

**REPORT  
on the  
2022 DIAMOND DRILLING PROGRAM  
at the  
SURIMEAU PROPERTY  
ABITIBI-TÉMISCAMINGUE, QUÉBEC**

**For**

**RENFORTH RESOURCES INC.**

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## TABLE OF CONTENTS

1.0	SUMMARY .....	1
2.0	INTRODUCTION .....	1
3.0	PROPERTY DESCRIPTION AND LOCATION .....	4
4.0	ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE & PHYSIOGRAPHY .....	27
5.0	HISTRY .....	28
6.0	GEOLOGICAL SETTING .....	36
7.0	DEPOSIT TYPES .....	37
8.0	MINERALIZATION .....	39
9.0	EXPLORATION .....	42
10.0	SAMPLE PREPARATION, ANALYSIS AND SECURITY .....	57
11.0	ADJACENT PROPERTIES .....	57
12.0	INTERPRETATIONS AND CONCLUSIONS .....	60
13.0	RECOMMENDATIONS .....	62
14.0	REFERENCES .....	63
15.0	DATE AND SIGNATURE PAGE .....	65
16.0	APPENDICES .....	66

## List of Figures

Figure 1 Property Location.....	25
Figure 2 Claim Details .....	26
Figure 3 Regional Geology .....	40
Figure 4 Property Geology .....	41
Figure 5 Locations of 2022 <i>Lalonde</i> drillholes .....	55
Figure 6 Locations of 2022 Victoria Drillholes.....	56
Figure 7 Adjacent Properties .....	59

## List of Tables

Table 1 Terms of Reference.....	2
Table 2 Surimeau Claim Details .....	6
Table 3 Property History.....	30
Table 4 Details of 2021 Drillholes.....	43
Table 5 Notable Drillhole Intervals from the Lalonde portion of the 2022 DDH Program.....	50
Table 6 Notable Drillhole Intervals from the Victoria portion of the 2022 DDH Program.....	52
Table 7 Notable Ag Intervals from the Lalonde portion of the 2022 DDH Program.....	54
Table 8 Notable Ag and Au Intervals from Victoria portion of the 2022 DDH Program at Victoria .....	54

## **1.0 SUMMARY**

Minroc Management Limited (Minroc) was retained by Renforth Resources Inc. (Renforth) to complete a diamond drill program in November to December of 2022 in the Lalonde and Victoria areas of the Surimeau Property near Malartic, Québec. The purpose of this report is to present all material technical information pertaining to this exploration work for assessment filing.

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

## **2.0 INTRODUCTION**

Minroc Management Limited (Minroc) was retained by Renforth Resources Inc. (Renforth) to complete a drill program during the period November to December 2022 in the Lalonde and Victoria areas of the Surimeau Property near Malartic, Québec.

The purpose of the Lalonde portion of this drill program was to test for depth extensions of known and newly discovered surface mineralization, to test and better locate strike continuations inferred from geophysics and prospecting, to undercut trenches and outcrops with known mineralization, and build upon the 2020-2021 Minroc sampling programs. This program is the first drilling Renforth has done in the Lalonde area of the Surimeau property.

The purpose of the Victoria portion of this drill program was to test: 1) the Victoria magnetic structures, interpreted as an east-west suite of volcano sedimentary units which are fertile for massive sulphides and intruded with nickeliferous ultramafic sills, set within the wider Pontiac greywackes and/or mica schists with a shallow geophysical anomaly identified during the recent airborne geophysical program; and 2) to test features and mineralization observed on surface from prospecting and trenching, including a northern band of mineralization discovered during summer prospecting work.

All material technical information pertaining to this exploration work is presented for assessment filing.

Drilling took place from November 19<sup>th</sup> to December 13<sup>th</sup>, 2022. A total of 3,076.7 m were drilled. A total of 1,842 samples were taken, including 237 QA/QC samples.

### **2.1 *Terms of Reference***

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



**Table 1 Terms of Reference**

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

<b>t</b>	Tonne (weight)
<b>UTM</b>	Universal Transverse Mercator (coordinate reference system)
<b>VLF</b>	Very Low Frequency (electromagnetic survey method)
<b>VMS</b>	Volcanogenic Massive Sulphide (base metal deposit type)
<b>Zn</b>	Zinc (chemical symbol)

## **3.0 PROPERTY DESCRIPTION AND LOCATION**

### **3.1 Location**

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

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

### **3.2 Description of Mineral Tenure**

The Surimeau Property consists of 540 “CDC” map-staked Mining Claims with a total area of 30,327 hectares. The claims are contiguous. All claims form standard map-staked rectangles except for two in Fournière Township which are cut at the boundary of a protected wetland area.

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

### **3.3 Nature of Issuer’s Title**

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

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

### **3.4 Royalties**

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

### **3.5 Environmental liabilities**

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

### **3.6 Permits Required**

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

### **3.7 Other Factors**

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

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

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

**Table 2 Surimeau Claim Details**

Claim	Area Ha	Staked	Date Due	Work Done	Work Req'd	Holder	Notes
2283292	57.46	2011-04-27	2023-10-31	\$34,262.07	\$2,500.00	Renforth Resources Inc.	Lac Surimau Au area
2283293	57.45	2011-04-27	2023-10-31	\$43,921.29	\$2,500.00	Renforth Resources Inc.	
2283294	30.23	2011-04-27	2023-10-31	\$0.00	\$2,500.00	Renforth Resources Inc.	Lac Surimau Au area
2330111	57.43	2012-01-12	2025-01-11	\$0.00	\$1,800.00	Renforth Resources Inc.	Lac Surimau Au area
2330112	57.43	2012-01-12	2025-01-11	\$0.00	\$1,800.00	Renforth Resources Inc.	
2386144	57.47	2013-06-04	2024-06-03	\$19,846.81	\$1,800.00	Renforth Resources Inc.	Centre Au Targets
2386145	57.48	2013-06-04	2024-06-03	\$19,846.81	\$1,800.00	Renforth Resources Inc.	Centre Au Targets
2386146	57.47	2013-06-04	2024-06-03	\$24,915.29	\$1,800.00	Renforth Resources Inc.	
2386147	57.47	2013-06-04	2024-06-03	\$20,626.58	\$1,800.00	Renforth Resources Inc.	
2386148	8.6	2013-06-04	2024-06-03	\$0.00	\$750.00	Renforth Resources Inc.	
2391626	14.88	2013-10-09	2024-10-08	\$0.00	\$750.00	Renforth Resources Inc.	
2397264	57.48	2014-01-10	2025-01-09	\$15,917.86	\$1,800.00	Renforth Resources Inc.	
2397456	57.46	2014-01-30	2024-06-05	\$62,954.76	\$2,500.00	Renforth Resources Inc.	
2397457	57.46	2014-01-30	2024-06-05	\$59,177.53	\$2,500.00	Renforth Resources Inc.	
2397458	57.46	2014-01-30	2024-06-05	\$56,615.46	\$2,500.00	Renforth Resources Inc.	
2397459	57.45	2014-01-30	2024-06-05	\$42,859.06	\$2,500.00	Renforth Resources Inc.	
2397460	26	2014-01-30	2024-06-05	\$17,130.23	\$2,500.00	Renforth Resources Inc.	
2397461	13.48	2014-01-30	2024-06-05	\$9,302.80	\$1,000.00	Renforth Resources Inc.	
2397462	4.09	2014-01-30	2024-06-05	\$1,620.98	\$1,000.00	Renforth Resources Inc.	
2397463	53.28	2014-01-30	2024-06-05	\$39,447.63	\$2,500.00	Renforth Resources Inc.	Centre Au Targets
2397464	26.32	2014-01-30	2024-06-05	\$17,392.03	\$2,500.00	Renforth Resources Inc.	
2397465	8.91	2014-01-30	2024-06-05	\$5,564.14	\$1,000.00	Renforth Resources Inc.	Laurin area
2397767	57.53	2014-01-20	2025-01-19	\$0.00	\$1,800.00	Renforth Resources Inc.	
2397768	57.52	2014-01-20	2025-01-19	\$0.00	\$1,800.00	Renforth Resources Inc.	
2397769	57.51	2014-01-20	2025-01-19	\$0.00	\$1,800.00	Renforth Resources Inc.	
2397770	57.51	2014-01-20	2025-01-19	\$0.00	\$1,800.00	Renforth Resources Inc.	

<b>2397771</b>	57.5	2014-01-20	2025-01-19	\$7,622.85	\$1,800.00	Renforth Resources Inc.	
<b>2397772</b>	57.5	2014-01-20	2025-01-19	\$4,893.44	\$1,800.00	Renforth Resources Inc.	
<b>2397773</b>	57.49	2014-01-20	2025-01-19	\$15,527.98	\$1,800.00	Renforth Resources Inc.	Lac Surimau Au area
<b>2397774</b>	57.49	2014-01-20	2025-01-19	\$21,285.16	\$1,800.00	Renforth Resources Inc.	
<b>2397775</b>	57.48	2014-01-20	2025-01-19	\$15,527.98	\$1,800.00	Renforth Resources Inc.	
<b>2399631</b>	57.53	2014-02-14	2025-02-13	\$0.00	\$1,800.00	Renforth Resources Inc.	
<b>2399632</b>	57.52	2014-02-14	2025-02-13	\$0.00	\$1,800.00	Renforth Resources Inc.	
<b>2429422</b>	57.44	2015-06-19	2024-06-18	\$0.00	\$1,800.00	Renforth Resources Inc.	
<b>2429423</b>	57.44	2015-06-19	2024-06-18	\$0.00	\$1,800.00	Renforth Resources Inc.	
<b>2429424</b>	57.43	2015-06-19	2024-06-18	\$0.00	\$1,800.00	Renforth Resources Inc.	
<b>2429425</b>	57.43	2015-06-19	2024-06-18	\$0.00	\$1,800.00	Renforth Resources Inc.	
<b>2441650</b>	57.46	2016-04-18	2023-04-17	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2441651</b>	57.45	2016-04-18	2023-04-17	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2441652</b>	57.44	2016-04-18	2023-04-17	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2455025</b>	57.53	2016-07-27	2023-07-26	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2455026</b>	57.53	2016-07-27	2023-07-26	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2455027</b>	57.52	2016-07-27	2023-07-26	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2455028</b>	57.52	2016-07-27	2023-07-26	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2455029</b>	57.52	2016-07-27	2023-07-26	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2455030</b>	57.51	2016-07-27	2023-07-26	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2455031</b>	57.51	2016-07-27	2023-07-26	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2455032</b>	57.51	2016-07-27	2023-07-26	\$1,139.30	\$1,200.00	Renforth Resources Inc.	
<b>2455033</b>	57.51	2016-07-27	2023-07-26	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2455034</b>	57.5	2016-07-27	2023-07-26	\$6,693.44	\$1,200.00	Renforth Resources Inc.	
<b>2455035</b>	57.5	2016-07-27	2023-07-26	\$15,768.21	\$1,200.00	Renforth Resources Inc.	
<b>2455036</b>	57.5	2016-07-27	2023-07-26	\$16,517.62	\$1,200.00	Renforth Resources Inc.	
<b>2455037</b>	57.5	2016-07-27	2023-07-26	\$20,474.34	\$1,200.00	Renforth Resources Inc.	
<b>2455038</b>	57.5	2016-07-27	2023-07-26	\$19,246.81	\$1,200.00	Renforth Resources Inc.	
<b>2455039</b>	57.49	2016-07-27	2023-07-26	\$19,216.69	\$1,200.00	Renforth Resources Inc.	
<b>2455040</b>	57.49	2016-07-27	2023-07-26	\$20,955.98	\$1,200.00	Renforth Resources Inc.	

<b>2455041</b>	57.49	2016-07-27	2023-07-26	\$19,545.86	\$1,200.00	Renforth Resources Inc.	
<b>2455042</b>	57.49	2016-07-27	2023-07-26	\$19,636.22	\$1,200.00	Renforth Resources Inc.	
<b>2455043</b>	57.49	2016-07-27	2023-07-26	\$19,667.27	\$1,200.00	Renforth Resources Inc.	
<b>2455044</b>	57.49	2016-07-27	2023-07-26	\$19,545.86	\$1,200.00	Renforth Resources Inc.	
<b>2455045</b>	57.48	2016-07-27	2023-07-26	\$16,548.21	\$1,200.00	Renforth Resources Inc.	
<b>2455046</b>	57.48	2016-07-27	2023-07-26	\$19,277.40	\$1,200.00	Renforth Resources Inc.	
<b>2455047</b>	57.48	2016-07-27	2023-07-26	\$16,937.16	\$1,200.00	Renforth Resources Inc.	
<b>2455048</b>	57.48	2016-07-27	2023-07-26	\$21,226.82	\$1,200.00	Renforth Resources Inc.	
<b>2455049</b>	57.48	2016-07-27	2023-07-26	\$21,616.70	\$1,200.00	Renforth Resources Inc.	
<b>2455050</b>	57.48	2016-07-27	2023-07-26	\$22,786.35	\$1,200.00	Renforth Resources Inc.	
<b>2455051</b>	57.47	2016-07-27	2023-07-26	\$18,887.53	\$1,200.00	Renforth Resources Inc.	
<b>2455052</b>	57.47	2016-07-27	2023-07-26	\$20,447.06	\$1,200.00	Renforth Resources Inc.	
<b>2455053</b>	57.47	2016-07-27	2023-07-26	\$21,616.70	\$1,200.00	Renforth Resources Inc.	
<b>2455054</b>	57.47	2016-07-27	2023-07-26	\$24,345.88	\$1,200.00	Renforth Resources Inc.	
<b>2455055</b>	57.46	2016-07-27	2023-07-26	\$20,026.82	\$1,200.00	Renforth Resources Inc.	
<b>2455056</b>	57.46	2016-07-27	2023-07-26	\$23,176.23	\$1,200.00	Renforth Resources Inc.	
<b>2455057</b>	57.46	2016-07-27	2023-07-26	\$22,006.59	\$1,200.00	Renforth Resources Inc.	
<b>2455058</b>	57.47	2016-07-27	2023-07-26	\$23,176.24	\$1,200.00	Renforth Resources Inc.	
<b>2455059</b>	57.45	2016-07-27	2023-07-26	\$20,057.17	\$1,200.00	Renforth Resources Inc.	
<b>2455060</b>	57.46	2016-07-27	2023-07-26	\$16,036.94	\$1,200.00	Renforth Resources Inc.	
<b>2455061</b>	57.45	2016-07-27	2023-07-26	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2455062</b>	57.45	2016-07-27	2023-07-26	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2455063</b>	57.47	2016-07-27	2023-07-26	\$19,277.41	\$1,200.00	Renforth Resources Inc.	
<b>2455064</b>	57.47	2016-07-27	2023-07-26	\$17,717.88	\$1,200.00	Renforth Resources Inc.	
<b>2455065</b>	57.46	2016-07-27	2023-07-26	\$19,277.41	\$1,200.00	Renforth Resources Inc.	
<b>2455066</b>	57.46	2016-07-27	2023-07-26	\$22,006.58	\$1,200.00	Renforth Resources Inc.	
<b>2455067</b>	57.45	2016-07-27	2023-07-26	\$1,139.30	\$1,200.00	Renforth Resources Inc.	
<b>2455068</b>	57.45	2016-07-27	2023-07-26	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2455069</b>	57.45	2016-07-27	2023-07-26	\$15,839.04	\$1,200.00	Renforth Resources Inc.	
<b>2455070</b>	57.44	2016-07-27	2023-07-26	\$749.41	\$1,200.00	Renforth Resources Inc.	Victoria area

2455071	57.44	2016-07-27	2023-07-26	\$0.00	\$1,200.00	Renforth Resources Inc.	Victoria area
2455072	57.44	2016-07-27	2023-07-26	\$0.00	\$1,200.00	Renforth Resources Inc.	Victoria area
2455073	57.45	2016-07-27	2023-07-26	\$0.00	\$1,200.00	Renforth Resources Inc.	Victoria area
2455074	57.44	2016-07-27	2023-07-26	\$691.02	\$1,200.00	Renforth Resources Inc.	Victoria area
2455075	57.44	2016-07-27	2023-07-26	\$719.06	\$1,200.00	Renforth Resources Inc.	Victoria area
2455076	57.44	2016-07-27	2023-07-26	\$359.53	\$1,200.00	Renforth Resources Inc.	Victoria area
2455077	57.44	2016-07-27	2023-07-26	\$0.00	\$1,200.00	Renforth Resources Inc.	
2455078	57.43	2016-07-27	2023-07-26	\$131.28	\$1,200.00	Renforth Resources Inc.	Victoria area
2455079	57.43	2016-07-27	2023-07-26	\$0.00	\$1,200.00	Renforth Resources Inc.	Victoria area
2455080	57.43	2016-07-27	2023-07-26	\$749.41	\$1,200.00	Renforth Resources Inc.	Victoria area
2455081	57.43	2016-07-27	2023-07-26	\$651.02	\$1,200.00	Renforth Resources Inc.	Victoria area
2471222	57.53	2016-12-29	2023-12-28	\$0.00	\$1,200.00	Renforth Resources Inc.	Victoria area
2544259	57.51	2019-10-08	2023-10-07	\$0.00	\$1,200.00	Renforth Resources Inc.	Victoria area
2544260	57.5	2019-10-08	2023-10-07	\$0.00	\$1,200.00	Renforth Resources Inc.	Victoria area
2544261	57.5	2019-10-08	2023-10-07	\$0.00	\$1,200.00	Renforth Resources Inc.	
2544262	57.49	2019-10-08	2023-10-07	\$0.00	\$1,200.00	Renforth Resources Inc.	Victoria area
2546976	57.55	2019-11-25	2023-11-24	\$0.00	\$1,200.00	Renforth Resources Inc.	Lalonde area
2546977	57.55	2019-11-25	2023-11-24	\$0.00	\$1,200.00	Renforth Resources Inc.	Lalonde area
2546978	57.55	2019-11-25	2023-11-24	\$0.00	\$1,200.00	Renforth Resources Inc.	
2546979	57.55	2019-11-25	2023-11-24	\$0.00	\$1,200.00	Renforth Resources Inc.	Lalonde area
2546980	57.55	2019-11-25	2023-11-24	\$0.00	\$1,200.00	Renforth Resources Inc.	Lalonde area
2546981	57.55	2019-11-25	2023-11-24	\$0.00	\$1,200.00	Renforth Resources Inc.	Lalonde area
2546982	57.55	2019-11-25	2023-11-24	\$0.00	\$1,200.00	Renforth Resources Inc.	Victoria area
2546983	57.55	2019-11-25	2023-11-24	\$0.00	\$1,200.00	Renforth Resources Inc.	
2546984	57.54	2019-11-25	2023-11-24	\$0.00	\$1,200.00	Renforth Resources Inc.	
2546985	57.54	2019-11-25	2023-11-24	\$0.00	\$1,200.00	Renforth Resources Inc.	
2546986	57.54	2019-11-25	2023-11-24	\$0.00	\$1,200.00	Renforth Resources Inc.	
2546987	57.54	2019-11-25	2023-11-24	\$0.00	\$1,200.00	Renforth Resources Inc.	
2546988	57.54	2019-11-25	2023-11-24	\$0.00	\$1,200.00	Renforth Resources Inc.	
2546989	57.54	2019-11-25	2023-11-24	\$0.00	\$1,200.00	Renforth Resources Inc.	



