py str
67068	221.2	221.85	0.65	s3 + bt + chl
67069	221.85	223	1.15	s3 + tr py

67070	223	224	1.00	s3 + tr py
67071	224	225	1.00	s3 + tr py
67072				Blank 1: Appalache Valley Pierre Decorative Stone
67073	225	226	1.00	s3 + py + qz-ab + tr py
67074	226	227	1.00	s3

RQD			Surimeau - December 2021		SUR-21-28	PAGE: 3
FROM	TO	Length Core Run	Σ pieces >10cm	RQD %		
2.8	3	0.2	0.2	100.00		
3	6	3	2.4	80.00		
6	9	3	3	100.00		
9	12	3	2.8	93.33		
12	15	3	2.45	81.67		
15	18	3	2.7	90.00		
18	21	3	3	100.00		
21	24	3	2	66.67		
24	27	3	2.6	86.67		
27	30	3	3	100.00	92.74	
30	33	3	2.95	98.33		
33	36	3	2.9	96.67		
36	39	3	2.9	96.67		
39	42	3	3	100.00		
42	45	3	2.55	85.00		
45	48	3	3	100.00		
48	51	3	3	100.00		
51	54	3	3	100.00		
54	57	3	2.9	96.67		
57	60	3	3	100.00		
60	63	3	2.9	96.67		
63	66	3	3	100.00		
66	69	3	3	100.00		
69	72	3	3	100.00		
72	75	3	2.7	90.00		
75	78	3	2.6	86.67		
78	81	3	3	100.00		
81	84	3	3	100.00		
84	87	3	3	100.00		
87	90	3	3	100.00		
90	93	3	2.5	83.33		

93	96	3	3	100.00
96	99	3	3	100.00
99	102	3	2.6	86.67
102	105	3	2.85	95.00
105	108	3	2.9	96.67
108	111	3	3	100.00
111	114	3	2.9	96.67
114	117	3	2.3	76.67
117	120	3	2.85	95.00
120	123	3	2.7	90.00
123	126	3	2.7	90.00
126	129	3	2.4	80.00
129	132	3	2.85	95.00
132	135	3	3	100.00
135	138	3	3	100.00
138	141	3	2.95	98.33
141	144	3	3	100.00
144	147	3	2.45	81.67
147	150	3	2.65	88.33
150	153	3	3	100.00
153	156	3	2.9	96.67
156	159	3	3	100.00
159	162	3	3	100.00
162	165	3	2.55	85.00
165	168	3	2.65	88.33
168	171	3	2.05	68.33
171	174	3	2.9	96.67
174	177	3	2.95	98.33
177	180	3	2.5	83.33
180	183	3	3	100.00
183	186	3	3	100.00
186	189	3	3	100.00
189	192	3	2.5	83.33
192	195	3	2.9	96.67
195	198	3	3	100.00
198	201	3	3	100.00
201	204	3	3	100.00
204	207	3	3	100.00
207	210	3	3	100.00
210	213	3	2.9	96.67

213	216	3	2.9	96.67
216	219	3	1.8	60.00
219	222	3	2.2	73.33
222	225	3	1.95	65.00
225	228	3	1.8	60.00
228	231	3	2.9	96.67
231	234	3	2.7	90.00

Box Lengths			Surimeau - December 2021			SUR-21-28			PAGE: 5	
DDH	Box Number	From m	To m	Box Length	DDH	Box Number	From m	To m	Box Length		
SUR-21-28	1	2.8	8.25	5.45							
SUR-21-28	2	8.25	12.5	4.25							
SUR-21-28	3	12.5	16.9	4.4							
SUR-21-28	4	16.9	21.2	4.3							
SUR-21-28	5	21.2	25.8	4.6							
SUR-21-28	6	25.8	30.2	4.4							
SUR-21-28	7	30.2	34.55	4.35							
SUR-21-28	8	34.55	38.8	4.25							
SUR-21-28	9	38.8	43	4.2							
SUR-21-28	10	43	47.3	4.3							
SUR-21-28	11	47.3	51.5	4.2							
SUR-21-28	12	51.5	55.9	4.4							
SUR-21-28	13	55.9	60.1	4.2							
SUR-21-28	14	60.1	64.4	4.3							
SUR-21-28	15	64.4	68.75	4.35							
SUR-21-28	16	68.75	73	4.25							
SUR-21-28	17	73	77.35	4.35							
SUR-21-28	18	77.35	81.5	4.15							
SUR-21-28	19	81.5	85.8	4.3							
SUR-21-28	20	85.8	90	4.2							
SUR-21-28	21	90	94.3	4.3							
SUR-21-28	22	94.3	98.7	4.4							
SUR-21-28	23	98.7	103	4.3							
SUR-21-28	24	103	107.2	4.2							
SUR-21-28	25	107.2	111.5	4.3							
SUR-21-28	26	111.5	115.65	4.15							
SUR-21-28	27	115.65	119.9	4.25							
SUR-21-28	28	119.9	123.9	4							
SUR-21-28	29	123.9	127.8	3.9							
SUR-21-28	30	127.8	132	4.2							
SUR-21-28	31	132	137.15	5.15							