2546990	57.54	2019-11-25	2023-11-24	\$0.00	\$1,200.00	Renforth Resources Inc.	
2546991	57.55	2019-11-25	2023-11-24	\$0.00	\$1,200.00	Renforth Resources Inc.	
2548450	57.54	2019-12-17	2023-12-16	\$0.00	\$1,200.00	Renforth Resources Inc.	
2548451	57.52	2019-12-17	2023-12-16	\$0.00	\$1,200.00	Renforth Resources Inc.	
2548452	57.52	2019-12-17	2023-12-16	\$0.00	\$1,200.00	Renforth Resources Inc.	Colonie area
2548453	57.52	2019-12-17	2023-12-16	\$0.00	\$1,200.00	Renforth Resources Inc.	Colonie area
2548454	57.51	2019-12-17	2023-12-16	\$0.00	\$1,200.00	Renforth Resources Inc.	Colonie area
2548455	57.51	2019-12-17	2023-12-16	\$0.00	\$1,200.00	Renforth Resources Inc.	Colonie area
2548456	57.51	2019-12-17	2023-12-16	\$0.00	\$1,200.00	Renforth Resources Inc.	Colonie area
2561156	57.54	2020-03-27	2024-03-26	\$0.00	\$1,200.00	Renforth Resources Inc.	Colonie area
2562193	57.55	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	Colonie area
2562194	57.56	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	Colonie area
2562195	57.56	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
2562196	57.56	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
2562197	57.56	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
2562198	57.56	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
2562199	57.56	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
2562200	57.56	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
2562201	57.56	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
2562202	57.56	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
2562203	57.56	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
2562204	57.56	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
2562205	57.56	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
2562206	57.56	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	Colonie area
2562207	57.56	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	Colonie area
2562208	57.56	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	Colonie area
2562209	57.56	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	Colonie area
2562210	57.56	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	Colonie area
2562211	57.56	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	Colonie area
2562212	57.55	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	

<b>2562213</b>	57.55	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562214</b>	57.55	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562215</b>	57.55	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562216</b>	57.55	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562217</b>	57.55	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	Centre Au Targets
<b>2562218</b>	57.55	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562219</b>	57.55	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562220</b>	57.55	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562221</b>	57.55	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562222</b>	57.55	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562223</b>	57.55	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562224</b>	57.55	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562225</b>	57.55	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562226</b>	57.55	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562227</b>	57.55	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562228</b>	57.55	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562229</b>	57.54	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562230</b>	57.54	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562231</b>	57.54	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562232</b>	57.54	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562233</b>	57.54	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562234</b>	57.54	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	Lalonde area
<b>2562235</b>	57.54	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562236</b>	57.54	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562237</b>	57.54	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562238</b>	57.54	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562239</b>	57.54	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562240</b>	57.54	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562241</b>	57.53	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562242</b>	57.53	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	

<b>2562243</b>	57.53	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	Abuts protected wetland
<b>2562244</b>	57.53	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	Colonie area. Abuts protected wetland
<b>2562245</b>	57.53	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562246</b>	57.52	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562247</b>	57.52	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562248</b>	57.52	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562249</b>	57.52	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562250</b>	57.52	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562251</b>	57.51	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562252</b>	57.51	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562253</b>	57.51	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562254</b>	57.51	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562255</b>	57.51	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562256</b>	57.5	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562257</b>	57.5	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562258</b>	57.49	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2562259</b>	57.49	2020-04-16	2023-04-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2569179</b>	48.18	2020-06-16	2023-06-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2569180</b>	39.73	2020-06-16	2023-06-15	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2572765</b>	57.49	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2572766</b>	57.49	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2572767</b>	57.48	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2572768</b>	57.48	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2572769</b>	57.48	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2572770</b>	57.48	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2572771</b>	57.48	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2572772</b>	57.48	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.	
<b>2572773</b>	57.47	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.	

2572774	57.47	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.	
2572775	57.47	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.	
2572776	57.47	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.	
2572777	57.47	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.	
2572778	57.47	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.	
2572779	57.46	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.	
2572780	57.46	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.	
2572781	57.46	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.	
2572782	57.46	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.	
2572783	57.51	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.	
2572784	57.51	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.	
2572785	57.5	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.	Huston area
2572786	57.5	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.	
2572787	57.5	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.	
2572788	57.49	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.	
2572789	57.49	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.	
2572790	57.48	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.	
2572791	57.45	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.	
2572795	57.46	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.	
2572796	57.46	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.	
2572797	57.46	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.	
2572798	57.46	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.	
2572799	57.45	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.	
2572800	57.45	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.	
2572801	57.45	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.	
2572802	57.45	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.	
2572803	57.45	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.	
2572804	57.45	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.	
2572805	57.45	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.	
2572806	57.45	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.	





<b>2572901</b>	57.42	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2572902</b>	57.42	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2572903</b>	57.42	2020-07-17	2023-07-16	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2576871</b>	57.48	2020-08-21	2023-08-20	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2576872</b>	57.47	2020-08-21	2023-08-20	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2581506</b>	12.31	2020-09-15	2023-09-14	\$0.00	\$500.00	Renforth Resources Inc.
<b>2581507</b>	36.44	2020-09-15	2023-09-14	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2581508</b>	55	2020-09-15	2023-09-14	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2581509</b>	50.05	2020-09-15	2023-09-14	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2581510</b>	51.36	2020-09-15	2023-09-14	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2586695</b>	57.56	2020-11-03	2023-11-02	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2586696</b>	57.53	2020-11-03	2023-11-02	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2586697</b>	57.53	2020-11-03	2023-11-02	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2586698</b>	57.53	2020-11-03	2023-11-02	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2586699</b>	57.53	2020-11-03	2023-11-02	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2586700</b>	57.53	2020-11-03	2023-11-02	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2586701</b>	57.53	2020-11-03	2023-11-02	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2586702</b>	57.53	2020-11-03	2023-11-02	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2586703</b>	57.54	2020-11-03	2023-11-02	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2586704</b>	57.54	2020-11-03	2023-11-02	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2586705</b>	57.54	2020-11-03	2023-11-02	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2586706</b>	57.54	2020-11-03	2023-11-02	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2586707</b>	57.52	2020-11-03	2023-11-02	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2586708</b>	57.52	2020-11-03	2023-11-02	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2586709</b>	57.52	2020-11-03	2023-11-02	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2586710</b>	57.52	2020-11-03	2023-11-02	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2586711</b>	57.53	2020-11-03	2023-11-02	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2586712</b>	57.53	2020-11-03	2023-11-02	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2586713</b>	57.53	2020-11-03	2023-11-02	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2586714</b>	57.53	2020-11-03	2023-11-02	\$0.00	\$1,200.00	Renforth Resources Inc.















<b>2587106</b>	57.61	2020-11-03	2023-11-02	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2587107</b>	57.61	2020-11-03	2023-11-02	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2587108</b>	57.61	2020-11-03	2023-11-02	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2587109</b>	57.61	2020-11-03	2023-11-02	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2587110</b>	57.62	2020-11-03	2023-11-02	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2587111</b>	57.62	2020-11-03	2023-11-02	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2587112</b>	57.62	2020-11-03	2023-11-02	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2587113</b>	57.62	2020-11-03	2023-11-02	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2587114</b>	57.61	2020-11-03	2023-11-02	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2587115</b>	57.61	2020-11-03	2023-11-02	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2587116</b>	57.61	2020-11-03	2023-11-02	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2587117</b>	57.61	2020-11-03	2023-11-02	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2587118</b>	57.61	2020-11-03	2023-11-02	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2587119</b>	57.6	2020-11-03	2023-11-02	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2587120</b>	57.6	2020-11-03	2023-11-02	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2587121</b>	57.6	2020-11-03	2023-11-02	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2587122</b>	57.6	2020-11-03	2023-11-02	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2587123</b>	57.6	2020-11-03	2023-11-02	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2587124</b>	57.59	2020-11-03	2023-11-02	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2591453</b>	53.66	2020-12-14	2023-12-13	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2591454</b>	39.36	2020-12-14	2023-12-13	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2591806</b>	34.4	2020-12-17	2023-12-16	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2591807</b>	1.54	2020-12-17	2023-12-16	\$0.00	\$500.00	Renforth Resources Inc.
<b>2612957</b>	3.41	2021-06-11	2024-06-10	\$0.00	\$500.00	Renforth Resources Inc.
<b>2612958</b>	11.7	2021-06-11	2024-06-10	\$0.00	\$500.00	Renforth Resources Inc.
<b>2612959</b>	40.37	2021-06-11	2024-06-10	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2612960</b>	0.48	2021-06-11	2024-06-10	\$0.00	\$500.00	Renforth Resources Inc.
<b>2618002</b>	57.54	2021-08-30	2024-08-29	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2618003</b>	57.54	2021-08-30	2024-08-29	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2618004</b>	57.54	2021-08-30	2024-08-29	\$0.00	\$1,200.00	Renforth Resources Inc.

<b>2618005</b>	57.53	2021-08-30	2024-08-29	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2618006</b>	57.55	2021-08-30	2024-08-29	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2618007</b>	57.55	2021-08-30	2024-08-29	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2618008</b>	57.55	2021-08-30	2024-08-29	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2618009</b>	57.55	2021-08-30	2024-08-29	\$0.00	\$1,200.00	Renforth Resources Inc.
<b>2618010</b>	57.55	2021-08-30	2024-08-29	\$0.00	\$1,200.00	Renforth Resources Inc.



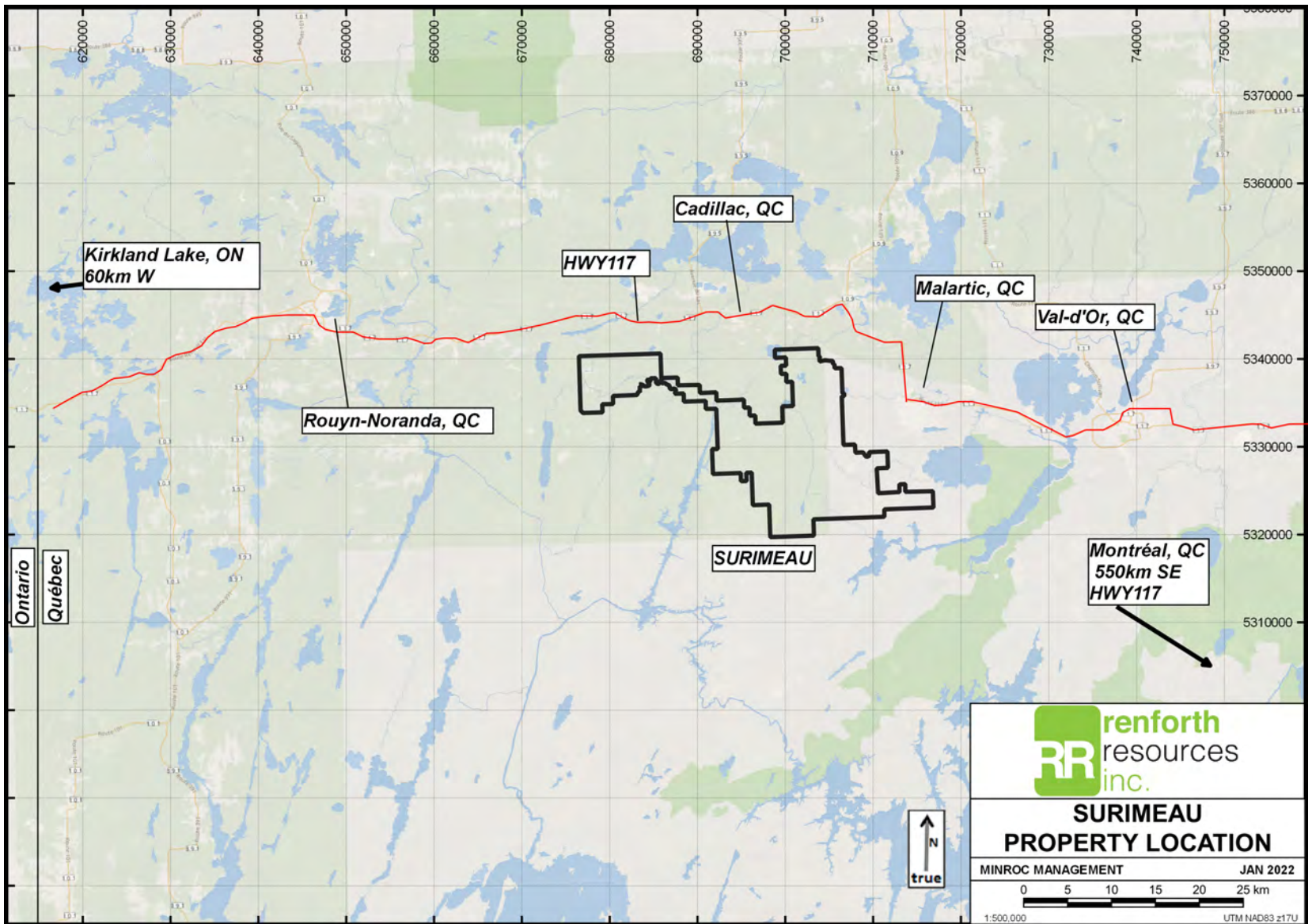


Figure 1 Property Location



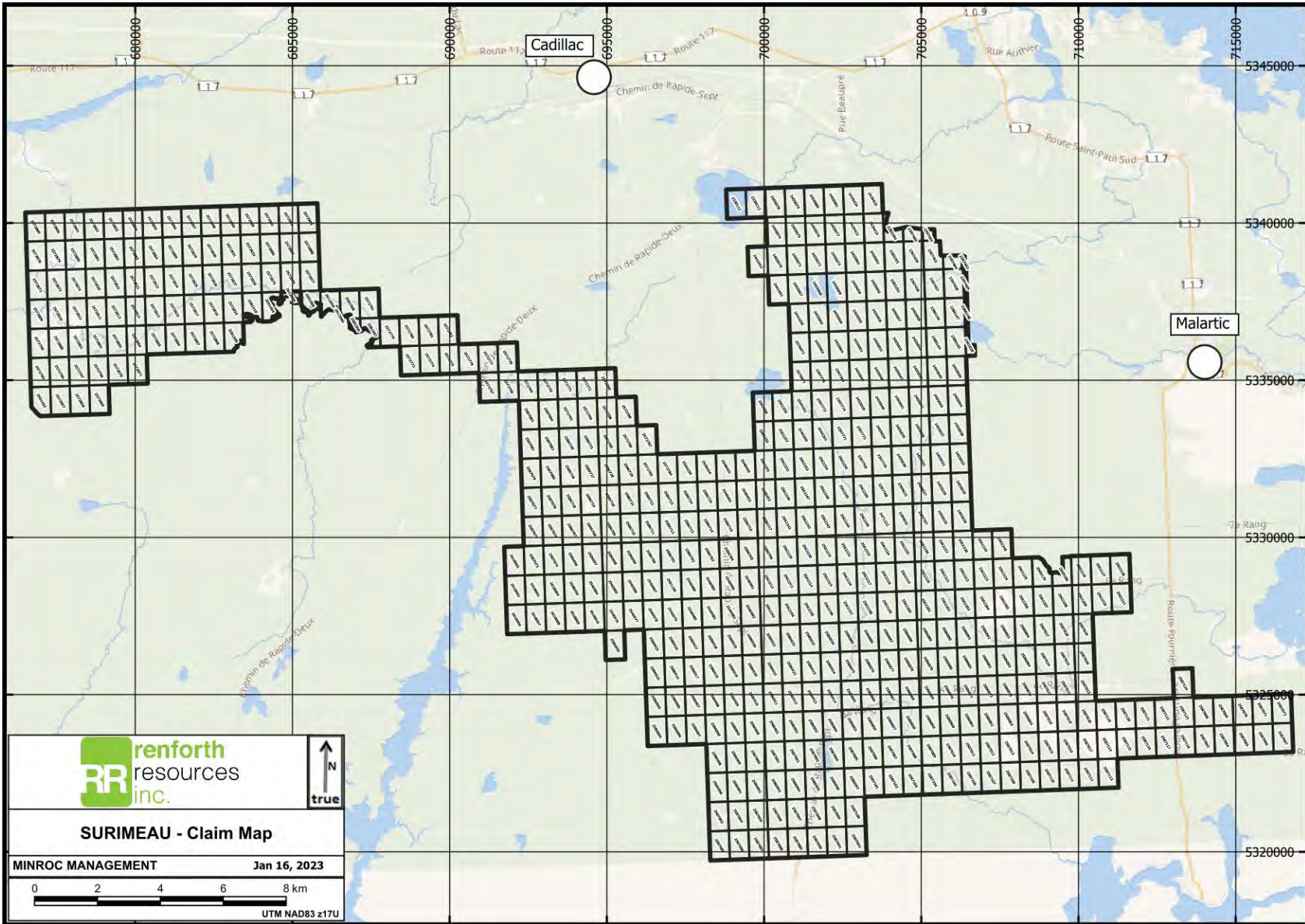


Figure 2 Claim Details

## **4.0 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE & PHYSIOGRAPHY**

### **4.1 *Topography, Elevation and Vegetation***

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

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

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

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

### **4.2 *Accessibility***

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

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

### **4.3 *Proximity to Infrastructure***

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

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

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

### **4.4 *Climate***

The climate is typical of the Abitibi region which has a Humid Continental (Dfb) climate in the Koeppen system. The winters extend from November to April and a considerable amount of snowfall can be expected; when built up this snow can exceed a meter in depth. For short periods between mid-January to the end of February, the temperature may fall to approximately -40° C. Summers are short with temperatures in the range of 5 to 35° C, the

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

## **5.0 HISTORY**

### **5.1 *Prior Ownership***

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

### **5.2 *Discussion of Work***

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

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

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

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

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

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

Several reconnaissance work programs were completed in the northeast of the Property in what was formerly the Malartic West Property, most recently by Knick Exploration in 2011. A

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

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

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

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

**Table 3 Property History**

Work	Year	Operator	Area	# DDH	DDH Length m	DDH Names	Notes / Assay Type	Reference	On or Off Property
Bulk sampling	1930s?	Twin lake Cadillac?	Beaupre Vein				Blast pits on Cu-bearing vein	None	On
Compilation work, trenching	1938	Brooke Cadillac GML	Malartic West				Summary geologic report. Trenching shown on map but not described	GM 05927	On
Mag, EM	1944	Ordala Mines	Malartic West				Magnetic map available only	GM 07441	On
Mag, geo mapping	1945	Consolidated Mining	Victoria					GM 00435PLAN	On
EM	1947	Murlew Prospecting	Victoria					GM 07158	On
DDH	1947	Murlew Prospecting	Victoria	5	145.89	S-1 to S-5	Zn, Ni, Ag, Cu (units and widths not always clear)	GM 07169	On
Sampling	1947	Murlew Prospecting	Victoria					GM 50910	On
Sampling	1951	Victoria Copper Zinc Mines	Victoria				Ag, Au, Zn, Cu, Ni: Trench sample assays given	GM 01509	On
Sampling	1951	Victoria Copper Zinc Mines	Victoria				Au, Zn, Cu, Ni: Trench sample assays given	GM 01524	On
DDH	1952	Victoria Copper Zinc Mines	Victoria	15	1796.04	V-01 to V-15	Samples taken but results not available. References to intervals in GM 01830-A and GM 02362	GM 01830-B	On
Summary Report	1952	Victoria Copper Zinc Mines	Victoria					GM 01945	On
Summary Report	1952	Victoria Copper Zinc Mines	Victoria					GM 02362	On
Summary Report	1954	Victoria Copper Zinc Mines	Victoria					GM 02658	On

EM	1957	Bourbeau Lake Mines	Victoria					GM 04636-A	On
DDH	1957	Bourbeau Lake Mines	Victoria	7	1014.6	BL-01 to BL-07	No assays available	GM 04636-B	On
Mag	1957	Canadian Malartic	Centre Block					GM 05516	Partly On
Property summary, mapping	1957	Canadian Malartic	Centre Block				one Cu assay mentioned	GM 05632	Partly On
Summary Report	1957	Surimau Minerals Ltd	Lalonde					GM 07283	On
Summary Report	1958	Surimau Minerals Ltd	Lalonde					GM 07282	On
EM, Mag	1958	Surimau Minerals Ltd	Lalonde					GM 07696	On
DDH	1958	Surimau Minerals Ltd	Lalonde	20	1267.85	SML-01 to SML-20	Au, Zn, Ni Cu, Ag, Mo	GM 09250	On
Summary Report	1959	Surimau Minerals Ltd	Lalonde					GM 08717	On
Summary Report	1959	Surimau Minerals Ltd	Lalonde					GM 09706	On
Summary Report	1961	O L Giroux, East Sullivan Mines	Nr. Colonie	9	460	FG-1 to FG-9	Be, Mo pegmatite	GM 11462, GM 12720	Partly On
DDH	1965	Canadian Nickel Co	Victoria	2	257.32	22979 & 22980	Cu, Ni, Ag	GM 17293A	Partly On
Mag, geo mapping	1966	Anaconda American Brass	Lalonde					GM 17802	On
EM, Mag	1968	UMEX	Lalonde					GM 24755	On
DDH	1969	UMEX	Centre Block	1	153.35	P-84	No assays available	GM 24551	Off
DDH	1969	UMEX	Lalonde	4	478.72	P-34, P-35, P-95, P-96	References to Zn intervals given in GM 27685	GM 24756	On
EM, Mag	1969	UMEX	Centre Block					GM 25305	Partly On
DDH	1969	UMEX	Centre Block	1	154.57	P-86	No assays available	GM 25306	Off