SUR-21-28	32	137.15	140.6	3.45
SUR-21-28	33	140.6	144.95	4.35
SUR-21-28	34	144.95	149.1	4.15
SUR-21-28	35	149.1	153.3	4.2
SUR-21-28	36	153.3	157.55	4.25
SUR-21-28	37	157.55	161.8	4.25
SUR-21-28	38	161.8	166.05	4.25
SUR-21-28	39	166.05	170.3	4.25
SUR-21-28	40	170.3	174.6	4.3
SUR-21-28	41	174.6	178.95	4.35
SUR-21-28	42	178.95	183.05	4.1
SUR-21-28	43	183.05	187.25	4.2
SUR-21-28	44	187.25	191.4	4.15
SUR-21-28	45	191.4	195.65	4.25
SUR-21-28	46	195.65	200.05	4.4
SUR-21-28	47	200.05	204.4	4.35
SUR-21-28	48	204.4	208.25	3.85
SUR-21-28	49	208.25	213	4.75
SUR-21-28	50	213	217.3	4.3
SUR-21-28	51	217.3	221.6	4.3
SUR-21-28	52	221.6	226	4.4
SUR-21-28	53	226	230.6	4.6
SUR-21-28	54	230.6	234	3.4

Minroc Management

Project:		Surimeau - December 2021
Hole Number:		**SUR-21-29**
Units of Measurement:		Metres
Location	**NTS Sheet:**	
	Township:	
	Claim No:	
	Grid:	
	Easting:	
	Northing:	
	Elevation:	358
GPS Co-ordinates:	**Zone:**	17U
(if applicable)	**Datum:**	NAD83
	Easting:	697404
	Northing:	5328215
Collar Dip:		-80
Collar Azimuth:		180
Hole Length:		210
Core Size:		NQ
Recovery (%)		82.31
Logged By:		Francis Newton
Date:	**Start:**	12-Dec-21
	Finish:	13-Dec-21
Drilled by:		D'ami Or
Date:	**Start:**	11-Dec-21
	Finish:	13-Dec-21

	INCLINATION TESTS				
	DEPTH	**DIP**	**AZIMUTH**	(RAW)	**Comments**
Mag	**COLLAR**	-80.0	180.0		
55863	51	-79.3	176.2	188.2	Drilled under new stripping in the approximate center of the new trenching.
55054	151	-76.6	182	194	
54975	201	-75.5	177.8	189.8	

QA/QC info

Blank 1: Appalache Valley Pierre Decorative Stone

Standard-1: GEOSTATS GMB300-10C email : pjh@geostats.com.au

Minroc Management

FROM	TO	LITHO	Desc	Angle TCA
0	**1.5**	**OB**	**Overburden**	
1.5	**43.8**	**V4**	**Blue-grey to greenish-brown ultramafic. Fine to medium grained and massive to weakly foliated assemblage of fibrous pyroxene or amphibole with minor carbonate. Replacement of massive finely granular to cumulate komatiite flows showing minor flow top breccia over 0.3 meter intervals associated with serpentinisation crack patterns. Patchy mod mag throughout.**	
Structure				
3	7	CARB	irregular occasional whispy carb-bt veinlets and stringers, often oriented 50deg TCA	50
15.9	16	BLOCKY	blocky core	
15.95	16	CARB	3cm white carb veinlet, fragments of wallrock within vein	35
24.8	25	BLOCKY	blocky core	
38.85	39	BLOCKY	blocky core	
Alteration				
4	8	BT	weak to mod biotitization around carb stringers and veinlets	
16.75	25.65	BT, TR	Green to brownish, fine grained unoriented Fe tremolite-biotite assemblage. Local calcite veining. More biotite than tremolie	
33	34.5	CARB	weak pervasive carb alt - 2-3mm carb phenos? Throughout	
34.5	43.8	BT, TR	Green to brownish, fine grained unoriented Fe tremolite-biotite assemblage. Local calcite veining. More biotite than tremolite.	
Mineralization				
1.5	14	PO	PO - trace to locally 1% fine to med disseminations	
43.8	**90.2**	**V4**	**Green, occasionally blue-green in colour, ultramafic. Fine to medium grained and massive to weakly foliated assemblage of fibrous pyroxene or amphibole with minor carbonate. Replacement of massive finely granular to cumulate komatiite flows showing minor flow top breccia over 0.3 meter intervals associated with serpentinisation crack patterns. Zone of pale brownish green layers from 77.3-86.3m - rounded clasts or fragments of paler material within darker ultramafic, possibly cumulates?**	
Structure				
45	58.7	QZ-AB	occasional qz-ab veinlets and stringers, rarely contain carbonate. Irregular.	
63.4	69.1	QZ-AB	occasional qz-ab veinlets and stringers, rarely contain carbonate. Irregular.	
71.55	90.2	QZ-AB	occasional qz-ab veinlets and stringers, rarely contain carbonate. Irregular.	
74.85	75.15	QZ-AB	large qz-ab vein, shallow dipping at 20deg TCA	20
77.3	86.3	V4 - cumulate?	Zone of pale brownish grey-green layers with rounded clasts or fragments of paler material within darker ultramafic, weak to moderately albitized, possibly cumulates?? Sulfide-bearing	
Alteration				
43.8	90.2	TR,BT	Green, fine grain unoriented Fe tremolite-biotite assemblage. Local calcite veining. More tremolite than biotite. Occasional bands of weaker alteration? From 58.25-63m -becomes paler green, possibly more biotite than tremolite in these bands. Biotite alteration increases to bottom unit.	
69.1	71.55	BT, TR	Green to brownish, fine grained unoriented Fe tremolite-biotite assemblage. Local calcite veining. More biotite than tremolie	
77.3	86.3	DI, CARB, AB	Pale grey-brown-green, pseudo breccia structure replaced by fine to medium grained unoriented diopside - calcite - tremolite associated locally with pale grossular garnet. Biotite, fine grained. Occasional patches of weak pervasive carb alt. Thse paler zones are moderately albitized.	
86.9	87.05	CALC-SI, AB, BT	creamy brown colour, fine to medium grain (1-2mm). Plagioclase matrix with Cr tremolite-biotite with occasional Cr grossular.	
88.65	88.85	CALC-SI, AB	creamy brown colour, fine to medium grain (1-2mm). Plagioclase matrix with Cr tremolite with occasional Cr grossular. Pyrrhotite bearing.	
88.85	89.5	DI, CARB	Pale grey-brown-green, pseudo breccia structure replaced by fine to medium grained unoriented diopside - calcite - tremolite associated locally with pale grossular garnet. Biotite, fine grained. Occasional patches of weak pervasive carb alt.	