DDH	1972	UMEX	Victoria	2	Unknown	P-29, P-31	Little information available. References to Zn, Cu intervals given	GM 27685	On
EM, Mag	1972	UMEX	Victoria					GM 27685	On
EM, Mag	1972	UMEX	Victoria					GM 27685	On
EM, Mag	1974	UMEX	Victoria					GM 29828	On
EM, Mag	1974	UMEX	Victoria					GM 29828	On
DDH	1975	UMEX	Victoria	3	351.5	P-152 to P-154	Au, Zn, Ni Cu (spotty sampling)	GM 30801	On
geo mapping	1977	QC MERN	Whole Property				Reconnaissance mapping & multiple regional soil surveys in 1970s-80s	CG032D01, others (public data)	Partly On
DDH	1981	Unknown	Huston	2	610	HU81-01 & 02	No assays mentioned	GM 37951	On
DDH	1983	Hecla	Huston	7	905	H-83-1 to 7	Au, Ag	GM 40730	On
Sampling, historic compilation	1984	LAC Minerals	Victoria				Au, Zn	GM 42732	On
VLF, DDH	1984	LAC Minerals	Northwest	3	293	SUR-84-01 to 03	Au, Ni, Cu, Zn	GM 41417, GM 41753	On
Gravity	1984	QC MERN	Whole Property					DP 84 37	Partly On
Geophysics, Drilling	1984	Golden Tag Resources	Malartic West	2	222	84-25-01 & 02	VLF, Mag, IP; 2 DDH to test IP targets. No sig values. Close to property boundary	GM 42062	Partly On
Sampling, summary report	1985	LAC Minerals	Colonie				Au	GM 42621	Partly On
mapping, sampling	1985	LAC Minerals	Centre Block				Au, very limited Zn	GM 42731	On
Mag	1985	LAC Minerals	Colonie					GM 43586	Partly On
soil sampling, compilation	1986	Metaux Abitibi	Centre Block					GM 43564	On

DDH	1986	LAC Minerals	Colonie	3	359.1	COL-85-01, COL-86-02, COL-86-03	Au, Zn, Ni Cu, Ag (spotty sampling)	GM 43788	On
Compilation report	1986	LAC Minerals	Colonie					GM 43789	Partly On
DDH	1986	Metaux Abitibi	Centre Block	15	3308.5	MS-86-01 to MS-86- 15	Au (certs in GM 45796 and GM 47379)	GM 45796	On
Mapping, sampling	1986	Termex Resources	Nr. Colonie				Be, Mo, Ag	GM 43865	Partly On
IP	1987	Metaux Abitibi	Centre Block					GM 45795	On
DDH	1987	LAC Minerals	Colonie	2	258.5	COL-87-09, COL-87-10	Au, Zn, Ni Cu, Ag (spotty sampling)	GM 46419	On
DDH	1987	Metaux Abitibi	Centre Block	6	854.3	MS-87-01 to MS-87- 06	Au (certs in GM 47379)	GM 47379	On
Mag	1987	Metaux Abitibi	Centre Block					GM 47634	On
DDH, sampling	1988	Metaux Abitibi	Centre Block					GM 47635	On
compilation	1988	Metaux Abitibi	Centre Block					GM 47635	On
Summary Report	1988	LAC Minerals	Victoria					GM 48081	On
DDH, EM, Mag	1988	Beauchamps Exploration	Victoria	5	744	BV-88-1 to BV-88-5	Au, Ni, Cu, Zn, Bi, As, Sn (certs available)	GM 49838	On
DDH	1990	LAC Minerals	Victoria	3	167	VIC-90-1 to VIC-90- 3	Au, Zn, Cu	GM 50113	On
geo mapping	1990	QC MERN	Whole Property					MB 90 37	Partly On
Sampling, geo mapping	1997	Gilles Laverdiere	Lalonde, Victoria				Cu, Zn, Ni, Au, Ag, Co: cert provided	GM 57100	On
Trenching	2001	Julien Gadoury	Victoria				Au, PGE, multi	GM 58777	On
AI Interp	2000s	Diagnos	Victoria				Victoria area staked in 2006 based on "CARDS" AI work	Not public	On



Geophys, mapping	2000s	Osisko	Centre Block				Airborne EM, mag; reconnaissance sampling	Not public	Partly On
Mag, EM	2008	Globex	Malartic West				Heliborne mag, TDEM	GM 63615	On
Geophysics, Drilling, Mapping	2010-11	Knick Exploration	Malartic West	11	2590.7	MW-10-01 to MW-10-11	Ground mag, VLF. 160 grab samples taken, highest value 1.17 g/t Au. 11 DDH totalling 2,590.7 m, no sig values.	GM 65190	On
Sampling	2012	Pershimco	Lalonde, Centre Block, Colonie					GM 66408	Partly On
Mag	2014	QC MERN	Whole Property					DP201204	Partly On
Compilation	2014	Canadian Mining House	Centre Block, Malartic West				Whole property data comp. topo data interp	GM 68284; GM 68285	On
Mapping, sampling, IP	2018	SOQUEM	Centre Block				Au, multi	GM 70661	Partly On
EM, Mag, report	2018	SOQUEM	Centre Block					Internal report M Allard 8th Feb 2018	Partly On
LWIR	2019	Renforth	Whole Property					internal report N Pendock 6 Oct 2019	Partly On
Sampling	2019	Renforth	Centre Block				Au		Partly On
Sampling	2020	Renforth	Lalonde, Colonie				Ni, Cu, Zn, Co		On
Drilling	2020	Renforth	Surimeau - Victoria	3	194	SUR-20-01 to SUR-20-03	Ni, Cu, Zn, Co		On
Sampling	2021	Renforth	Huston				Ni, Cu, Zn, Co		On

Sampling	2021	Renforth	Surimeau - Victoria				Ni, Cu, Zn, Co		On
Drilling	2021	Renforth	Surimeau - Victoria	26	5432.2	SUR-21-04 to SUR-21-29	Ni, Cu, Zn, Co		On
Sampling	2022	Renforth	Surimeau – Victoria, Lalonde, South				Ni, Cu, Zn, Co, Li		On

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

## **6.0 GEOLOGICAL SETTING**

### **6.1 Regional Geology**

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

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

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

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

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

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

### **6.2 Property Geology**

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

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

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

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

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

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

## **7.0 DEPOSIT TYPES**

### **7.1 *Outokumpu Style Polymetallic***

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

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

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

later; see Peltonen et al 2007), peridotites from the oceanic crust were thrust-faulted into contact with the sedimentary units during regional tectonic events. Peridotites commonly carry nickel within silicate minerals in the absence of adequate sulphur in their original magma. During these tectonic events, hydrothermal processes in the faulted contact areas allowed sulphide in the sediments to react with the peridotite, permitting the nickel to remobilize and recrystallize in sulphide minerals (pentlandite, pyrrhotite) and thereby adding nickel to the mix of metals carried by sulphides. Cobalt is also a significant ore metal in some of the Outokumpu deposits and entered the deposits in the same way as the nickel.

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

## **7.2 Orogenic Gold**

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

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

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

## **7.3 Pegmatite Mo, Li, REE**

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

## **8.0 MINERALIZATION**

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

### **8.1 *Surimeau Polymetallic Sulphides***

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

### **8.2 *Beaupré Vein-Hosted Cu-Ag***

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

### **8.3 *Gold Targets***

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

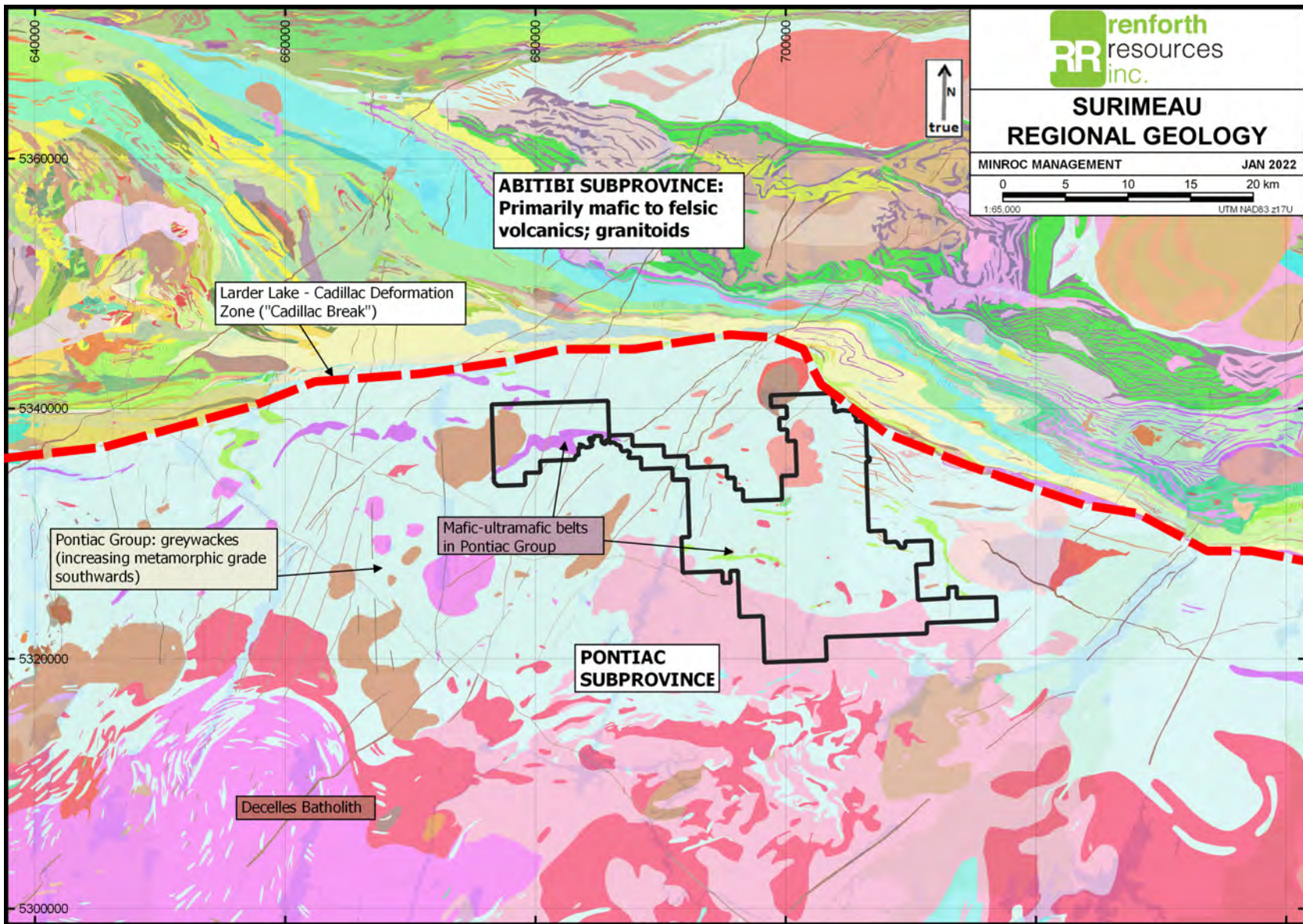


Figure 3 Regional Geology



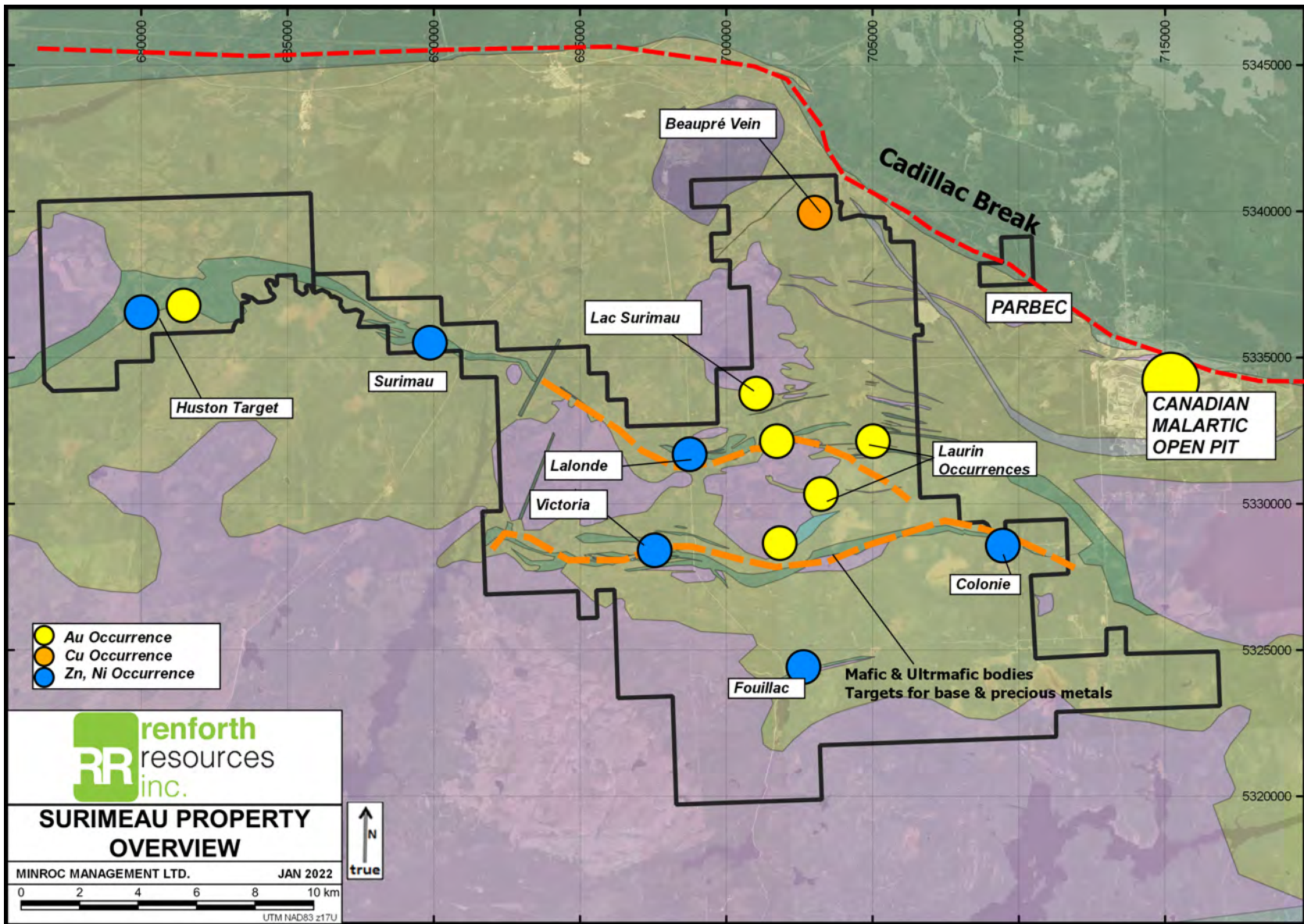


Figure 4 Property Geology



## 9.0 EXPLORATION

### 9.1 *Equipment, Personnel and Logistics*

Forage SMP of Val d'Or were contracted to undertake the drilling from November 15<sup>th</sup> to December 13<sup>th</sup>, 2022. An open area approximately 500 m west of the Rapide 7 road in the Victoria area was used as a mobilization/staging area for core logging and splitting for the entire program while a parking area immediately east of the Rapide 7 road at Lalonde was used as a staging area for the drillers, located at 698771 m E / 5332211 m N (UTM Zone 17N, NAD83). Water was drawn from a stream (Lalonde) and ponds (Victoria).

Francis Newton P. Geo, OGQ, acted as project geologist and undertook all drill collar spotting, core transport, supervision of drill mobilization and core logging. Sahil Alurkar, GIT, and Nikkolas Ongaro, GIT, worked alongside Mr. Newton in the field. Core was logged and sampled on-site in a 10x20 ft office trailer retrofitted into a mobile core logging shack. Samples were split by Minroc personnel on-site in a modified 10x20 ft mobile container used as a core splitting shack.

Drilling took place from November 15<sup>th</sup> to December 13<sup>th</sup>, 2022. A total of 3,076.7 m was drilled. A total of 1,842 samples were taken, including 237 QA/QC samples.

Drilling took place within claims 2546988, 2546989, 2548451, 2548454, 2548455, 2561156, 2586725. All drillholes have an azimuth of 180° to perpendicularly cut the main stratigraphy and structure identified in geophysics and by field observations, except for SUR-22-34 and SUR-22-35 which have an azimuth of 0° (North) and 165° respectively to test the dip of structures and to find deeper intercepts of mineralization and structure.

**Table 4 Details of 2021 Drillholes**

DDH	Collar UTM E	Collar UTM N	Dip °	Azimuth °	Length m	Samples	Location
<b>SUR-22-30</b>	698299	5331959	-45	180	354	253	Lalonde
<b>SUR-22-31</b>	698451	5331900	-45	180	255	158	Lalonde
<b>SUR-22-32</b>	698508	5331884	-45	180	240	169	Lalonde
<b>SUR-22-33</b>	698674	5331882	-45	180	276	206	Lalonde
<b>SUR-22-34</b>	698669	5331806	-45	0	255	165	Lalonde
<b>SUR-22-35</b>	697722	5331964	-45	165	328.7	239	Lalonde
<b>SUR-22-36</b>	698721	5331966	-55	180	255	178	Lalonde
<b>SUR-22-37</b>	698165	5328193	-45	180	270	245	Victoria
<b>SUR-22-38</b>	697265	5328437	-45	180	279	117	Victoria
<b>SUR-22-39</b>	697639	5328549	-45	180	285	47	Victoria
<b>SUR-22-40</b>	698506	5328487	-45	180	279	65	Victoria

## **9.2 Lalonde Drillhole Descriptions**

### **SUR-22-30 – Drilled north of Lalonde trench 1. (az 180, dip -45)**

This hole is collared in Pontiac sediments to 26.35 m followed by 6.45 m of mineralized ultramafics with ab-shear bands. After this mineralized zone the ultramafics continue up to at least 250.9 m with a narrow band of diorite. The ultramafics often show complete komatiite flows, starting with brecciated, biotite rich flow tops followed by bluish cumulate zones and ending ultramafics with spinifex textures. The cumulate zones show clear carbonate replacement/overprint with presence of magnetite, especially after 180 m. From 260.2 to 278.1 m the ultramafics are intercalated with QFPs. The qfp's create a biotite halo in the ultramafics that is correlated to 1-3% po. There are qz-ankerite stringers in the QFPs. 278.1-286.2 m are multiple flows of ultramafics. From 286.1-289.9 m is a mix of amphibolized ultramafics, calc-silicates and Pontiac sediments. The calc-silicates are primarily within Pontiac sediments. From 289.9 m to the end of the hole at 354 m are Pontiac sediments.

This hole was stopped at 354m.

### **SUR-22-31 – Drilled North of Lalonde trench 10 (az 180, dip -45)**

This hole was as collared in Pontiac Sediments hosting minor qz-ca veinlets to 21 m. Graphitic Mudstone intercalates the Pontiac sediments as 5-30 cm lenses from 21-27.85 m and host up to 20% sphalerite and trace chalcopyrite. From 27.85-38.25m are calc-silicates with strong pervasive carbonate alteration and occasional bands of weathered red garnets. Within the calc-silicates is a band of strongly albitized zone from 32.06-32.65 m with slight haloes around, possibly the ab-shear zone in core. The calc-silicates from 36.55-38.25 m are very strongly carbonatized and show replacement textures in minerals. The calc-silicates form a sharp contact with bluish green ultramafics with typical komatiite flows and cumulate textures with carbonate replacement. From 139 to 148.25 m the ultramafics are talcose. A sharp contact is seen between the ultramafics and granodiorites at 148.25 m. These granodiorites are light bluish in colour and have quartz veinlets with strong haloes around them and contain very rare trace mineralization (po) around quartz veining. The hole intercepts ultramafics from 233.35 - 234.5 m with occasional few bands of granodiorites. Slight mineralization is seen in ultramafics around a mafic volcanic band from 227.3-227.75 m. There are a few lenses of carbonatized calc-silicates (without cr-diopside) from 231.15-232.65 m. The hole intersects Pontiac sediments at 223.45 m, present until the end of the hole.

This hole was stopped at 255 m.

### **SUR-22-32 – Drilled Between Lalonde trench 10 and powerline (az 180, dip -45)**

This hole reached the Pontiac sediments a bit earlier than expected, but the reason is likely because the granodiorite unit is quite a bit narrower than in the previous hole. The graphitic mudstones from 19.15-24.55 m are relatively well mineralized with frequent zones of 2-5% py-po-sph-cpy stringers and clots, with occasional py-sph nodules in the mix. There are also a handful of narrow ab shears / zones of strong albite alteration within this unit that are also well mineralized with 1-3% sulfide clots and stringers. Immediately following the graphitic mudstones is a wide zone of either strong albite alteration or the albite shear (as seen on

surface, but unweathered and fresh) from 24.55-32.3 m. This unit is well mineralized with 2-4% sulfide overall, locally up to 7% - observed as frequent fine to medium stringers and medium to coarse grained clots of py-po-sph-cpy.

The ultramafics and granodiorite were unmineralized overall with no more than traces of fine pyrite or pyrrhotite. There is a second interval of graphitic mudstones from 205.6-210m containing 1-3% py-po-sph stringers and clots throughout the unit. The end of the hole consists of cd-bt-ms bearing Pontiac sediments with occasional narrow ultramafic bands peppered throughout the unit.

This hole was stopped at 240 m.

**SUR-22-33 – Drilled under the first trench at Lalonde, drilling to sediments to see continuity of mineralization at shallow depths. (dip -45, az180)**

This hole is collared in Pontiac sediments which do contain occasional narrow bands of mafic volcanics and ultramafics approaching the contact with the underlying ultramafics. There were no graphitic mudstones in this hole, at least not yet. The "contact" zone between the sediments and ultramafics from 39-40.4 m is quite well mineralized with 20% sulfide overall observed as 0.5-1 cm stringers along the foliation. Immediately following this are ultramafics which are quite strongly carbonatized, possibly verging on calc silicate alteration, but mineralization is restricted to narrow stringers (1-3 cm) of py, po, pent and cpy.

From 48.45-55.75 m is a wide calc silicate zone that is exceptionally well mineralized, easily the best of the program so far. Mineralization consists of 5-7% sulfide overall, locally up to 20%, observed as fine to semi-massive stringers/veinlets up to 5 cm thick, and local disseminations of around 3% sulfide.

Following the calc silicate zone described yesterday are ultramafics to 230.35m. These are generally as before, wide patches of biotite alteration, generally strongest in flow-tops and breccias. Mineralization is sporadic with patches of trace to 1% fine disseminated pyrrhotite and one zone from 102-103.7m of 1-3% fine disseminated py-po and cpy. The contact zone between the overlying ultramafics and the underlying sediments was well mineralized with 1-3% py-po overall from 224.35-230.35m as med to coarse clots and fine stringers.

From 230.35-238.75 m are frequent beds of graphitic mudstones and fine-grained sediments, often at least weakly silicified. This unit is relatively well mineralized with py-po-sph stringers and fine disseminations generally from 1-3% and locally from 5-7% in zones of strong(er) silicification. The rest of the hole from 238.75 m consist of cd-bt-ms bearing Pontiac sediments with occasional narrow ultramafic bands.

This hole was stopped at 276 m.

**SUR-22-34 – North-dipping hole in first trench of Lalonde, to search for any additional graphitic and/or mineralized horizons to the north. (dip-45 az0 (North))**

This hole was collared in ultramafics as the drill is placed about halfway down the first trench. Please note that this hole is drilled north at -45 deg dip, and the dip of the rocks here is also north so the down hole widths are quite a bit wider than their true widths.

The ultramafics at the top of the hole are sporadically mineralized with trace pyrrhotite. Immediately following the ultramafics is 1.35 m of graphitic mudstone to 24.35 m. This narrow bed is well mineralized with 3-5% py-po-sph stringers and clots. The sediments immediately after the mudstone is quite strongly albitized and contains 2-3% fine to medium grained disseminated sulfide throughout.

The albite shear, same as the one observed on surface, is present from 32.2-36.4 m and contains 3-7% py, po, sph and pentlandite throughout. The calc-silicate unit in this hole is quite wide from 36.4-64.9 m and it is extremely well mineralized, probably the best-looking mineralization I've ever seen on the property. 7-10% py, po, pent, sph and occasionally cpy throughout the interval, locally up to 20% sulfide and a handful of semi-massive sulfide beds ranging from a few centimeters to approximately 55 cm thick.

From 64.9-69.2 m is a second graphitic mudstone bed with 3-5% py, po, sph and cpy throughout, and another well mineralized calc-silicate zone is present 69.2-70.75 m, mineralized the same as the first. A second albite shear zone is present from 70.75-73.55 m with 2-3% sulfide overall as stringers and clots.

The hole reaches Pontiac sediments north of the ultramafics at 73.55 m and are present to the end of the hole at 255 m. The sediments contain occasional narrow ultramafic / mafic volcanics. Mineralization is sporadic and inconsistent through the unit, contained within bands of albitization, quartz veinlets, and within mafic or ultramafic bands.

This hole was stopped at 255 m.

**SUR-22-35 – Hole drilled through the conductive anomaly under the Rapide 7 road at Lalonde. (dip -45, az165)**

This hole had 12 m of casing, quite a bit more than the other holes drilled in the area, and it is collared in Pontiac sediments which continue to 151.95 m. There are occasional narrow mafic volcanic and ultramafic bands in the top of the hole, the widest is about 8 m of ultramafics from 50.5-58.25 m. Some of these bands contain trace amounts of fine to medium grained pyrite.

There is a narrow bed of very well mineralized graphitic mudstone from 151.95-153.4 m with 10-15% sulfide stringers and nodules (locally up to 20%). The mudstones are followed by a wide band of strongly foliated ultramafics which are quite strongly carbonatized, possibly verging on calc silicate alteration (seen this in every hole), although in this hole it was very weakly mineralized. There is a narrow albite shear zone from 169.9-174.45 m that is mineralized with 5-7%, locally up to 20%, sulfide (py, po, pent, sph, cpy) as disseminations, concordant stringers/veinlets, and clots.

Following the albite shear zone are massive to weakly foliated ultramafics to at least 294.65 m. The hole hits mafic volcanics at 294.65 m to 321 m, followed by ultramafics to the end of the hole at 328.7 m.

**SUR-22-36 – Hole drilled from same setup as SUR-22-35, oriented due south and drilled through the conductive anomaly under the Rapide 7 road at Lalonde (dip-55 az180)**

This hole is collared in Pontiac sediments, present in the hole to 141.9 m, however there is a wide band of mafic volcanics from 388-53.7 m. The contact zone between the overlying

sediments and underlying ultramafics is quite interesting and well mineralized for the most part. The units rapidly change in the contact zone; siltstone with narrow beds of graphitic mudstone and a narrow albite shear zone is present from 141.9-147.6 m, followed by massive ultramafics to 152 m. From 152 to 156.9 m the units change quickly from albite shear zone to calc silicate to graphitic mudstone and finally albite shear zone again to 156.9 m. Massive to weakly foliated ultramafics are present from 156.9 m to the end of the hole at 255 m.

The graphitic mudstones and ab shear zones are quite well mineralized with anywhere from 15-20% fine to coarse nodules, stringers and disseminations of sulfide including py, po, sph, cpy and pent. The calc silicate is a tad less mineralized with 2-5% sulfide overall as fine to med stringers.

This hole was stopped at 255 m.

### **9.3 Victoria Drillhole Descriptions**

#### **SUR-22-37 – Hole drilled north through conductive anomaly northwest of SUR-20-01 at Victoria. (az0 dip-45)**

This hole saw quite the mix of lithologies in the first 150 m or so. The hole is collared in Pontiac sediments, followed by ultramafics to 28.45 m. There is a narrow band of well mineralized calc-silicates 28.45-30.2, followed by Pontiac sediments with traces of sulfide to 42.6 m. Graphitic mudstones are present 42.6-46.2 m and are extremely well mineralized with 20-30% fine to coarse sulfide stringers and nodules. Another bed of sediments is present with traces of sulfide to 52.95 m, followed by strongly to very strongly albitized sediments, often with clotty tremolite throughout and very well mineralized overall with 7-10%, locally 20-25% sulfide as fine to coarse clots, stringers, and disseminations of py, po, sph, pent and cpy.

From 72.4 to 131 m is primarily siltstone and graphitic sediments with a few prominent graphitic mudstone beds throughout the interval. Sulfide concentrations favour sphalerite, pyrite and pyrrhotite through this unit with occasional clots and clusters of chalcopyrite and traces of pentlandite. Overall sulfide through the unit varies from trace levels to 15-25% sulfide in the graphitic mudstone beds, always as fine to coarse stringers, nodules, and clots/disseminations of py, po, sph, cpy and tr pent. Following the siltstone / graphitic mudstones are strongly albitized ultramafics from 131-146.85 m. This unit resembles the calc-silicates but does not contain any of the bright green cr-diopside crystals, and it is well mineralized overall with 2-10% sulfide, disseminations, stringers, and clots of py, po, sph, trace to 1% cpy and trace pentlandite.

From 146.85 to 173.4 m are picrite mafic volcanics with trace sulfide throughout, locally up to 2-3%. The rest of hole to 270 m consists of massive ultramafics with occasional flow-top breccias and trace pyrrhotite.

This hole was stopped at 270 m.

#### **SUR-22-38 – Drilled through sediments north of SUR-21-10, searching for parallel structures or horizons to main Victoria trend. (az180 dip-45)**

This hole is collared in cd-bt-ms bearing Pontiac sediments with occasional narrow qz-ab stringers and veinlets, these sometimes contain trace clots of fine to medium grained pyrite.

This unit is present until 147.6 m, the hole crosses a narrow band of ultramafics to 152.9 m then three short units / beds of albitized sediments followed by graphitic mudstone and calc silicate to 155.25 m. A wider graphitic mudstone bed is present to 161 m, followed by ultramafics to at least 211.45 m.

The albitized sediments (152.9-154.05 m) contain trace to locally up to 2% fine to medium grained disseminated sulfide (py, po, sph, cpy) and rare stringers, however, there is a narrow band of albite shear zone 153.95-154.05 m that contains 10-12% fine to coarse clots and stringers of py, po, sph, cpy. There is 30 cm of graphitic mudstone from 154.05-154.35 m with 13-15% fine to medium grained stringers and clots of pyrite, pyrrhotite and sphalerite, followed by a narrow band of calc silicates to 155.25 m. This unit contains trace to locally 1% fine to medium clots of po. There is another bed of graphitic mudstones, this time wider, from 155.25-161 m with 5-7% sulfide throughout, locally up to 10%, as fine to coarse clots (with net-textured po), sph and cpy stringers and nodules.

Massive ultramafics are present from 161 to the end of the hole at 231 m. The hole was stopped at 231 m.

**SUR-22-39 – Drilled through sediments north of holes SUR-21-13 and SUR-21-14, searching for parallel structures or horizons to main Victoria trend. (az180 dip-45)**

This hole is collared in cd-bt-ms bearing Pontiac sediments, which are present to 207.9 m, when the hole hits a narrow band of mafic volcanics followed by ultramafics to at least 276.1 m. There is a narrow bed of graphitic mudstone from 195-195.3 m, followed shortly after by strongly albitized sediments from 196.2-207.9 m. The graphitic mudstone and albitized sediments are relatively well mineralized with anywhere from 2-7% fine to med stringers, clots, nodules, and disseminations of pyrite, pyrrhotite and sphalerite and traces of chalcopyrite. The ultramafics are massive overall, the flow tops are often biotitized and weakly brecciated and they are unmineralized but do rarely have traces of pyrrhotite.

The hole reaches picrite mafic volcanics at 276.1 m, which last until the end of the hole at 285 m.

**SUR-22-40 – Drilled through sediments north of hole SUR-21-15, searching for parallel structures or horizons to the main Victoria trend. (az180 dip-45)**

This hole is collared in Pontiac sediments which are present to 112.95 m. The very bottom of the unit is weakly silicified and mineralized with 1-5% fine to medium stringers, clots, and disseminations of pyrite, pyrrhotite and sphalerite. The mafic volcanics are found between the sediments and ultramafics, from 112.95-117.4 m. This unit is well mineralized overall with anywhere from 2-5% fine to med po-py stringers and disseminations, however, the strongest mineralization in this unit is found within two narrow albite shear zones which contain 3-5% fine to coarse clots, stringers, and disseminations of py, po and sph.

The ultramafics are present from 117.4 to 274.6 m and are massive overall with weakly brecciated and biotitized flow-tops. They do contain traces of pyrrhotite and local concentrations of 1-2% fine to med disseminated pyrrhotite from 123-144 m.

The hole reaches cd-bt-ms bearing Pontiac sediments at 274.6 m and was stopped at 279 m.

## 9.6 Results

The ultramafic unit is sandwiched between the coarse-grained Pontiac sediments with a quartz-biotite-muscovite assemblage. These sediments are generally unmineralized, apart from beds of graphitic mudstones. These graphitic mudstones are generally found near the ultramafic contact and contain up to semi-massive sulfide. The mudstones are frequently silicified and locally brecciated with carbonate stringers alongside sulfide stringers, nodules, and clasts. The graphitic mudstones carry higher values of zinc and copper with occasionally elevated Ni, for example SUR-22-34 has an interval within graphitic mudstones of 0.14% Ni and 127.5 ppm Co over 1.1 m (64.9-66 m).

The calc-silicate altered unit is present at both Lalonde and Victoria and is generally found in the contact zone between the sediments and ultramafics either directly at or on the contact, or proximal to it. This unit is generally very well mineralized with wide disseminations of coarse clotty sulfide, often 5-15% sulfide overall within these zones. XRF scans while logging core indicated the presence of Ni, Cu, Zn and Co. These observations were proven with assay results where wide intervals of Ni are present, ranging from 0.1 to 0.41% Ni. Copper, zinc, and cobalt values range quite a bit with up to 2.4% Zn and 0.25% Cu within this unit. Cobalt is present through most samples, generally between 80-400 ppm.

Bands of albite-shears characterized by coarse, radiating actinolite needles are seen within the ultramafics. The albite shear hosts the strongest Zn and Cu mineralization on the property as sphalerite and chalcopyrite respectively. 10-25 m wide exposures of the albite shear are seen in the "Main-Trench" at Victoria, and narrower 5 m or less exposures are visible in the recent trenching at Lalonde.

Assay results show that ultramafic units, generally with calc-silicate alteration, frequently contain elevated nickel contents, ranging from anomalous Ni to over 0.41% Ni. Wide bands of 0.1-0.15% Ni are frequent, although portions of these wider intervals may sometimes represent silicate Ni rather than sulfide Ni. The highest Cu and Zn values are generally found within graphitic mudstones and albite shear bands or zones of strong albite alteration, primarily within or at the contact between sediments and shear zones. Elevated Cobalt values are primarily associated with elevated Ni and elevated manganese (Mn) is found in both ultramafic and mafic volcanics.

Interestingly, assays returned silver and gold values up to 0.55 g/t Au and 1.51 g/t Ag at Victoria and up to 1.26 g/t Ag at Lalonde in drill core. Elevated silver values occurred in silicified or ultramafic contact-zone sediments and Albite shear zones with relatively strong sulfide mineralization. The elevated gold values at Victoria (for example: 0.54 g/t Au from 40.85-41.85 m and 0.55 g/t Au from 248-250.35 m in SUR-22-37) occur in hydrothermal alteration zones around carb and qz-carb filled fractures and veinlets, alongside stronger biotite alteration. This has not been seen before in any recent work on the Surimeau property and indicates that there may be gold and silver potential, as these gold values are not insignificant considering the area and surrounding mines.

Highlight intervals for Ni, Zn, Cu, Mn, Ag and Au from the 2022 DDH program are presented in the tables below (Tables 5, 6, 7, and 8).



**Table 5 Notable Drillhole Intervals from the Lalonde portion of the 2022 DDH Program**

Location	DDH		From (m)	To (m)	Core Width (m)	Ni %	Zn %	Cu %	Mn %	Co ppm
Lalonde	SUR-22-30		27.35	32.80	5.45	-	0.24	-	-	-
	SUR-22-30	<i>incl.</i>	28.4	29.40	1.00	-	0.70	-	-	-
Lalonde	SUR-22-31		27.85	30.00	2.15	0.15	-	-	-	-
	SUR-22-31		31.5	32.95	1.45	-	0.12	0.12	-	-
	SUR-22-31		32.95	35.75	2.80	0.12	-	-	0.12	-
	SUR-22-31		36.55	38.25	1.70	0.15	-	-	0.12	-
Lalonde	SUR-22-32		21.95	32.20	10.25	-	0.32	-	-	-
	SUR-22-32	<i>incl</i>	29.35	30.75	1.40	-	0.78	-	-	-
	SUR-22-32	<i>incl</i>	29.35	32.20	2.85	-	-	0.10	-	-
	SUR-22-32	<i>incl</i>	31.7	32.20	0.50	-	1.87	-	-	-
Lalonde	SUR-22-33		39	40.40	1.40	-	0.24	-	-	-
	SUR-22-33		40.4	42.20	1.80	0.17	-	-	-	-
	SUR-22-33		48.45	55.75	7.30	0.19	-	-	-	-
	SUR-22-33	<i>incl</i>	48.45	49.00	0.55	-	0.15	-	-	-
	SUR-22-33		51.1	55.75	4.65	<b>0.20</b>	-	-	-	-
	SUR-22-33		55.75	56.50	0.75	-	0.15	-	-	-
	SUR-22-33		188	189.00	1.00	-	-	-	0.13	-
	SUR-22-33		212	212.80	0.80	-	-	-	0.10	-
Lalonde	SUR-22-34		23	24.35	1.35	-	0.30	-	-	-
	SUR-22-34		32	36.40	4.40	-	0.21	-	-	-
	SUR-22-34		36.4	63.10	26.70	<b>0.21</b>	-	-	-	158.66
	SUR-22-34	<i>incl</i>	36.4	45.50	9.10	<b>0.22</b>	-	-	-	-
	SUR-22-34	<i>incl</i>	39	40.00	1.00	<b>0.31</b>	-	-	-	-
	SUR-22-34	<i>incl</i>	52	56.50	4.50	<b>0.27</b>	-	-	-	-
	SUR-22-34	<i>incl</i>	55.5	56.50	1.00	<b>0.41</b>	-	-	-	-
	SUR-22-34		61	62.10	1.10	-	1.10	-	-	-
	SUR-22-34		63.1	67.00	3.90	-	0.22	-	-	-
	SUR-22-34		64.9	66.00	1.10	0.14	-	-	-	127.50
	SUR-22-34		69.2	70.75	1.55	<b>0.20</b>	-	-	-	172.82
	SUR-22-34		70.75	73.55	2.80	-	0.49	-	-	-
	SUR-22-34		73.55	76.50	2.95	0.18	-	-	-	127.88
	SUR-22-34		100	101.15	1.15	-	0.14	-	-	-
	SUR-22-34		104.1	106.00	1.90	-	0.24	-	-	-
	SUR-22-34		107.85	110.40	2.55	-	0.20	-	-	-
	SUR-22-34		108.7	110.40	1.70	-	-	0.10	-	-