Mineralization				
65.5	77.3	PO, PY	PO, PY - trace to locally 1% fine to med disseminations	
77.3	88.65	PO, PY	PO, PY - trace to locally 3% fine to med disseminations	
88.65	88.85	PY,PO,SPH,PENT,CPY	PY,PO,CPY,SPH,PENT, 7-10% sulfide overall in stringers conc to fol + fine to coarse disseminations.	80
88.7	88.7	XRF	XRF scan: 0.21% Ni, 214ppm Cu, 0.23% Zn	
88.75	88.75	XRF	XRF scan: 0.12% Ni, 920ppm Cu, 0.14% Zn	
88.85	90.2	PO, PY	PO, PY - 1-3% fine to med disseminations	
90.2	**189.25**	**V4**	**Blue-grey ultramafic. Fine to medium grained and massive to weakly foliated assemblage of fibrous pyroxene or amphibole with minor carbonate. Replacement of massive finely granular to cumulate komatiite flows showing minor flow top breccia over 0.3 meter intervals associated with serpentinized crack patterns. Patchy mod mag throughout.**	
Structure				
94	97	XENOLITHS	frequent 2-20mm dark xenoliths in v4, magnetic.	
100.6	101	BLOCKY	blocky core	
103.65	104	BLOCKY	blocky core	
106.8	109.05	BLOCKY	blocky core	
109.05	110.4	CARB	occasional 1-5mm whispy carb veinlets and stringers, often oriented 50deg TCA	50
114	115.5	XENOLITHS	frequent 2-20mm dark xenoliths in v4, magnetic.	
129	130.65	CARB	frequent 1-5mm whispy carb veinlets and stringers, often oriented 70deg TCA + occasional volcanic breccia	70
133.3	135.5	CARB	frequent 1-5mm whispy carb veinlets and stringers, often oriented 70deg TCA + occasional volcanic breccia	70
136.7	137	BLOCKY	blocky core	
138.5	144	XENOLITHS	frequent 2-20mm dark xenoliths in v4, magnetic.	
145.5	147.9	CARB	frequent 1-5mm whispy carb veinlets and stringers, often oriented 60deg TCA + occasional volcanic breccia	60
159.9	160	BLOCKY	blocky core	
162.55	163	BLOCKY	blocky core	
162.55	169.5	XENOLITHS	frequent 2-20mm dark xenoliths in v4, magnetic.	
163.8	164.1	BLOCKY	blocky core	
170.75	171.1	BLOCKY	blocky core	
175.5	180	XENOLITHS	frequent 2-20mm dark xenoliths in v4, magnetic.	
180.5	184	CARB	frequent 1-5mm whispy carb veinlets and stringers, often oriented 35deg TCA + occasional volcanic breccia	35
Alteration				
105.6	110.4	BT, TR	Green to brownish, fine grained unoriented Fe tremolite-biotite assemblage. Local calcite veining. More biotite than tremolie. Alteratgion gets stronger with depth but disappears abruptly at 110.4m.	
121.5	122.5	BT, TR	Green to brownish, fine grained unoriented Fe tremolite-biotite assemblage. Local calcite veining.	
125.45	135.5	BT, TR	Green to brownish, fine grained unoriented Fe tremolite-biotite assemblage. Local calcite veining. Weak alteration 128-129m. Strong alteration with frequent carb veinlets/stringers 129-130.65m, 133.3-135.5m, 136.4-138.5m weak alteration overall but more biotite than tremolite.	
144	149.9	BT, TR, TALC	Green to brownish, fine grained unoriented Fe tremolite-biotite assemblage. Local calcite veining. Weak alteration 128-129m. Strong alteration and weak talc alteration, with frequent carb veinlets/stringers 145.5-147.9m. Weak alt and more biotite than tremolite 147.9-149.9m	
158.8	164.1	BT, TR	Brownish-green, fine grained unoriented Fe tremolite-biotite assemblage. Local calcite veining.	
168.5	174	BT, TR	Brownish-green, fine grained unoriented Fe tremolite-biotite assemblage. Local calcite veining. More biotite than tremolite, gradual upper and lower contacts	
179.65	189.25	BT, TR	Brownish-green, fine grained unoriented Fe tremolite-biotite assemblage. Local calcite veining. Strongest alteration 180.65-185.95m. More biotite than tremolite.	
Mineralization				
90.2	103.65	PO	PO - trace to locally 1% fine to med disseminations	
110.4	169	PO	PO - trace to locally 1% fine to med disseminations	
185.95	189.25	PO	PO - trace to locally 1% fine to med disseminations	
189.25	**197.6**	**S3 + V4**	**Mix of Brownish-green colour, ultramafic as above and greywacke sediments. Mod to strongly foliated at 40-45deg TCA.. Narrow bands of graphitic mudstone 191.8-191.85m, 192-192.15m.**	**45**

Structure				
191.8	191.85	S6gp	Graphitic mudstone, fine grained, black colour, fine sulfide stringers and clots.	45
192	192.15	S6gp	Graphitic mudstone, fine grained, black colour, fine sulfide stringers and clots.	45
Alteration				
189.25	189.35	CALC-SI, AB-SIL	Brownish-green colour, fine to medium grain (1-2mm). Plagioclase matrix with Cr diopside-Cr tremolite with occasional Cr grossular. Pyrrhotite bearing. Mixed calc-sil and ab-sil s3.	
189.35	191.75	BT, TR	Brownish-green, fine grained unoriented Fe tremolite-biotite assemblage. Local calcite veining. More biotite than tremolite.	
192.2	195.8	CALC-SI, AB-SIL	Brownish-green colour, fine to medium grain (1-2mm). Plagioclase matrix with Cr diopside-Cr tremolite with occasional Cr grossular. Pyrrhotite bearing. Mixed calc-sil and ab-sil s3.	
196.05	197.6	CALC-SI, AB-SIL	Brownish-green colour, fine to medium grain (1-2mm). Plagioclase matrix with Cr diopside-Cr tremolite with occasional Cr grossular. Pyrrhotite bearing. Mixed calc-sil and ab-sil s3.	
Mineralization				
189.25	189.65	PY,PO, SPH	PY,PO,SPH: 2-3% sulfide overall, clotty and fine to med stringers of py,po,sph	
189.65	192.2	PY,PO, SPH	PY,PO,SPH: trace to 1% sulfide overall, clotty and fine to med stringers of py,po,sph	
192.2	195.8	PY,PO, SPH	PY,PO,SPH: 3-5% sulfide overall, clotty and fine to med stringers of py,po,sph	
194.25	194.25	XRF	XRF scan: 101ppm Ni, 295ppm Cu, 0.37% Zn	
195.55	195.55	XRF	XRF scan: 200ppm Co, 314ppm Cu, 0.67% Zn	
196.05	197.6	PY,PO, SPH	PY,PO,SPH: 3-5% sulfide overall, clotty and fine to med stringers of py,po,sph	
197.05	197.05	XRF	XRF scan: 0.3% Zn	
197.6	**210**	**S3**	**Dark grey, layered quartz-biotite-muscovite, fine to medium grained meta-sediments. Constant foliation parallel to bedding. Foliation 50deg TCA. Trace to 2% fine disseminated and stringer py+po background.**	**45**
Structure				
197.75	198.1	BLOCKY	blocky core	
Alteration				
207.15	210	AL-SIL	clusters of blue-grey al-silicate crystals present throughout, vary from 1-10mm in size, crystals often elongated in direction of foliation/bedding. Fine 1-3mm bt crystals around and along al-silicated crystals	
Mineralization				
197.6	198	PY,PO	PY,PO,SPH: 2-3% sulfide overall, clotty and fine to med stringers of py,po	
198	205	PY,PO	PY,PO,SPH: 1-3% sulfide overall, clotty and fine to med stringers of py,po	