	<b>SUR-22-34</b>	116	116.65	0.65	-	0.18	-	-	-
<b>Lalonde</b>	<b>SUR-22-35</b>	151.95	153.40	1.45	-	0.27	-	-	-
	<b>SUR-22-35</b>	154.5	156.00	1.50	<b>0.21</b>	-	-	-	-
	<b>SUR-22-35</b>	159.5	161.00	1.50	-	-	-	<b>0.11</b>	-
	<b>SUR-22-35</b>	165.5	168.50	3.00	0.13	-	-	-	-
	<b>SUR-22-35</b>	169.9	174.45	4.55	-	0.63	-	-	-
<b>Lalonde</b>	<b>SUR-22-36</b>	144.95	147.60	2.65	-	0.15	-	-	-
	<b>SUR-22-36</b>	145.6	146.55	0.95	-	-	0.10	-	-
	<b>SUR-22-36</b>	149	150.00	1.00	-	0.08	-	-	-
	<b>SUR-22-36</b>	152	154.40	2.40	0.14	-	-	-	-
	<b>SUR-22-36</b>	152	153.00	1.00	-	0.61	0.09	-	-
	<b>SUR-22-36</b>	154.4	156.90	2.50	-	0.29	-	-	-

**Table 6 Notable Drillhole Intervals from the Victoria portion of the 2022 DDH Program**

Location	DDH	From (m)	To (m)	Core Width (m)	Ni %	Zn %	Cu %	Mn %	Co ppm
Victoria	SUR-22-37	12.9	14.50	1.60	-	0.26	-	-	-
	SUR-22-37 <i>incl</i>	12.9	13.75	0.85	-	0.41	-	-	-
	SUR-22-37	16	18.95	2.95	-	0.23	-	-	-
	SUR-22-37 <i>incl</i>	17.1	18.20	1.10	-	0.40	-	-	-
	SUR-22-37	17.1	24.20	7.10	0.18	-	-	-	-
	SUR-22-37 <i>or</i>	17.1	30.20	13.10	0.17	-	-	-	-
	SUR-22-37	17.1	18.95	1.85	-	-	0.09	-	-
	SUR-22-37 <i>incl</i>	18.2	18.95	0.75	-	-	0.14	-	-
	SUR-22-37	22	27.00	5.00	<b>0.20</b>	-	-	-	-
	SUR-22-37 <i>incl</i>	22	24.20	2.20	<b>0.21</b>	-	-	-	-
	SUR-22-37	25	28.00	3.00	<b>0.22</b>	-	-	-	-
	SUR-22-37 <i>incl</i>	25	26.00	1.00	<b>0.24</b>	-	-	-	-
	SUR-22-37	28.45	30.20	1.75	0.13	-	-	-	-
	SUR-22-37	28.45	33.90	5.45	-	-	0.09	-	-
	SUR-22-37 <i>incl</i>	30.2	33.00	2.80	-	-	0.11	-	-
	SUR-22-37	30.2	39.00	8.80	-	1.87	-	-	-
	SUR-22-37 <i>incl</i>	33	36.50	3.50	-	2.48	-	-	-
	SUR-22-37	40.85	46.20	5.35	-	0.39	-	-	-
	SUR-22-37	40.85	44.80	3.95	-	-	0.10	-	-
	SUR-22-37 <i>incl</i>	42.6	44.00	1.40	-	-	0.14	-	-
	SUR-22-37	52.95	72.00	19.05	-	0.37	-	-	-
	SUR-22-37 <i>incl</i>	55.5	69.00	13.50	-	0.43	-	-	-
	SUR-22-37	59.45	60.45	1.00	-	-	0.11	-	-
	SUR-22-37	61.4	62.75	1.35	-	-	0.10	-	-
	SUR-22-37	64.05	66.60	2.55	-	-	0.12	-	-
	SUR-22-37	80	83.25	3.25	-	0.20	-	-	-
	SUR-22-37	100.5	102.00	1.50	-	0.08	-	-	-
	SUR-22-37	106	107.20	1.20	-	0.11	-	-	-
	SUR-22-37	118.5	120.00	1.50	-	0.55	-	-	-
	SUR-22-37 <i>incl</i>	119.55	120.00	0.45	-	1.57	0.10	-	-
	SUR-22-37	122.45	123.80	1.35	-	2.42	-	-	-
	SUR-22-37	123.1	123.80	0.70	-	-	0.20	-	-
	SUR-22-37	129.4	134.10	4.70	-	-	0.13	-	-
	SUR-22-37	129.4	131.00	1.60	-	1.45	-	-	-
	SUR-22-37 <i>incl</i>	129.4	130.10	0.70	-	2.31	-	-	-
	SUR-22-37	130.1	142.50	12.40	0.16	-	-	-	150.10
	SUR-22-37	134.1	135.00	0.90	-	-	-	0.11	-

	<b>SUR-22-37</b>	146.85	148.00	1.15	0.15	-	-	-	-
	<b>SUR-22-37</b>	149	150.00	1.00	0.18	-	-	-	-
	<b>SUR-22-37</b>	150.85	153.00	2.15	0.16	-	-	-	-
	<b>SUR-22-37</b>	152	153.00	1.00	-	-	-	0.12	125.33
	<b>SUR-22-37</b>	155	158.30	3.30	<b>0.20</b>	-	-	0.11	125.33
	<b>SUR-22-37</b> <i>incl</i>	156	158.30	2.30	<b>0.25</b>	-	-	-	-
	<b>SUR-22-37</b>	159.8	163.85	4.05	0.13	-	-	-	-
	<b>SUR-22-37</b>	187.5	190.50	3.00	0.14	-	-	-	-
	<b>SUR-22-37</b>	189	190.50	1.50	-	-	-	0.19	-
	<b>SUR-22-37</b>	267	270.00	3.00	0.12	-	-	-	-
<b>Victoria</b>	<b>SUR-22-38</b>	142.4	144.15	1.75	-	0.24	-	-	-
	<b>SUR-22-38</b>	144.15	145.05	0.90	0.13	-	-	-	135.50
	<b>SUR-22-38</b>	152.9	156.50	3.60	-	0.18	-	-	-
	<b>SUR-22-38</b> <i>incl</i>	154.05	154.35	0.30	-	1.12	-	-	-
	<b>SUR-22-38</b>	154.35	155.25	0.90	0.17	-	-	-	148.50
	<b>SUR-22-38</b>	157.75	158.75	1.00	-	0.19	-	-	-
	<b>SUR-22-38</b>	228.5	229.50	1.00	-	-	-	0.25	-
<b>Victoria</b>	<b>SUR-22-39</b>	195	195.50	0.50	-	0.13	-	-	-
	<b>SUR-22-39</b>	196.2	199.90	3.70	-	0.39	-	-	-
	<b>SUR-22-39</b> <i>incl</i>	197.6	199.90	2.30	-	0.58	-	-	-
	<b>SUR-22-39</b>	201	202.25	1.25	-	0.35	-	-	-
	<b>SUR-22-39</b>	203.45	204.05	0.60	-	0.69	-	-	-
	<b>SUR-22-39</b>	207.05	207.90	0.85	-	0.52	0.12	-	-
	<b>SUR-22-39</b>	207.05	210.00	2.95	0.16	-	-	-	113.48
	<b>SUR-22-39</b>	207.9	208.90	1.00	-	-	0.13	-	209
	<b>SUR-22-39</b>	267.75	271.80	4.05	0.14	-	-	-	-
	<b>SUR-22-39</b>	270.75	271.80	1.05	-	-	-	0.13	-
<b>Victoria</b>	<b>SUR-22-40</b>	111.55	117.40	5.85	-	0.17	-	-	-
	<b>SUR-22-40</b> <i>incl</i>	117	117.40	0.40	-	0.92	-	-	-
	<b>SUR-22-40</b>	114	114.80	0.80	0.17	-	-	-	-

**Table 7 Notable Ag Intervals from the Lalonde portion of the 2022 DDH Program**

Ag					
Location	DDH	From (m)	To (m)	Length (m)	(g/t)
Lalonde	SUR-22-31	147.00	148.25	1.25	9.82
Lalonde	SUR-22-33	36.00	42.20	6.20	0.28
		44.90	56.50	11.60	0.41
Lalonde	SUR-22-34	22.25	75.00	52.75	0.45
		104.10	113.00	8.90	0.44
		108.70	110.40	1.70	1.26
Lalonde	SUR-22-35	147.70	156.00	8.30	0.21
		151.00	153.40	2.40	0.48
		165.50	174.45	8.95	0.40
		169.90	174.45	4.55	0.60
Lalonde	SUR-22-36	144.95	147.60	2.65	0.70
		152.00	159.00	7.00	0.80

**Table 8 Notable Ag and Au Intervals from Victoria portion of the 2022 DDH Program at Victoria**

Ag						Au			
Location	DDH	From (m)	To (m)	Length (m)	(g/t)	From (m)	To (m)	Length (m)	(g/t)
Victoria	SUR-22-37	12.90	13.75	0.85	0.71				
		16.00	18.95	2.95	0.95				
		28.45	35.00	6.55	0.89				
						33.90	35.00	1.10	0.19
						40.85	41.85	1.00	0.54
		42.60	44.00	1.40	1.51				
		52.95	54.00	1.05	0.82				
		59.45	60.45	1.00	0.68				
		248.00	250.50	2.50	0.56	248.00	250.50	2.50	0.55
Victoria	SUR-22-38					142.40	143.15	0.75	0.47
Victoria	SUR-22-40	114.80	115.35	0.55	1.20				





Figure 5 Locations of 2022 Lalonde drillholes



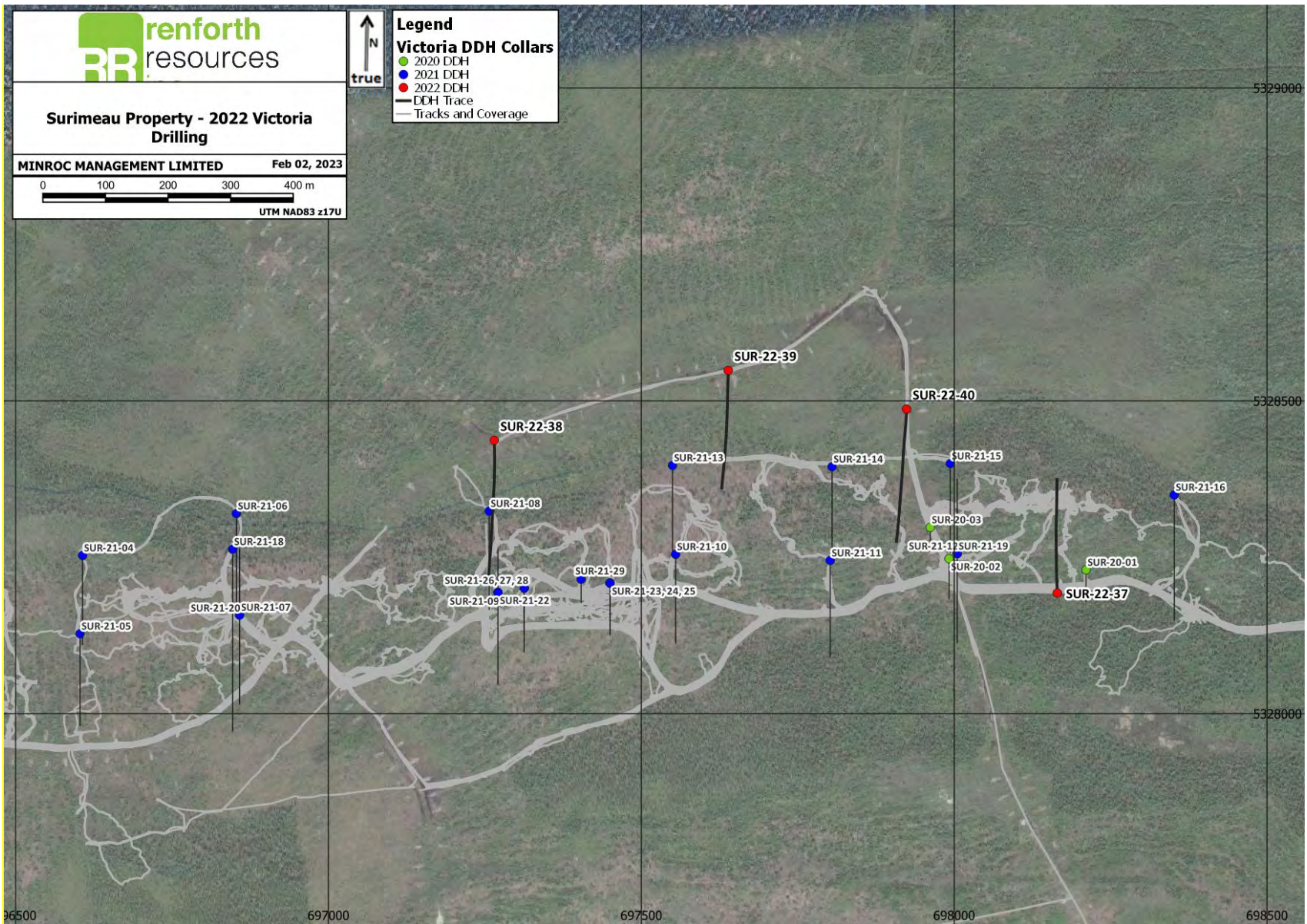


Figure 6 Locations of 2022 Victoria Drillholes

## **10.0 SAMPLE PREPARATION, ANALYSIS AND SECURITY**

Sample material was selected for sampling by Minroc geologists during logging, based on the visible or inferred presence of polymetallic mineralization. Samples taken during this program were split using a standard core splitter setup manufactured by Services Exploration of Rouyn-Noranda. A splitter was chosen over a core saw due to water supply constraints. After splitting, sample material was placed in clear plastic bags along with a unique sample tag identifier. Assay tag numbers were also written on the outside of the bags. Samples were delivered by Minroc personnel to ALS Laboratories in Sudbury at the end of the program where they were tested by “ME-MS41” Aqua Regia with ICP-MS Finish.

ALS ran a QA/QC regime internally alongside the sample assays, including two to three standards (some combination of CCU-1e, EMOG-17, GBM090-14, MP-1b, OREAS 315, OREAS 317, OREAS905, OREAS906, OREAS920, OREAS932, MRGeo08, ) for multielement analysis, as well as routine blanks. All results were reviewed by Minroc and are considered satisfactory by the authors.

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

## **11.0 ADJACENT PROPERTIES**

### **Canadian Malartic**

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

### **Wells-Lacourcière**

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



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

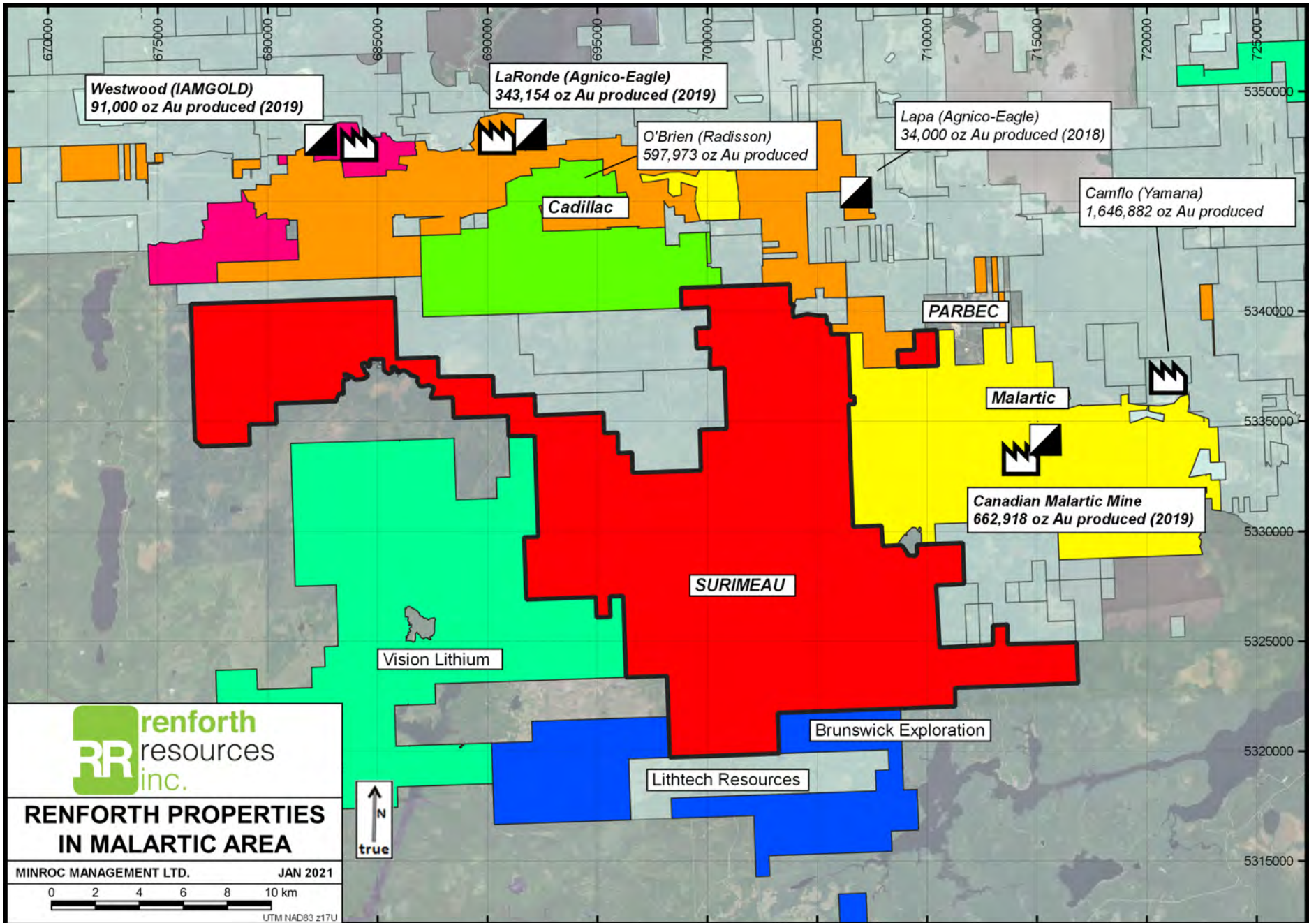


Figure 7 Adjacent Properties

## 12.0 INTERPRETATIONS AND CONCLUSIONS

Minroc Management Limited (Minroc) was retained by Renforth Resources Inc. (Renforth) to complete a drill programs November to December 2022 in the Lalonde and Victoria areas of the Surimeau Property near Malartic, Québec. Drilling took place from November 19<sup>th</sup> to December 13<sup>th</sup>, 2022. A total of 3,076.7 m was drilled. A total of 1,842 samples were taken, including 237 QA/QC samples.

Drilling in the Lalonde area of the Surimeau property was designed to test for depth extensions of known and newly discovered surface mineralization, to test and better locate strike continuations inferred from geophysics and prospecting, to undercut trenches and outcrops with known mineralization, and build upon the 2020-2021 Minroc drilling and sampling programs. This program is the first drilling Renforth has done in the Lalonde area of the Surimeau property. Each hole drilled at Lalonde intersected the mineralized zone, in many instances cutting through both the northern and southern bands of mineralization which have been previously seen on surface during prospecting and trenching completed in 2022.

The purpose of the Victoria portion of this drill program was to test: 1) the Victoria magnetic structures, interpreted as an east-west suite of volcano sedimentary units which are fertile for massive sulphides and intruded with nickeliferous ultramafic sills, set within the wider Pontiac greywackes and/or mica schists with a shallow geophysical anomaly identified during the recent airborne geophysical program; and 2) to test features and mineralization observed on surface from prospecting and trenching, including a northern band of mineralization discovered during summer prospecting work. Each hole drilled in this program at Victoria intersected the mineralized system at Victoria. The 3 holes drilled to test for the northern band of mineralization were successful in intersection the northern zone, however it appears that the northern band of mineralization, in the area between the Summer 2021 stripping (the “Main Trench”) and the Rapide 7 road (~1,400 m to the West) has split to form two bands, making 3 horizons/bands total in the central Victoria area.

This drill program successfully confirmed the continuity of base metal mineralization within the ultramafics, calc-silicate alteration zones, albite shear zones and the graphitic sediments, producing meaningful assay results in nearly all diamond drill holes warranting further exploration efforts for both Lalonde and Victoria areas of the Surimeau property.

The Victoria Main Trench exposes the southern-most mineralized horizon consisting of calc-silicates, albite shear and graphitic mudstones, sandwiched between ultramafics and mafics. The second trend seems to originate roughly 700 m northwest of the main trench near SUR-21-04. It split into northern and southern limbs around SUR-21-18. The southern limb is exposed approx. 50 m north of the Main Trench whereas the northern limb (the third band) splays off further north with a north-south separation of ~250 from the second trend. All the three trends seem to converge towards the east closer to Rapide 7 around SUR-21-17. Although Ni grades up to 1500 ppm are seen in all the three trends, to date Ni grades > 2000 ppm are not seen in samples more than ~200 m north of the southern-most trend, further drilling may change this.

For Victoria, mineralization in DDH is continuous over a 2.2 km strike length, where 5 km of strike is mineralized at least at surface based on prospecting results. This strike length is coincident with a magnetic anomaly clearly visible on government geophysics as well as in the recently completed airborne geophysical survey, which continues west of the current extent of drilling to the western property boundary and east of the current extent of drilling for approximately 15 kilometers, where it ends on the Surimeau property at the Colonie target, which hosts polymetallic mineralization based on historic assessment reports.

For both Victoria and Lalonde, mineralization seems to be related to intrusive ultramafics, carrying consistent nickel and cobalt mineralization, while the strongest copper and zinc mineralization is present in the hanging and footwall zones within the sediments and the main albited shear zone. Except for a few outliers, all the higher-grade Ni (>2000 ppm) assay values are seen within Ultramafics and the Calc-Silicates. Occasional mixing does occur, as evident in the assay results. Surimeau may be an Outokumpu style system in which two different mineralized bodies have been juxtaposed in one location. Both magmatic nickel deposits and volcanogenic massive sulfide deposits can form in the same district, and even in close juxtaposition, however, each form by very different, mutually incompatible mechanisms. It is possible that the nickel accumulation at Surimeau formed through a high temperature immiscible sulfide style process, and that the copper and zinc accumulations formed as a stratiform sediment-dominated sulfide system. It is clear from Outokumpu studies, as well as the descriptions of Surimeau, that it is a closely similar system. Further work must be completed to determine the true nature of the mineralization present on the property.

The calc-silicate altered unit is present at both Lalonde and Victoria and is generally found in the contact zone between the sediments and ultramafics either directly at or on the contact, or proximal to it. This unit resembles quartzite but is green to brown in colour, fine to medium grained with a plagioclase matrix. It is characterized by the presence of Cr-diopsides and stronger mineralization. The calc-silicates are possibly formed due to metasomatism of the ultramafics (Papunen 1981). Ni-bearing minerals inherent to the ultramafics may have been remobilized and/or recrystallized into Ni-sulphides like pyrrhotite and pentlandite within the calc-silicates, the ultramafics and their contact zone. The metasomatism ranges from dolomite to quartzite.

Assays returned silver and gold values up to 0.55 g/t Au and 1.51 g/t Ag at Victoria and up to 1.26 g/t Ag at Lalonde in drill core. Elevated silver values occurred in silicified or ultramafic contact-zone sediments and Albite shear zones with relatively strong sulfide mineralization. The elevated gold values at Victoria (for example: 0.54 g/t Au from 40.85-41.85 m and 0.55 g/t Au from 248-250.35 m in SUR-22-37) occur in hydrothermal alteration zones around carb and qz-carb filled fractures and veinlets, alongside stronger biotite alteration. This has not been seen before in any recent work on the Surimeau property and indicates that there may be gold and silver potential, as these gold values are not insignificant considering the area and surrounding mines.

The Surimeau property is highly prospective for magmatic base-metal deposits. Observations made during the 2020, 2021, and recent 2022 drill programs show that mineralization is present in both the ultramafic and sedimentary units. Observed sulfide mineralization in all

DDH includes chalcopyrite, pentlandite, pyrite, pyrrhotite and sphalerite. These observations were field-tested with the use of a Niton XRF and later confirmed with assay results. Mineralization was observed as broad disseminated zones within the ultramafics, as well as nodules, stringers and semi-massive zones within the graphitic sediments and calc-silicate altered zones. Mixing of sulfides, mainly pentlandite, chalcopyrite and sphalerite was present primarily in the calc-silicate altered ultramafic units, in contact zones between the sediments and ultramafics, and in the graphitic mudstone sedimentary units. These observations are consistent in nearly all holes drilled in the 2020, 2021 and 2022 DDH programs.

### **13.0 RECOMMENDATIONS**

Minroc recommends the following work be completed:

1. Further drilling to continue to expand on known mineralization along strike and at depth. Additionally, drilling should be completed to explore prospective areas based on the 2021 airborne geophysics.
2. If future drilling reveals zones of significant sulfide mineralization, conducting borehole electromagnetic surveys may help in determining if mineralization is strata-bound or has a structural control. Borehole EM can also identify larger sulfide masses at depth.
3. Further trenching at both Victoria and Lalonde may be warranted in order to expand on the newly exposed mineralization at surface. Alternatively, new trenches could be dug along strike either east or west of the current exposure in order to increase strike length at surface.
4. Prospecting along the entire 20 km length of the mag anomaly from the western property boundary to east of the Colonie target in the eastern extremity of the magnetic anomaly, as well as the Lalonde and Huston areas. Particular attention should be paid to prospective areas identified and prioritized in the interpretation of the 2021 Airborne EM / Mag geophysical survey.

## 14.0 REFERENCES

- Agnico-Eagle, 2019: Canadian Malartic. Information from website. URL <https://www.agnicoeagle.com/English/operations-and-development-projects/operations/canadian-malartic/default.aspx>
- Brewster, N 2019: “Renforth’s West Malartic Gold Property Update”. Renforth resources press release dated 22<sup>nd</sup> July 2019
- Germain, L 1938: Report on Work Done with Geologic Information. Brooke Cadillac Gold Mines Ltd. SIGEOM GM 05927
- Ghanem, Y 2008: Report on a Heliborne Magnetic and Time-domain Electromagnetic Survey, Heva Project. For Mark Fekete & Globex Mining Enterprises. SIGEOM GM 63615
- Lacroix, N 1987: Rapport Geologique, Campagne d’Exploration 1987-88, Propriete Surimau. Mines de Metaux Abitibi Ltee. SIGEOM GM 47635
- Lamothe, D; 2011: Potential en mineralisations de sulfures massifs volcanogenes de l’Abitibi – version 2011. Ministère des Ressources naturelles et de la Faune, Québec. SIGEOM EP 2011-01
- Marquis, R 2004: Towards a better understanding of the Superior Province. Mining Information Bulletin, Geologie Québec. URL <https://www.mern.gouv.qc.ca/english/mines/Québec-mines/2004-10/superior.asp>
- MB Geosolutions, 2010: Report on a Ground Magnetic and VLF-EM Geophysical Survey, Malartic West Project. For Knick Exploration. SIGEOM GM 65190
- MERN (Québec Ministère d’Énergie et Ressources Naturelles) 2018: Mine Marbridge. Metallic Substances deposit listing # 32D/08-0039.
- Moreau, A 2014a: Geological Reconnaissance Survey, West Malartic Project. Earthmetrix Technologies Inc. SIGEOM GM 68284
- Moreau, A 2014b: Geological and Structural Interpretations, West Malartic Project. Earthmetrix Technologies Inc. SIGEOM GM 68285
- Huhma, Hannu; Kontinen, Asko; Kuronen, Urpo; Peltonen, Petri; 2007: New mineral deposit model for the Cu-Co-Zn-Ni-Ag-Au sulphide deposits in Outokumpu, Finland
- Ordala Mines Ltd, 1944: Plan showing Geology and Contours of Equal Vertical Magnetic Intensity. SIGEOM GM 07441PLAN
- Papunen, Heikki; 1987: Outokumpu-type ores
- Peltonen, P; Kontinen, A; Huhma, H; Kuronen, U; 2007: Outokumpu revisited: New mineral deposit model for the mantle peridotite-associated Cu-Co-Zn-Ni-Ag-Au sulphide deposits.
- Rafini, S 2014: Typologie des Mineralisations Auriferes Associees a la Faille de Cadillac. Projets 2011-01 et 2012-01. CONSOREM, Universite du Québec a Chicoutimi
- Rehm, A G N, 2020; Emplacement history of mafic-ultramafic volcanic rocks in the northern Pontiac subprovince, Quebec, Canada. MSc thesis

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

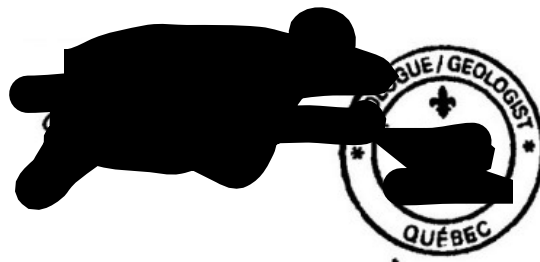
## 15.0 DATE AND SIGNATURE PAGE

I, Francis R Newton, certify that;

1. I reside at 1518 Jasmine Crescent, Oakville Ontario L6H 3H3 and I am a geologist practitioner for Minroc Management Limited, office address 2857 Sherwood Heights Unit 2, Oakville Ontario L6J 7J9.
2. This certificate applies to the technical report entitled "Report on the 2022 Diamond Drilling Program at The Surimeau Property Abitibi-Témiscamingue, Québec", dated December 20, 2022.
3. I am a graduate of the Laurentian University, Sudbury, Ontario with a Bachelor of Science in Geology (2014) and I have practiced my profession continuously.
4. I am a member of the Order des Geologues du Quebec (OGQ) Membership Number 2129.
5. I am a member of the Association of Professional Geoscientists of Ontario (APGO), Membership Number 1330.
6. I am a qualified person.
7. I prepared and am responsible for all sections 1.0 to 16.0 of this Technical Report.
8. I am independent of Renforth Resources.
9. As of the date of this certificate, to the best of my knowledge, information and belief, this Technical Report contains all scientific and technical information that is required to be disclosed to make this Technical Report not misleading.

Effective Date: December 20, 2022

Francis R Newton, P. Geo





## **16.0 APPENDICES**

### *16.1 Photos*



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



Photo 2 – Drill arrival on site in November.





Photo 3 – Drilling SUR-22-38 in December 2022.



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



## 16.2 Assay Certs



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 604 984 0221 Fax: +1 604 984 0218  
 www.alsglobal.com/geochemistry

To: **MINROC MANAGEMENT LTD.**  
**2857 SHERWOOD HEIGHTS DRIVE, UNIT 2**  
**OAKVILLE ON L6J 7J9**

Page: 1  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 This copy reported on 6-FEB-2023  
 Account: MINMAN

**SD22365028**

Project: LAL-VIC 2022 DDH  
 P.O. No.: BATCH 2  
 This report is for 50 samples of 1/2 Core submitted to our lab in Sudbury, ON,  
 Canada on 19-DEC-2022.

The following have access to data associated with this certificate:

SAHIL ALURKAR  
 FRANCIS NEWTON

FRANCIS NEWTON  
 BRIAN NEWTON

BRIAN NEWTON  
 ACCESS WEBTRIEVE

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Cu-OG46	Ore Grade Cu - Aqua Regia	
ME-MS41	Ultra Trace Aqua Regia ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**

Saa Traxler, Director, North Vancouver Operations





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Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365028**

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Units		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
LOD		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
96501		4.68	0.02	2.61	0.4	<0.02	<10	320	0.09	0.12	1.16	0.01	0.66	49.6	1330	6.06
96502		0.74	0.19	0.35	2.3	<0.02	10	40	0.27	0.03	11.45	0.02	21.0	3.7	18	0.13
96503		4.82	0.01	1.88	0.5	<0.02	<10	<10	<0.05	0.40	3.47	0.04	1.70	49.8	1360	0.40
96504		4.41	0.01	1.29	3.3	<0.02	<10	<10	<0.05	0.36	3.15	0.05	0.93	51.9	1055	0.25
96505		0.06	3.05	0.37	26.1	0.58	<10	10	0.05	0.56	0.41	0.90	3.04	1105	79	0.47
96506		4.63	0.01	1.01	31.9	<0.02	10	<10	<0.05	0.45	3.48	0.04	0.88	55.3	864	0.54
96507		4.55	0.02	0.90	2.0	<0.02	<10	10	<0.05	0.24	6.79	0.07	1.72	48.2	660	0.31
96508		4.06	0.03	2.53	0.1	<0.02	<10	10	<0.05	0.17	2.60	0.04	2.97	67.8	1335	1.17
96509		3.89	0.01	4.37	0.6	<0.02	<10	830	0.25	0.43	0.39	0.01	16.40	59.0	1065	12.20
96510		5.26	0.01	3.20	3.0	<0.02	<10	10	<0.05	0.37	0.42	0.01	5.59	62.7	1560	1.34
96511		4.63	0.01	1.21	1.8	<0.02	<10	10	<0.05	0.25	5.35	0.07	2.10	52.6	915	0.32
96512		<0.02	0.01	1.10	1.9	<0.02	<10	10	<0.05	0.27	5.16	0.07	1.91	49.2	840	0.31
96513		4.73	0.01	1.13	4.2	<0.02	10	10	<0.05	0.38	3.85	0.04	0.88	63.2	902	0.95
96514		1.95	0.01	1.50	0.9	<0.02	<10	<10	<0.05	0.23	3.62	0.05	1.22	52.2	1205	0.35
96515		2.52	0.03	2.22	0.3	<0.02	<10	<10	<0.05	0.31	2.71	0.06	1.31	57.2	1605	0.67
96516		4.80	0.01	1.53	0.8	<0.02	<10	<10	<0.05	0.22	3.68	0.05	1.19	52.6	1245	0.36
96517		5.04	0.03	2.41	4.1	<0.02	<10	10	<0.05	0.25	0.71	0.02	0.58	51.4	1585	0.83
96518		4.26	0.01	3.34	0.4	<0.02	<10	10	<0.05	0.35	0.88	0.01	18.20	50.5	972	0.67
96519		4.66	0.02	2.10	0.1	<0.02	<10	10	<0.05	0.10	1.80	0.03	1.25	51.8	1590	0.73
96520		4.74	0.03	2.10	0.6	<0.02	<10	10	<0.05	0.32	3.15	0.05	2.08	53.6	1540	0.72
96521		4.62	0.02	1.90	0.4	<0.02	<10	<10	<0.05	0.16	2.79	0.05	1.58	52.6	1460	0.70
96522		0.74	0.03	0.49	0.6	<0.02	<10	40	0.22	0.02	6.16	0.02	47.3	3.3	28	0.36
96523		5.04	0.01	2.79	4.9	<0.02	<10	10	<0.05	0.16	0.49	0.01	0.68	55.5	1865	1.42
96524		5.12	0.01	2.12	6.9	<0.02	<10	10	<0.05	0.10	2.09	0.03	1.65	53.5	1700	0.66
96525		4.94	0.02	1.66	0.3	<0.02	<10	<10	<0.05	0.17	3.63	0.05	1.26	50.9	1350	0.35
96526		4.88	0.03	0.96	4.0	<0.02	10	80	<0.05	0.28	4.55	0.05	1.04	59.3	963	1.16
96527		4.23	0.02	1.94	5.8	<0.02	<10	<10	<0.05	0.13	3.41	0.05	1.24	54.7	1555	0.41
96528		4.68	0.02	2.20	3.3	<0.02	<10	10	<0.05	0.12	2.78	0.05	1.12	55.8	1745	0.68
96529		4.96	0.02	1.92	0.1	<0.02	<10	10	<0.05	0.13	4.00	0.05	1.53	47.6	1460	0.57
96530		5.01	0.02	3.01	<0.1	<0.02	<10	350	0.17	0.14	1.46	0.02	5.52	57.3	1565	7.29
96531		5.01	0.01	3.44	2.7	<0.02	<10	550	0.24	0.07	0.56	0.02	1.04	66.4	1920	9.19
96532		4.72	0.02	1.76	1.5	<0.02	<10	<10	<0.05	0.14	2.88	0.04	1.12	45.6	1465	0.56
96533		4.75	0.03	1.17	0.5	<0.02	10	10	<0.05	0.24	4.24	0.05	1.34	54.8	1140	0.70
96534		4.61	0.02	1.08	1.9	<0.02	10	20	<0.05	0.23	3.94	0.05	1.09	52.2	1145	0.59
96535		4.65	0.01	1.93	10.5	<0.02	<10	<10	<0.05	0.11	2.63	0.05	1.06	48.7	1435	0.61
96536		4.79	0.05	1.88	0.1	<0.02	<10	10	<0.05	0.24	3.80	0.06	1.31	51.1	1440	0.59
96537		5.34	0.06	1.98	0.8	<0.02	<10	30	<0.05	0.28	4.04	0.08	1.47	43.6	1245	0.62
96538		4.80	0.01	2.08	3.3	<0.02	<10	<10	<0.05	0.11	2.47	0.04	1.07	49.0	1615	0.98
96539		4.38	0.02	1.66	0.1	<0.02	<10	<10	<0.05	0.16	3.90	0.05	1.44	46.6	1255	0.53
96540		4.68	0.02	1.89	1.2	<0.02	<10	10	<0.05	0.12	3.29	0.04	1.42	46.7	1340	0.73

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*





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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
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Page: 2 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
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 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365028**