SAMPLES			Surimeau - December 2021				SUR-21-29		PAGE: 4		
Sample	**From m**	**To m**	**Length**	**DESCRIPTION**	**Au g/t**						
67075	1.5	3	1.50	v4							
67076	3	4	1.00	v4 + ca-ab-bt + veinlets							
67077	4	5	1.00	v4 + ca-ab-bt + veinlets							
67078	5	6.5	1.50	v4 + ca-ab-bt + veinlets							
67079	6.5	8	1.50	v4 + ca-ab-bt + veinlets							
67080	8	9.5	1.50	v4							
67081	9.5	11	1.50	v4							
67082	11	12.5	1.50	v4							
67083	12.5	14	1.50	v4							
67084	14	15.5	1.50	v4							
67085	15.5	16.75	1.25	v4							
67086	16.75	18	1.25	v4 + bt							
67087	18	19.5	1.50	v4 + bt							
67088	19.5	20.8	1.30	v4 + bt							
67089	20.8	22.1	1.30	v4 + tr + bt							
67090	22.1	23.1	1.00	v4 + bt							
67091	23.1	24.5	1.40	v4 + bt							
67092				Quarter Cut of previous sample							
67093	24.5	25.65	1.15	v4 + bt							
67094	25.65	27	1.35	v4							
67095				Coarse Reject of previous sample							
67096	27	28.5	1.50	v4							
67097	28.5	30	1.50	v4							
67098	30	31.5	1.50	v4							
67099	31.5	33	1.50	v4							
67100	33	34.5	1.50	v4 + ab phenos							
67101	34.5	36	1.50	v4 + bt							
67102				Blank 1: Appalache Valley Pierre Decorative Stone							
67103	36	37.5	1.50	v4 + bt							
67104	37.5	39	1.50	v4 + bt							
67105	39	40.5	1.50	v4 + bt							
67106	40.5	42	1.50	v4 + bt + tr							
67107	42	43	1.00	v4 + bt + tr + ca-ab str							
67108	43	43.8	0.80	v4 + bt + tr							
67109	43.8	45	1.20	v4 + bt + tr							
67110	45	46.5	1.50	v4 + tr + bt + ca-ab veinlets							

67111	46.5	48	1.50	v4 + tr + bt + ca-ab veinlets
67112				Coarse Reject of previous sample
67113	48	49.5	1.50	v4 + tr + bt + ca-ab veinlets
67114	49.5	51	1.50	v4 + tr + bt + ca-ab veinlets
67115				Quarter Cut of previous samples
67116	51	52.5	1.50	v4 + tr + bt + ca-ab veinlets
67117	52.5	53.6	1.10	v4 + bt + tr
67118	53.6	55	1.40	v4 + bt + tr + qz-ab-ca str
67119	55	56.5	1.50	v4 + bt + tr + qz-ab-ca str
67120	56.5	57.4	0.90	v4 + bt + tr + qz-ab-ca str
67121	57.4	58.25	0.85	v4 + bt + tr + qz-ab-ca str
67122				Blank 1: Appalache Valley Pierre Decorative Stone
67123	58.25	59.5	1.25	v4 + bt
67124	59.5	60.9	1.40	v4 + bt
67125	60.9	62	1.10	v4 + bt + tr
67126	62	63	1.00	v4 + bt + tr
67127	63	64	1.00	v4 + bt + tr + ca str
67128	64	65.5	1.50	v4 + bt + tr + qz-ab-ca
67129	65.5	67	1.50	v4 + bt + tr + qz-ab-ca
67130	67	68.5	1.50	v4 + bt + tr + qz-ab-ca
67131	68.5	69.1	0.60	v4 + bt + tr + qz-ab-ca
67132	69.1	70.1	1.00	v4 + bt
67133	70.1	71.55	1.45	v4 + bt
67134	71.55	73	1.45	v4 + bt + tr + qz-ab str and veinlets
67135	73	74.5	1.50	v4 + bt + tr + qz-ab str and veinlets
67136	74.5	75.5	1.00	v4 + bt + tr + qz-ab str and veinlets + qz-ab vein
67137	75.5	77	1.50	v4 + bt + tr
67138	77	78	1.00	v4 + tr + bt + qz-ab veinlets + py-po
67139	78	79.5	1.50	v4 + tr + bt + qz-ab veinlets + py-po
67140	79.5	80.65	1.15	v4 + tr + bt + qz-ab veinlets + py-po
67141	80.65	82	1.35	v4 + tr + bt + qz-ab veinlets + py-po
67142				Quarter Cut of previous sample
67143	82	83	1.00	v4 + tr + bt + qz-ab veinlets + py-po + carb
67144	83	84	1.00	v4 + tr + bt + qz-ab veinlets + py-po + carb
67145				Coarse Reject of previous sample
67146	84	85.3	1.30	v4 + tr + bt + qz-ab veinlets + py-po
67147	85.3	86.9	1.60	v4 + tr + bt + qz-ab veinlets + py-po
67148	86.9	87.5	0.60	v4 + calc-sil + ca + bt + tr + py-po
67149	87.5	88.65	1.15	v4 + calc-sil + ca + bt + tr + py-po
67150	88.65	89.65	1.00	v4 + calc-sil + bt + tr + cr-dio + py-po-pent stringers/diss
67151	89.65	90.2	0.55	v4 + bt + tr + ca + py-po