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units LOD	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
96501		18.1	4.32	6.28	0.11	0.02	<0.01	0.008	0.81	0.3	19.9	4.38	440	0.18	0.06	<0.05
96502		80.5	1.26	1.50	0.07	0.18	0.01	0.008	0.08	8.9	8.6	4.85	460	2.20	0.05	0.51
96503		50.0	3.97	4.84	0.11	<0.02	<0.01	0.011	<0.01	0.6	2.6	5.86	700	0.10	0.01	<0.05
96504		39.8	4.10	3.37	0.13	<0.02	<0.01	0.013	<0.01	0.3	1.3	5.35	534	0.05	0.01	<0.05
96505		>10000	31.9	1.72	0.44	0.07	0.01	0.103	0.03	1.6	3.1	0.39	169	1.38	0.02	0.15
96506		33.5	4.05	2.61	0.12	<0.02	<0.01	0.011	<0.01	0.3	1.2	6.19	618	<0.05	0.01	<0.05
96507		35.0	3.40	2.10	0.09	<0.02	0.04	0.009	<0.01	0.7	1.4	7.91	914	0.35	<0.01	<0.05
96508		78.3	4.25	6.35	0.14	0.02	0.03	0.012	0.05	1.4	28.7	7.71	511	0.19	0.06	<0.05
96509		12.8	5.23	9.99	0.20	0.06	0.02	0.019	1.78	7.6	66.0	9.59	266	0.22	0.10	<0.05
96510		11.6	4.81	8.12	0.16	0.02	<0.01	0.016	0.04	2.2	21.4	7.85	234	0.14	0.06	<0.05
96511		48.0	3.42	3.22	0.12	<0.02	<0.01	0.010	<0.01	0.9	3.7	6.48	883	0.07	0.01	<0.05
96512		47.4	3.29	2.89	0.11	<0.02	<0.01	0.010	<0.01	0.8	3.3	6.14	849	0.07	0.01	<0.05
96513		50.0	4.13	2.75	0.15	<0.02	<0.01	0.009	<0.01	0.3	1.9	7.48	784	0.09	<0.01	<0.05
96514		52.5	4.17	3.58	0.12	<0.02	<0.01	0.012	<0.01	0.4	2.5	6.18	602	0.07	<0.01	<0.05
96515		45.5	4.54	5.30	0.14	<0.02	<0.01	0.015	<0.01	0.5	7.3	7.01	617	0.08	0.03	<0.05
96516		47.1	4.30	3.45	0.12	<0.02	<0.01	0.014	<0.01	0.4	2.6	6.29	621	0.05	0.01	<0.05
96517		19.3	4.22	5.61	0.13	<0.02	<0.01	0.015	<0.01	0.2	5.6	6.03	231	0.12	0.03	<0.05
96518		5.7	3.97	7.09	0.17	0.03	<0.01	0.023	0.01	8.1	11.6	8.15	273	0.07	0.06	<0.05
96519		31.1	4.37	5.09	0.13	<0.02	<0.01	0.011	<0.01	0.5	12.6	6.18	385	0.13	0.07	<0.05
96520		49.9	4.39	5.15	0.13	<0.02	<0.01	0.012	<0.01	0.8	11.7	6.74	593	0.13	0.06	<0.05
96521		52.3	3.92	4.72	0.12	<0.02	<0.01	0.011	<0.01	0.7	6.7	6.23	581	0.14	0.05	<0.05
96522		7.8	1.60	2.48	0.07	0.12	<0.01	0.011	0.20	22.8	18.0	3.03	381	1.64	0.03	0.21
96523		7.2	5.28	6.15	0.14	<0.02	<0.01	0.019	0.01	0.2	16.6	6.90	244	0.20	0.07	<0.05
96524		30.2	4.36	5.06	0.12	<0.02	<0.01	0.017	<0.01	0.6	5.5	6.10	483	0.08	0.02	<0.05
96525		49.2	4.35	3.78	0.11	<0.02	<0.01	0.013	<0.01	0.5	3.8	6.44	739	0.06	0.01	<0.05
96526		58.4	4.16	2.43	0.13	<0.02	<0.01	0.009	<0.01	0.4	2.1	6.83	829	0.08	<0.01	<0.05
96527		31.4	4.88	4.27	0.12	<0.02	<0.01	0.015	<0.01	0.4	4.6	6.80	723	0.06	0.01	<0.05
96528		33.5	4.94	4.99	0.14	<0.02	<0.01	0.016	<0.01	0.4	7.0	6.96	660	0.07	0.03	<0.05
96529		53.1	4.20	4.44	0.12	<0.02	<0.01	0.012	<0.01	0.6	7.5	7.03	835	0.07	0.03	<0.05
96530		21.0	5.20	6.18	0.13	<0.02	<0.01	0.014	1.04	2.4	28.0	7.73	456	0.13	0.07	<0.05
96531		19.6	6.49	6.94	0.14	<0.02	<0.01	0.016	1.68	0.4	29.4	8.04	336	0.19	0.07	<0.05
96532		51.0	4.28	4.02	0.10	<0.02	<0.01	0.012	<0.01	0.4	3.7	6.07	581	0.09	0.02	<0.05
96533		60.0	4.30	2.79	0.11	<0.02	<0.01	0.011	<0.01	0.5	1.6	7.23	725	0.06	0.01	<0.05
96534		50.3	4.00	2.56	0.10	<0.02	<0.01	0.010	<0.01	0.4	1.8	6.57	743	0.07	<0.01	<0.05
96535		34.0	4.27	4.22	0.11	<0.02	<0.01	0.015	<0.01	0.3	4.2	6.19	580	<0.05	0.02	<0.05
96536		36.8	4.21	4.67	0.12	<0.02	<0.01	0.015	<0.01	0.5	5.7	6.58	680	<0.05	0.03	<0.05
96537		36.4	3.70	4.57	0.11	<0.02	<0.01	0.012	<0.01	0.5	5.9	6.65	714	0.05	0.03	<0.05
96538		31.7	4.38	4.78	0.13	<0.02	<0.01	0.018	<0.01	0.4	3.9	6.40	476	0.05	0.02	<0.05
96539		39.9	3.77	3.89	0.11	<0.02	<0.01	0.012	<0.01	0.5	3.8	6.29	579	0.10	0.02	<0.05
96540		32.8	4.05	4.40	0.13	<0.02	<0.01	0.014	<0.01	0.5	4.5	6.44	541	0.06	0.02	<0.05



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
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Page: 2 - C  
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Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365028**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
96501		426	110	1.6	44.1	<0.001	0.01	<0.05	3.1	0.5	<0.2	67.2	<0.01	0.02	<0.2	0.086
96502		9.5	260	13.2	3.3	0.002	0.07	<0.05	1.4	0.7	0.4	102.0	0.01	0.01	1.5	0.051
96503		665	210	2.5	0.3	<0.001	0.14	<0.05	5.2	0.3	<0.2	330	<0.01	0.03	<0.2	0.022
96504		847	10	1.9	0.1	<0.001	0.18	<0.05	10.9	0.4	<0.2	361	<0.01	0.06	<0.2	0.019
96505		>10000	60	36.9	1.5	0.040	>10.0	0.24	1.3	13.1	0.8	4.8	<0.01	0.85	0.5	0.035
96506		945	30	2.0	0.2	<0.001	0.17	<0.05	8.5	0.4	<0.2	382	<0.01	0.06	<0.2	0.014
96507		818	60	5.0	0.1	<0.001	0.24	0.06	8.5	0.4	<0.2	853	<0.01	0.08	<0.2	0.013
96508		1170	190	3.6	3.8	<0.001	0.36	<0.05	6.3	0.3	<0.2	289	<0.01	0.05	0.2	0.015
96509		614	990	1.6	75.9	0.002	0.03	<0.05	9.0	0.2	<0.2	53.9	<0.01	0.04	1.3	0.096
96510		740	510	1.6	2.6	<0.001	0.05	<0.05	7.6	<0.2	<0.2	53.9	<0.01	0.03	1.0	0.023
96511		923	20	3.6	0.2	<0.001	0.28	<0.05	8.8	0.2	<0.2	656	<0.01	0.06	<0.2	0.014
96512		887	10	3.4	0.2	<0.001	0.27	<0.05	8.2	0.4	<0.2	650	<0.01	0.06	<0.2	0.011
96513		1135	40	2.3	0.3	<0.001	0.25	<0.05	9.8	0.3	<0.2	599	<0.01	0.06	<0.2	0.016
96514		783	60	2.5	0.2	<0.001	0.17	<0.05	11.4	<0.2	<0.2	495	<0.01	0.04	<0.2	0.016
96515		832	80	5.7	0.4	<0.001	0.15	<0.05	7.0	0.2	<0.2	306	<0.01	0.04	<0.2	0.023
96516		835	70	2.4	0.2	<0.001	0.19	<0.05	10.7	0.3	<0.2	504	<0.01	0.04	<0.2	0.015
96517		747	50	5.1	0.4	<0.001	0.04	<0.05	3.4	<0.2	<0.2	71.1	<0.01	0.03	<0.2	0.026
96518		557	1170	1.4	0.5	<0.001	0.02	<0.05	9.7	<0.2	<0.2	90.5	<0.01	0.03	1.1	0.034
96519		809	70	2.1	0.4	<0.001	0.06	<0.05	2.6	0.2	<0.2	177.5	<0.01	0.03	<0.2	0.023
96520		849	70	2.4	0.4	<0.001	0.08	<0.05	3.1	<0.2	<0.2	328	<0.01	0.03	<0.2	0.022
96521		841	60	2.2	0.4	<0.001	0.13	<0.05	3.1	<0.2	<0.2	308	<0.01	0.04	<0.2	0.024
96522		13.7	330	2.9	11.7	<0.001	0.03	<0.05	2.3	<0.2	0.4	46.4	<0.01	0.01	4.0	0.055
96523		587	90	1.3	1.3	<0.001	0.02	<0.05	5.0	<0.2	<0.2	42.6	<0.01	0.01	<0.2	0.036
96524		702	240	2.1	0.4	<0.001	0.06	<0.05	3.8	0.2	<0.2	192.0	<0.01	0.03	<0.2	0.024
96525		776	50	2.6	0.2	<0.001	0.15	<0.05	9.8	<0.2	<0.2	431	<0.01	0.03	<0.2	0.020
96526		1030	40	2.5	0.4	<0.001	0.19	<0.05	8.7	0.3	<0.2	571	<0.01	0.06	<0.2	0.013
96527		743	80	2.4	0.3	<0.001	0.12	<0.05	11.1	<0.2	<0.2	379	<0.01	0.03	<0.2	0.024
96528		699	90	2.1	0.4	<0.001	0.07	<0.05	7.4	0.2	<0.2	295	<0.01	0.03	<0.2	0.024
96529		699	50	2.8	0.4	<0.001	0.09	<0.05	6.7	0.2	<0.2	444	<0.01	0.03	<0.2	0.020
96530		732	320	4.0	46.7	<0.001	0.06	<0.05	6.8	<0.2	<0.2	149.0	<0.01	0.02	0.4	0.061
96531		668	200	0.9	70.9	<0.001	0.03	<0.05	11.6	<0.2	0.2	64.5	<0.01	0.02	<0.2	0.092
96532		663	30	2.3	0.4	<0.001	0.10	<0.05	6.7	<0.2	<0.2	317	<0.01	0.04	<0.2	0.020
96533		898	40	3.3	0.3	<0.001	0.15	<0.05	9.4	0.3	<0.2	529	<0.01	0.04	<0.2	0.018
96534		891	30	2.7	0.2	<0.001	0.14	<0.05	8.5	0.2	<0.2	475	<0.01	0.04	<0.2	0.014
96535		561	100	2.0	0.3	<0.001	0.06	<0.05	9.4	0.2	<0.2	279	<0.01	0.02	<0.2	0.010
96536		715	20	9.9	0.3	<0.001	0.08	<0.05	8.7	0.2	<0.2	418	<0.01	0.04	<0.2	0.010
96537		559	60	13.5	0.3	<0.001	0.04	<0.05	6.1	<0.2	<0.2	420	<0.01	0.03	<0.2	0.010
96538		623	70	2.0	0.4	<0.001	0.06	<0.05	6.2	<0.2	<0.2	250	<0.01	0.02	<0.2	0.014
96539		684	40	2.7	0.2	<0.001	0.12	<0.05	9.0	0.3	<0.2	451	<0.01	0.04	<0.2	0.010
96540		600	110	3.0	0.4	<0.001	0.08	<0.05	9.2	<0.2	<0.2	359	<0.01	0.03	<0.2	0.011



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Page: 2 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365028**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Cu-OG46	CRU-QC	PUL-QC
		TI	U	V	W	Y	Zn	Zr	Cu	Pass2mm	Pass75um
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
		0.02	0.05	1	0.05	0.05	2	0.5	0.001	0.01	0.01
96501		0.28	<0.05	93	2.00	1.62	35	0.5		85.0	91.0
96502		0.05	1.02	11	0.18	8.48	14	4.4			
96503		<0.02	<0.05	77	0.40	4.48	26	<0.5		80.2	
96504		<0.02	<0.05	54	0.13	3.94	21	<0.5			91.7
96505		0.07	0.11	18	3.22	1.32	67	2.5	1.375		
96506		<0.02	<0.05	44	0.27	4.04	21	<0.5			
96507		<0.02	<0.05	38	0.14	7.46	18	<0.5			
96508		0.04	0.18	75	0.10	3.36	37	0.8			
96509		0.54	0.44	116	0.09	7.43	56	4.0			
96510		0.03	0.65	122	0.17	4.42	47	0.7			
96511		<0.02	0.06	49	0.12	4.67	20	<0.5			
96512		<0.02	<0.05	45	0.12	4.45	19	<0.5			
96513		<0.02	<0.05	50	0.16	4.23	19	<0.5			
96514		<0.02	<0.05	68	0.06	5.55	21	<0.5			
96515		<0.02	<0.05	84	0.13	4.10	36	<0.5			
96516		<0.02	<0.05	74	0.06	5.28	22	<0.5			
96517		<0.02	0.05	95	0.09	1.36	33	<0.5			
96518		<0.02	0.18	89	0.06	8.71	43	1.2			
96519		<0.02	<0.05	88	0.05	2.20	35	<0.5			
96520		<0.02	<0.05	83	0.10	3.04	35	<0.5			
96521		<0.02	<0.05	71	0.11	2.55	33	<0.5			
96522		0.08	0.46	17	<0.05	7.81	20	3.6			
96523		<0.02	<0.05	114	0.06	1.94	39	<0.5			
96524		<0.02	<0.05	91	0.07	4.19	31	<0.5			
96525		<0.02	<0.05	75	0.05	5.09	25	<0.5			
96526		<0.02	<0.05	55	0.10	4.74	19	<0.5			
96527		<0.02	<0.05	90	0.06	5.53	29	<0.5			
96528		<0.02	<0.05	98	0.06	4.73	31	<0.5			
96529		<0.02	<0.05	78	0.06	4.87	30	<0.5			
96530		0.34	0.07	107	0.06	3.44	44	0.5			
96531		0.54	<0.05	146	<0.05	2.23	49	<0.5			
96532		<0.02	<0.05	76	0.06	3.77	27	<0.5			
96533		<0.02	<0.05	62	0.07	5.82	21	<0.5			
96534		<0.02	<0.05	62	0.06	4.82	19	<0.5			
96535		<0.02	<0.05	83	0.06	4.72	27	<0.5			
96536		<0.02	<0.05	79	0.07	5.03	26	<0.5			
96537		<0.02	<0.05	69	0.07	5.70	26	<0.5			
96538		<0.02	<0.05	90	0.08	3.96	29	<0.5			
96539		<0.02	<0.05	68	0.06	5.66	24	<0.5			91.5
96540		<0.02	<0.05	75	0.08	5.77	26	<0.5		79.5	91.5

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Page: 3 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365028**

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Units		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
LOD		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
96541		2.43	0.02	1.92	0.4	<0.02	<10	10	<0.05	0.13	3.46	0.05	1.42	49.7	1330	0.73
96542		2.55	0.02	1.85	0.1	<0.02	<10	10	<0.05	0.11	3.22	0.05	1.28	45.9	1345	0.69
96543		4.64	0.02	1.75	0.4	<0.02	<10	<10	<0.05	0.14	2.75	0.05	1.21	48.1	1325	0.74
96544		5.26	0.02	1.88	<0.1	<0.02	<10	<10	<0.05	0.16	2.86	0.04	1.31	51.6	1435	0.93
96545		<0.02	0.02	1.88	0.3	<0.02	<10	<10	<0.05	0.17	2.84	0.04	1.28	50.5	1445	0.92
96546		4.94	0.03	1.89	0.2	<0.02	<10	<10	<0.05	0.17	2.74	0.05	1.16	50.8	1340	0.98
96547		4.75	0.04	1.90	<0.1	<0.02	<10	<10	<0.05	0.20	2.25	0.04	1.10	51.5	1215	1.09
96548		5.84	0.02	3.36	0.4	<0.02	<10	670	0.12	0.08	0.31	0.01	0.71	55.7	1655	13.90
96549		5.03	0.14	2.65	<0.1	<0.02	<10	920	0.28	0.24	1.10	0.02	33.1	32.9	713	8.78
96550		5.09	0.08	1.76	<0.1	<0.02	<10	980	0.34	0.03	2.07	0.05	81.5	22.2	267	3.86

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Page: 3 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365028
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Sample Description	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Method Analyte Units LOD	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
96541	49.0	3.83	4.22	0.11	<0.02	<0.01	0.013	<0.01	0.5	4.6	6.59	552	0.12	0.03	<0.05
96542	53.1	3.93	4.14	0.12	<0.02	<0.01	0.013	<0.01	0.4	4.3	6.28	509	<0.05	0.02	<0.05
96543	52.0	3.91	4.21	0.12	<0.02	<0.01	0.015	<0.01	0.4	3.7	5.58	467	<0.05	0.01	<0.05
96544	50.3	4.21	4.52	0.14	<0.02	<0.01	0.013	<0.01	0.4	3.5	5.94	522	<0.05	0.01	<0.05
96545	46.3	4.25	4.36	0.15	<0.02	<0.01	0.013	<0.01	0.4	3.4	5.90	518	<0.05	0.01	<0.05
96546	66.2	3.84	4.49	0.12	<0.02	0.01	0.013	<0.01	0.4	3.5	5.81	507	<0.05	0.02	<0.05
96547	74.2	3.20	4.75	0.08	<0.02	<0.01	0.013	<0.01	0.4	3.9	5.52	409	0.08	0.03	<0.05
96548	32.8	5.14	7.07	0.13	<0.02	<0.01	0.008	2.16	0.3	34.4	6.35	339	<0.05	0.03	<0.05
96549	40.5	3.11	6.15	0.13	0.13	<0.01	0.007	2.22	15.4	80.5	3.90	420	0.05	0.14	<0.05
96550	93.9	2.65	4.99	0.17	0.34	0.01	0.013	1.18	37.6	58.6	2.25	404	0.08	0.15	0.06

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Page: 3 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS	SD22365028
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Sample Description	Method Analyte																
	Units	LOD	ME-MS41 Ni	ME-MS41 P	ME-MS41 Pb	ME-MS41 Rb	ME-MS41 Re	ME-MS41 S	ME-MS41 Sb	ME-MS41 Sc	ME-MS41 Se	ME-MS41 Sn	ME-MS41 Sr	ME-MS41 Ta	ME-MS41 Te	ME-MS41 Th	ME-MS41 Ti
	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005		
96541	707	50	2.6	0.3	<0.001	0.11	<0.05	6.7	0.2	<0.2	377	<0.01	0.04	<0.2	0.011		
96542	633	50	2.3	0.3	<0.001	0.10	<0.05	6.8	<0.2	<0.2	343	<0.01	0.03	<0.2	0.011		
96543	651	70	2.1	0.3	0.001	0.11	<0.05	6.3	0.3	<0.2	296	<0.01	0.03	<0.2	0.011		
96544	721	60	2.2	0.4	<0.001	0.13	<0.05	6.0	0.3	<0.2	298	<0.01	0.03	<0.2	0.013		
96545	720	60	2.3	0.4	<0.001	0.12	<0.05	5.7	0.5	<0.2	290	<0.01	0.03	<0.2	0.014		
96546	766	40	2.1	0.4	<0.001	0.15	<0.05	4.5	0.5	<0.2	278	<0.01	0.04	<0.2	0.012		
96547	853	20	1.9	0.4	0.001	0.13	<0.05	2.1	0.3	<0.2	218	<0.01	0.04	<0.2	0.014		
96548	571	110	2.2	94.5	<0.001	0.01	<0.05	2.8	0.3	<0.2	22.5	<0.01	0.02	<0.2	0.101		
96549	276	900	2.4	101.0	<0.001	<0.01	<0.05	4.4	0.2	0.2	68.2	<0.01	0.01	1.5	0.165		
96550	108.5	1960	5.3	63.4	<0.001	0.09	<0.05	5.0	0.3	0.3	143.5	<0.01	0.02	4.4	0.173		

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Page: 3 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365028
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Sample Description	Method Analyte Units LOD	ME-MS41 TI ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	Cu-OG46 Cu % 0.001	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
96541		<0.02	<0.05	69	0.11	5.42	26	<0.5			
96542		<0.02	<0.05	72	0.06	5.02	25	<0.5			
96543		<0.02	<0.05	73	0.09	4.33	25	<0.5			
96544		<0.02	<0.05	81	0.08	4.51	26	<0.5			
96545		<0.02	<0.05	82	0.11	4.40	25	<0.5			
96546		<0.02	<0.05	73	0.10	3.64	26	<0.5			
96547		<0.02	<0.05	61	0.06	2.28	25	<0.5			
96548		0.72	<0.05	112	<0.05	1.12	42	<0.5			
96549		0.79	0.26	55	<0.05	3.15	43	4.9			
96550		0.53	0.74	53	0.07	6.22	46	13.5			

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Page: Appendix 1  
 Total # Appendix Pages: 1  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365028**

	<b>CERTIFICATE COMMENTS</b>															
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).            ME-MS41</p>															
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-22</td> <td style="width: 15%;"></td> <td style="width: 15%;">LOG-22d</td> </tr> <tr> <td>LOG-24</td> <td>PUL-31</td> <td>PUL-31d</td> <td></td> <td>PUL-QC</td> </tr> <tr> <td>SPL-21</td> <td>SPL-21d</td> <td>WEI-21</td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-22		LOG-22d	LOG-24	PUL-31	PUL-31d		PUL-QC	SPL-21	SPL-21d	WEI-21		
CRU-31	CRU-QC	LOG-22		LOG-22d												
LOG-24	PUL-31	PUL-31d		PUL-QC												
SPL-21	SPL-21d	WEI-21														
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Cu-OG46</td> <td style="width: 33%;">ME-MS41</td> <td style="width: 33%;">ME-OG46</td> <td></td> </tr> </table>	Cu-OG46	ME-MS41	ME-OG46												
Cu-OG46	ME-MS41	ME-OG46														



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Page: 1  
 Total # Pages: 2 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 29-JAN-2023  
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**SD22365017**

Project: LAL-VIC 2022 DDH  
 P.O. No.: BATCH 1  
 This report is for 33 samples of Rock submitted to our lab in Sudbury, ON, Canada  
 on 19-DEC-2022.