67152				Blank 1: Appalache Valley Pierre Decorative Stone
67153	90.2	91	0.80	v4 + po
67154	91	92.5	1.50	v4 + po
67155	92.5	94	1.50	v4 + po
67156	94	95.5	1.50	v4 + po + xeno
67157	95.5	97	1.50	v4 + po + xeno
67158	97	98.5	1.50	v4 + po + xeno
67159	98.5	100	1.50	v4 + po + xeno
67160	100	101.5	1.50	v4 + po + blocky
67161	101.5	103	1.50	v4 + po
67162				Coarse Reject of previous sample
67163	103	104.4	1.40	v4 + blocky
67164	104.4	105.6	1.20	v4
67165				Quarter Cut of previous samples
67166	105.6	106.5	0.90	v4 + bt
67167	106.5	107.4	0.90	v4 + bt + tr
67168	107.4	108.3	0.90	v4 + bt + tr + blocky
67169	108.3	109.05	0.75	v4 + bt + tr + blocky
67170	109.05	110.4	1.35	v4 + bt + tr + ca str + vbx
67171	110.4	111.5	1.10	v4 + tr po
67172				Blank 1: Appalache Valley Pierre Decorative Stone
67173	111.5	113	1.50	v4 + tr po
67174	113	114	1.00	v4 + r + tr ca str
67175	114	115.5	1.50	v4
67176	115.5	117	1.50	v4
67177	117	118.5	1.50	v4
67178	118.5	120	1.50	v4
67179	120	121.5	1.50	v4
67180	121.5	122.5	1.00	v4 + bt + tr
67181	122.5	124	1.50	v4 + tr po
67182	124	125.45	1.45	v4 + tr po
67183	125.45	126.5	1.05	v4 + tr + bt
67184	126.5	128	1.50	v4 + tr + bt
67185	128	129	1.00	v4 + tr po
67186	129	130	1.00	v4 + tr + bt + ca str
67187	130	130.65	0.65	v4 + tr + bt + ca str
67188	130.65	132	1.35	v4 + tr + tr po
67189	132	133.3	1.30	v4
67190	133.3	134.5	1.20	v4 + tr + bt + ca str + vbx
67191	134.5	135.5	1.00	v4 + tr + bt + ca str + vbx
67192				Quarter Cut of previous sample

67193	135.5	136.4	0.90	v4 + bt
67194	136.4	137.5	1.10	v4 + bt + tr + blocky
67195				Coarse Reject of previous sample
67196	137.5	138.5	1.00	v4 + bt
67197	138.5	140	1.50	v4 + xenos + tr po
67198	140	141.5	1.50	v4 + xenos + tr po
67199	141.5	143	1.50	v4 + xenos + tr po
67200	143	144	1.00	v4 + xenos + tr po
67201	144	145.1	1.10	v4 + tr + bt
67202				Blank 1: Appalache Valley Pierre Decorative Stone
67203	145.1	146	0.90	v4 + tr + bt + ca str
67204	146	147	1.00	v4 + tr + bt + ca str
67205				Standard-1: GEOSTATS GMB300-10C email : pjh@geostats.com.au
67206	147	148.45	1.45	v4 + tr + bt + ca str
67207	148.45	149.9	1.45	v4 + bt + tr po
67208	149.9	151	1.10	v4 + tr po
67209	151	152.5	1.50	v4 + tr po
67210	152.5	154	1.50	v4 + tr po
67211	154	155.5	1.50	v4 + tr po
67212				Coarse Reject of previous sample
67213	155.5	157	1.50	v4 + tr po
67214	157	157.9	0.90	v4 + tr po
67215				Quarter Cut of previous samples
67216	157.9	158.8	0.90	v4 + tr po
67217	158.8	160	1.20	v4 + tr + bt + tr po
67218	160	161.25	1.25	v4 + tr + bt + tr po
67219	161.25	162.55	1.30	v4
67220	162.55	164.1	1.55	v4 + blocky
67221	164.1	165.5	1.40	v4 + xeno's + r po
67222				Blank 1: Appalache Valley Pierre Decorative Stone
67223	165.5	167	1.50	v4 + xeno's + r po
67224	167	168.5	1.50	v4 + xeno's + r po
67225	168.5	169.5	1.00	v4 + tr
67226	169.5	170.75	1.25	v4 + tr + tr bt
67227	170.75	171.5	0.75	v4 + tr + tr bt + blocky
67228	171.5	172.6	1.10	v4 + tr + tr bt + blocky
67229	172.6	174	1.40	v4 + tr
67230	174	175.5	1.50	v4
67231	175.5	177	1.50	v4
67232	177	178.5	1.50	v4 + xeno
67233	178.5	179.65	1.15	v4

67234	179.65	180.65	1.00	v4 + tr
67235	180.65	182	1.35	v4 + tr + bt
67236	182	183	1.00	v4 + tr + bt
67237	183	184	1.00	v4 + tr + bt + ca str
67238	184	185	1.00	v4 + tr + bt
67239	185	185.95	0.95	v4 + tr + bt
67240	185.95	187	1.05	v4 + tr po + tr bt
67241	187	188	1.00	v4 + tr po + tr bt
67242				Quarter Cut of previous sample
67243	188	189.25	1.25	v4 + tr po + tr bt
67244	189.25	190.5	1.25	s3-v4 + ab-sil + sulfide + bt + ca
67245				Coarse Reject of previous sample
67246	190.5	191.75	1.25	s3-v4 + bt + ca
67247	191.75	192.2	0.45	s3 + s6gp + chl/tr
67248	192.2	193.2	1.00	s3 + ab-sil + sulfide
67249	193.2	194.2	1.00	s3 + ab-sil + sulfide
67250	194.2	195	0.80	s3 + ab-sil + sulfide
67251	195	196.05	1.05	s3 + ab-sil + sulfide
67252				Blank 1: Appalache Valley Pierre Decorative Stone
67253	196.05	196.7	0.65	s3 + ab-sil + sulfide
67254	196.7	197.6	0.90	s3 + ab-sil + sulfide + tr
67255	197.6	198.5	0.90	s3-s6 + py-po
67256	198.5	199.5	1.00	s3-s6 + py-po
67257	199.5	200.3	0.80	s3-s6 + py-po
67258	200.3	201.85	1.55	s3 + ab-sil + py + bt
67259	201.85	202	0.15	s3 + py
67260	202	203.5	1.50	s3 + py
67261	203.5	205	1.50	s3 + py
67262				Coarse Reject of previous sample
67263	205	206.5	1.50	s3
67264	206.5	207.15	0.65	s3
67265				Quarter Cut of previous samples
67266	207.15	208.7	1.55	s3 + al-sil
67267	208.7	210	1.30	s3 + al-sil

RQD			Surimeau - December 2021		SUR-21-29	PAGE: 3
FROM	TO	Length Core Run	Σ pieces >10cm	RQD %		
1.5	3	1.5	1.5	100.00		
3	6	3	2.8	93.33		
6	9	3	2.9	96.67		
9	12	3	2.9	96.67		
12	15	3	3	100.00		
15	18	3	2.9	96.67		
18	21	3	2.85	95.00		
21	24	3	2.75	91.67		
24	27	3	2.8	93.33		
27	30	3	2.9	96.67	82.31	
30	33	3	3	100.00		
33	36	3	3	100.00		
36	39	3	2.7	90.00		
39	42	3	2.9	96.67		
42	45	3	2.85	95.00		
45	48	3	2.9	96.67		
48	51	3	3	100.00		
51	54	3	2.9	96.67		
54	57	3	2.95	98.33		
57	60	3	2.65	88.33		
60	63	3	2.6	86.67		
63	66	3	2.9	96.67		
66	69	3	3	100.00		
69	72	3	3	100.00		
72	75	3	3	100.00		
75	78	3	3	100.00		
78	81	3	2.8	93.33		
81	84	3	3	100.00		
84	87	3	3	100.00		
87	90	3	2.65	88.33		
90	93	3	2.5	83.33		

93	96	3	2.85	95.00
96	99	3	2.9	96.67
99	102	3	2.5	83.33
102	105	3	2.55	85.00
105	108	3	2.4	80.00
108	111	3	2.15	71.67
111	114	3	3	100.00
114	117	3	3	100.00
117	120	3	2.9	96.67
120	123	3	3	100.00
123	126	3	2.9	96.67
126	129	3	2.7	90.00
129	132	3	2.9	96.67
132	135	3	3	100.00
135	138	3	2.6	86.67
138	141	3	2.75	91.67
141	144	3	2.8	93.33
144	147	3	3	100.00
147	150	3	2.75	91.67
150	153	3	3	100.00
153	156	3	3	100.00
156	159	3	3	100.00
159	162	3	2.4	80.00
162	165	3	2.4	80.00
165	168	3	3	100.00
168	171	3	2.8	93.33
171	174	3	2.9	96.67
174	177	3	3	100.00
177	180	3	3	100.00
180	183	3	3	100.00
183	186	3	2.9	96.67
186	189	3	2.9	96.67
189	192	3	2.9	96.67
192	195	3	2.8	93.33
195	198	3	2.35	78.33
198	201	3	2.6	86.67
201	204	3	2.9	96.67
204	207	3		0.00
207	210	3		0.00
210	213	3		0.00

213	216	3	0.00
216	219	3	0.00
219	222	3	0.00
222	225	3	0.00
225	228	3	0.00
228	231	3	0.00
231	234	3	0.00

Box Lengths			Surimeau - December 2021				SUR-21-29			PAGE: 5	
DDH	Box Number	From m	To m	Box Length	DDH	Box Number	From m	To m	Box Length		
SUR-21-29	1	1.5	5.25	3.75							
SUR-21-29	2	5.25	9.5	4.25							
SUR-21-29	3	9.5	13.8	4.3							
SUR-21-29	4	13.8	18	4.2							
SUR-21-29	5	18	22.1	4.1							
SUR-21-29	6	22.1	26.2	4.1							
SUR-21-29	7	26.2	30.45	4.25							
SUR-21-29	8	30.45	34.9	4.45							
SUR-21-29	9	34.9	39	4.1							
SUR-21-29	10	39	43.4	4.4							
SUR-21-29	11	43.4	47.6	4.2							
SUR-21-29	12	47.6	51.85	4.25							
SUR-21-29	13	51.85	56	4.15							
SUR-21-29	14	56	60.25	4.25							
SUR-21-29	15	60.25	64.55	4.3							
SUR-21-29	16	64.55	68.8	4.25							
SUR-21-29	17	68.8	73.1	4.3							
SUR-21-29	18	73.1	77.3	4.2							
SUR-21-29	19	77.3	81.6	4.3							
SUR-21-29	20	81.6	86	4.4							
SUR-21-29	21	86	90.05	4.05							
SUR-21-29	22	90.05	94.3	4.25							
SUR-21-29	23	94.3	98.6	4.3							
SUR-21-29	24	98.6	102.95	4.35							
SUR-21-29	25	102.95	107.2	4.25							
SUR-21-29	26	107.2	111.2	4							
SUR-21-29	27	111.2	115.5	4.3							
SUR-21-29	28	115.5	119.6	4.1							
SUR-21-29	29	119.6	123.8	4.2							
SUR-21-29	30	123.8	128	4.2							
SUR-21-29	31	128	132.25	4.25							

SUR-21-29	32	132.25	136.7	4.45
SUR-21-29	33	136.7	141	4.3
SUR-21-29	34	141	145.3	4.3
SUR-21-29	35	145.3	149.5	4.2
SUR-21-29	36	149.5	153.85	4.35
SUR-21-29	37	153.85	158.1	4.25
SUR-21-29	38	158.1	162.4	4.3
SUR-21-29	39	162.4	166.75	4.35
SUR-21-29	40	166.75	170.85	4.1
SUR-21-29	41	170.85	175.2	4.35
SUR-21-29	42	175.2	179.6	4.4
SUR-21-29	43	179.6	183.8	4.2
SUR-21-29	44	183.8	188.1	4.3
SUR-21-29	45	188.1	192.4	4.3
SUR-21-29	46	192.4	196.65	4.25
SUR-21-29	47	196.65	201	4.35
SUR-21-29	48	201	205.2	4.2
SUR-21-29	49	205.2	209.6	4.4
SUR-21-29	50	209.6	210	0.4