The following have access to data associated with this certificate:

SAHIL ALURKAR  
 FRANCIS NEWTON

FRANCIS NEWTON  
 BRIAN NEWTON

BRIAN NEWTON  
 ACCESS WEBTRIEVE

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS41	Ultra Trace Aqua Regia ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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**Signature:**

Saa Traxler, Director, North Vancouver Operations



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Page: 2 - A  
 Total # Pages: 2 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 29-JAN-2023  
 Account: MINMAN

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**CERTIFICATE OF ANALYSIS SD22365017**

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
67268		2.85	0.06	1.88	0.3	<0.02	<10	410	0.16	0.15	0.73	0.05	56.2	22.3	201	2.42
67269		2.59	0.07	2.99	<0.1	<0.02	<10	280	0.20	0.21	0.16	0.08	36.7	26.9	171	5.30
67270		2.70	0.11	2.88	0.2	<0.02	<10	230	0.20	0.22	0.18	0.07	42.4	29.4	166	4.69
67271		2.88	0.49	1.34	0.2	<0.02	<10	30	0.27	1.18	0.34	1.07	69.3	49.6	150	1.80
67272		0.67	0.03	0.40	0.4	<0.02	10	40	0.30	0.03	12.65	0.02	40.8	4.8	8	0.54
67273		3.07	0.27	1.12	0.1	<0.02	<10	130	0.22	0.37	0.31	3.69	63.4	28.7	98	1.61
67274		3.06	0.42	1.52	0.7	<0.02	<10	60	0.22	0.90	0.39	14.60	71.2	80.0	146	2.39
67275		2.92	0.25	1.26	0.1	<0.02	<10	80	0.21	0.24	0.45	1.33	56.4	32.9	306	1.93
67276		3.17	0.37	1.41	0.1	<0.02	<10	100	0.13	0.49	0.29	7.39	51.7	38.5	83	2.31
67277		3.63	0.41	1.28	<0.1	<0.02	<10	140	0.12	0.32	0.46	1.13	40.3	38.4	178	2.09
67278		3.23	0.07	2.33	7.8	<0.02	<10	520	0.17	0.27	0.34	0.02	16.25	47.1	808	7.87
67279		2.59	0.01	1.97	0.7	<0.02	<10	420	0.23	0.20	0.80	0.02	42.2	31.3	685	6.16
67280		3.28	0.14	2.10	0.8	<0.02	<10	130	0.07	0.52	0.34	0.02	1.08	75.4	1160	3.28
67281		4.12	0.04	1.15	0.3	<0.02	<10	<10	<0.05	0.72	4.72	0.06	2.72	73.3	793	0.11
67282		4.16	0.04	2.76	2.7	<0.02	<10	540	0.39	0.35	0.58	0.02	19.35	51.6	865	11.75
67283		4.41	0.10	2.19	0.1	<0.02	<10	130	0.09	0.45	0.44	0.01	0.65	65.4	1225	3.49
67284		4.21	0.17	3.27	<0.1	<0.02	<10	310	0.16	0.59	1.20	0.02	18.20	65.0	1220	6.25
67285		4.35	0.05	1.78	<0.1	<0.02	<10	<10	<0.05	0.49	1.18	0.02	1.78	64.3	1040	0.17
67286		4.18	0.07	2.89	0.2	<0.02	<10	480	0.30	0.31	0.26	0.01	6.16	55.2	1285	14.05
67287		4.60	0.08	2.26	0.3	<0.02	<10	280	0.16	0.34	2.86	0.02	0.78	67.9	1185	6.05
67288		4.60	0.06	1.93	<0.1	<0.02	<10	150	0.09	0.42	1.20	0.02	9.47	60.2	842	3.50
67289		4.43	0.11	2.26	0.1	<0.02	<10	190	0.12	0.33	0.37	0.01	0.85	63.6	1190	4.30
67290		4.13	0.05	2.86	0.2	<0.02	<10	240	0.13	0.26	0.28	0.01	18.65	63.2	1140	5.26
67291		1.80	0.06	2.98	1.5	<0.02	<10	370	0.17	0.21	0.13	0.01	0.40	67.1	1375	11.05
67292		1.84	0.06	3.06	3.2	<0.02	<10	390	0.18	0.21	0.12	0.01	0.44	67.4	1420	11.35
67293		3.89	0.02	3.02	1.8	<0.02	<10	920	0.41	0.14	0.95	0.02	50.9	41.1	760	14.85
67294		4.25	0.05	1.77	0.5	<0.02	<10	420	0.27	0.08	1.12	0.03	30.7	20.5	280	3.65
67295		<0.02	0.06	1.73	0.5	<0.02	<10	400	0.26	0.08	1.08	0.03	31.3	20.9	273	3.72
67296		4.47	0.12	2.96	1.4	<0.02	<10	450	0.11	0.44	0.19	0.01	0.62	62.9	1200	9.23
67297		3.96	0.09	2.87	0.2	<0.02	<10	350	0.08	0.24	0.17	0.01	3.42	67.3	1205	7.20
67298		4.20	0.03	1.90	2.2	<0.02	<10	350	0.26	0.07	1.16	0.03	29.2	24.9	440	5.57
67299		3.97	0.05	2.45	0.1	<0.02	<10	<10	<0.05	0.19	0.27	0.01	0.62	73.6	1420	0.57
67300		4.17	0.09	3.59	<0.1	<0.02	<10	940	0.14	0.23	0.76	0.02	15.55	60.1	1185	10.75



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - B  
 Total # Pages: 2 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 29-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365017**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
67268		54.2	3.02	7.73	0.18	0.20	<0.01	0.021	1.11	27.5	16.2	1.65	343	1.20	0.07	0.21
67269		57.8	4.44	12.60	0.15	0.19	<0.01	0.043	1.98	17.4	29.6	1.93	395	3.45	0.07	0.23
67270		61.4	4.82	11.25	0.18	0.15	<0.01	0.036	1.86	21.0	30.0	2.05	553	2.88	0.04	0.18
67271		454	7.85	6.01	0.27	0.50	<0.01	0.033	0.80	32.2	16.6	1.12	262	17.45	0.06	0.18
67272		6.3	1.15	2.05	0.08	0.13	<0.01	0.015	0.12	19.5	16.8	5.35	734	0.67	0.03	0.27
67273		163.5	3.91	5.47	0.19	0.27	<0.01	0.261	0.62	31.8	13.4	0.84	219	14.85	0.07	0.31
67274		531	7.29	9.70	0.31	0.32	0.01	3.02	1.06	33.2	19.6	1.35	304	20.6	0.06	0.25
67275		173.0	3.61	7.02	0.25	0.24	<0.01	0.325	0.65	29.1	16.8	1.33	355	3.45	0.06	0.23
67276		273	3.96	10.00	0.30	0.29	0.01	1.325	0.91	24.3	14.9	1.30	371	10.45	0.06	0.09
67277		697	3.74	7.46	0.22	0.21	<0.01	0.245	0.80	18.8	12.0	1.13	339	7.55	0.07	0.11
67278		74.9	3.03	8.32	0.16	0.06	<0.01	0.013	1.96	7.5	29.0	3.32	274	4.07	0.04	<0.05
67279		4.4	2.48	6.48	0.20	0.16	<0.01	0.012	1.38	19.2	32.2	2.90	299	0.11	0.08	0.05
67280		94.2	3.55	5.76	0.18	0.02	<0.01	0.010	0.73	0.5	12.4	4.00	178	0.20	0.01	<0.05
67281		46.4	3.39	3.01	0.17	<0.02	<0.01	0.011	<0.01	1.6	1.1	4.44	679	0.24	0.01	<0.05
67282		26.7	3.29	8.67	0.19	0.13	<0.01	0.013	2.18	7.7	41.1	4.31	299	0.15	0.03	0.05
67283		106.5	3.10	5.86	0.13	<0.02	<0.01	0.007	0.71	0.3	17.9	3.81	225	0.23	0.01	<0.05
67284		53.8	4.34	7.30	0.20	0.02	<0.01	0.013	1.22	8.1	28.3	5.15	416	0.12	0.02	<0.05
67285		99.6	2.85	4.49	0.14	<0.02	<0.01	0.011	0.01	1.0	2.2	3.54	236	0.16	0.01	<0.05
67286		69.2	3.46	9.74	0.15	0.04	<0.01	0.009	2.51	2.9	42.1	4.99	224	0.08	0.02	<0.05
67287		80.5	3.50	6.14	0.13	<0.02	<0.01	0.009	1.15	0.4	26.1	3.68	492	0.07	0.03	<0.05
67288		76.9	2.87	5.17	0.12	0.03	<0.01	0.009	0.71	4.6	15.1	3.83	264	0.19	0.02	<0.05
67289		98.9	3.09	6.35	0.08	0.02	<0.01	0.007	0.78	0.5	23.6	3.84	248	0.10	0.01	<0.05
67290		58.7	3.82	6.78	0.10	0.05	<0.01	0.007	1.03	7.5	28.1	4.81	235	0.08	0.01	<0.05
67291		83.9	3.88	7.83	0.11	<0.02	<0.01	0.007	1.86	0.2	41.9	5.18	237	0.08	0.02	<0.05
67292		77.3	3.91	8.08	0.13	<0.02	<0.01	0.009	1.90	0.2	44.0	5.28	249	0.39	0.02	<0.05
67293		7.7	3.76	8.53	0.16	0.14	<0.01	0.011	2.55	24.5	80.2	4.33	378	0.16	0.10	<0.05
67294		26.3	2.67	4.90	0.13	0.17	<0.01	0.015	0.84	14.1	38.5	2.22	350	0.28	0.21	<0.05
67295		26.0	2.59	4.99	0.12	0.17	<0.01	0.015	0.82	15.4	37.9	2.17	344	0.21	0.20	<0.05
67296		99.5	4.11	7.52	0.13	<0.02	<0.01	0.005	1.81	0.3	55.3	4.91	288	0.11	0.02	<0.05
67297		105.5	3.98	7.55	0.12	0.02	<0.01	0.005	1.36	1.9	46.6	4.78	272	0.07	0.02	<0.05
67298		9.0	2.60	5.39	0.14	0.14	<0.01	0.015	0.95	14.8	33.3	2.81	342	0.13	0.18	<0.05
67299		93.4	3.57	6.61	0.07	<0.02	<0.01	0.007	0.01	0.4	6.8	4.45	215	0.09	0.01	<0.05
67300		105.5	4.72	8.53	0.12	0.03	<0.01	0.011	2.09	6.8	68.4	5.44	423	0.13	0.05	<0.05

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - C  
 Total # Pages: 2 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 29-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365017**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
67268		77.1	1210	2.4	52.6	0.001	0.29	<0.05	8.7	0.3	0.5	20.9	0.01	0.03	4.3	0.225
67269		116.0	500	3.2	100.5	0.001	0.49	<0.05	14.6	0.4	0.8	7.2	<0.01	0.06	4.1	0.270
67270		124.5	580	3.3	96.1	0.002	0.87	<0.05	13.2	0.6	0.8	4.7	<0.01	0.08	5.2	0.246
67271		147.0	750	6.4	43.8	0.008	4.31	<0.05	8.3	3.8	0.6	15.4	<0.01	0.32	7.5	0.146
67272		6.3	550	1.9	8.6	0.001	0.06	<0.05	2.6	0.9	0.3	94.3	<0.01	0.01	4.0	0.059
67273		100.0	440	6.6	36.9	0.006	1.70	<0.05	6.9	2.2	1.3	23.2	0.01	0.11	8.1	0.138
67274		216	970	7.6	65.4	0.008	3.43	<0.05	13.4	5.9	1.5	14.2	0.01	0.26	6.0	0.171
67275		143.0	660	10.6	42.5	0.001	1.72	<0.05	7.3	1.6	3.1	12.3	0.01	0.07	5.5	0.159
67276		97.4	630	11.6	58.1	0.005	2.04	<0.05	15.6	3.4	3.6	8.7	<0.01	0.33	4.5	0.172
67277		185.5	840	5.6	45.8	0.004	1.59	<0.05	10.4	2.0	1.7	15.8	<0.01	0.17	2.8	0.200
67278		599	380	2.8	111.0	0.003	0.38	<0.05	3.2	0.6	0.4	11.2	<0.01	0.05	0.9	0.163
67279		322	1280	1.6	76.3	<0.001	0.02	<0.05	3.7	0.2	0.4	29.5	<0.01	0.02	2.7	0.141
67280		1085	120	2.4	42.1	0.001	1.02	<0.05	2.8	0.8	<0.2	21.8	<0.01	0.09	<0.2	0.054
67281		1135	60	2.0	0.3	0.001	1.20	<0.05	5.5	0.7	<0.2	420	<0.01	0.15	<0.2	0.010
67282		616	1100	1.7	128.5	<0.001	0.17	<0.05	4.5	0.4	0.3	52.5	<0.01	0.06	2.6	0.169
67283		984	80	3.0	36.8	<0.001	0.78	<0.05	1.7	0.6	<0.2	43.3	<0.01	0.06	<0.2	0.059
67284		698	780	6.1	63.6	<0.001	0.75	<0.05	7.1	0.6	<0.2	143.5	<0.01	0.09	1.0	0.109
67285		1070	60	0.9	0.4	0.001	0.88	<0.05	2.0	0.6	<0.2	70.4	<0.01	0.10	<0.2	0.020
67286		817	410	1.6	134.5	0.001	0.33	<0.05	2.3	0.5	0.2	15.8	<0.01	0.06	0.8	0.147
67287		946	90	3.5	62.9	<0.001	0.74	<0.05	2.0	0.9	<0.2	342	<0.01	0.07	<0.2	0.088
67288		1005	420	1.6	37.4	<0.001	0.70	<0.05	2.7	0.5	<0.2	134.5	<0.01	0.07	0.8	0.059
67289		797	60	2.3	46.7	<0.001	0.53	0.05	1.6	<0.2	<0.2	21.5	<0.01	0.03	<0.2	0.080
67290		727	760	2.2	56.3	<0.001	0.60	<0.05	2.0	0.3	<0.2	26.2	<0.01	0.02	1.0	0.091
67291		839	60	1.2	95.4	<0.001	0.46	<0.05	2.1	0.6	<0.2	4.8	<0.01	0.04	0.2	0.104
67292		818	70	1.1	96.2	0.001	0.43	<0.05	2.5	0.5	<0.2	4.8	<0.01	0.05	<0.2	0.109
67293		337	1430	3.6	133.0	<0.001	0.03	<0.05	4.6	0.3	0.3	70.8	<0.01	<0.01	3.4	0.197
67294		86.7	950	4.5	46.5	<0.001	0.02	<0.05	6.6	0.2	0.3	35.6	<0.01	<0.01	2.8	0.137
67295		85.1	940	4.6	45.9	<0.001	0.02	<0.05	6.9	<0.2	0.2	36.9	<0.01	0.01	2.9	0.135
67296		660	150	6.5	99.9	0.001	0.44	0.05	2.0	0.3	<0.2	6.9	<0.01	0.08	<0.2	0.130
67297		750	140	4.2	75.4	<0.001	0.49	<0.05	1.8	0.4	<0.2	6.0	<0.01	0.02	0.4	0.111
67298		187.5	930	3.3	53.4	<0.001	0.04	<0.05	6.1	<0.2	0.3	55.0	<0.01	0.01	2.3	0.122
67299		898	80	0.8	0.6	<0.001	0.76	<0.05	2.0	0.6	<0.2	11.4	<0.01	0.06	<0.2	0.024
67300		747	540	6.3	107.5	0.001	0.17	<0.05	8.0	0.4	0.2	41.9	<0.01	0.04	1.1	0.151



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To: MINROC MANAGEMENT LTD.  
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Page: 2 - D  
 Total # Pages: 2 (A - D)  
 Plus Appendix Pages  
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**CERTIFICATE OF ANALYSIS SD22365017**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	CRU-QC	PUL-QC	
		TI	U	V	W	Y	Zn	Zr		
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	Pass2mm %	Pass75um %
		0.02	0.05	1	0.05	0.05	2	0.5	0.01	0.01
67268		0.30	1.04	76	0.14	8.50	71	7.3	82.0	89.8
67269		1.23	1.12	109	0.09	5.13	121	7.5		82.4
67270		1.76	1.41	103	0.13	6.86	108	5.8		
67271		0.90	1.76	56	0.28	10.10	258	18.2		90.5
67272		0.09	0.66	25	<0.05	13.00	16	3.5		
67273		0.82	1.60	51	0.26	11.20	1380	8.9		
67274		1.42	1.18	74	0.32	17.15	7020	11.6		
67275		1.13	1.12	67	0.22	9.49	699	7.8		
67276		1.52	0.73	87	0.15	11.65	3050	10.4		
67277		0.96	0.35	78	0.60	7.98	585	7.8		
67278		0.92	0.15	56	0.10	1.74	87	2.6		
67279		0.59	0.51	49	0.11	4.03	51	6.2		
67280		0.34	<0.05	59	<0.05	0.66	24	0.5		
67281		0.03	<0.05	41	0.06	4.06	17	<0.5		
67282		0.93	0.55	69	2.91	3.88	62	6.2		
67283		0.27	<0.05	52	0.06	0.52	27	<0.5		
67284		0.46	0.13	105	0.14	4.47	41	0.7		
67285		0.03	<0.05	52	0.07	0.95	23	<0.5		
67286		1.09	0.26	69	0.06	1.22	56	1.6		
67287		0.51	<0.05	57	0.05	1.40	29	<0.5		
67288		0.31	0.15	50	<0.05	1.89	25	1.2		
67289		0.36	0.05	56	0.06	0.47	32	<0.5		
67290		0.40	0.23	75	0.08	1.66	43	2.5		
67291		0.69	0.08	73	<0.05	0.35	56	<0.5		
67292		0.67	0.05	72	<0.05	0.36	62	<0.5		
67293		0.91	0.72	74	0.07	4.25	65	5.1		
67294		0.31	0.48	64	0.55	4.26	51	6.2		
67295		0.32	0.51	63	1.52	4.24	49	6.3		
67296		0.72	<0.05	73	<0.05	0.61	42	<0.5		
67297		0.52	0.08	67	0.06	0.60	51	0.5		
67298		0.34	0.47	68	0.10	4.25	48	4.8		
67299		0.02	<0.05	72	0.34	0.58	34	<0.5		
67300		0.76	0.16	109	0.15	3.68	55	0.9		



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Page: Appendix 1  
 Total # Appendix Pages: 1  
 Finalized Date: 29-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365017**

	<b>CERTIFICATE COMMENTS</b>												
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).            ME-MS41</p>												
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-22</td> <td style="width: 15%;">LOG-22d</td> </tr> <tr> <td>PUL-31</td> <td>PUL-31d</td> <td>PUL-QC</td> <td>SPL-21</td> </tr> <tr> <td>SPL-21d</td> <td>WEI-21</td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-22	LOG-22d	PUL-31	PUL-31d	PUL-QC	SPL-21	SPL-21d	WEI-21		
CRU-31	CRU-QC	LOG-22	LOG-22d										
PUL-31	PUL-31d	PUL-QC	SPL-21										
SPL-21d	WEI-21												
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.            ME-MS41</p>												





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Page: 1  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 29-JAN-2023  
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**SD22365040**

Project: LAL-VIC 2022 DDH  
 P.O. No.: BATCH 3  
 This report is for 50 samples of 1/2 Core submitted to our lab in Sudbury, ON,  
 Canada on 19-DEC-2022.

The following have access to data associated with this certificate:

SAHIL ALURKAR  
 FRANCIS NEWTON

FRANCIS NEWTON  
 BRIAN NEWTON

BRIAN NEWTON  
 ACCESS WEBTRIEVE

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS41	Ultra Trace Aqua Regia ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**

Saa Traxler, Director, North Vancouver Operations



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Page: 2 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 29-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365040**

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Units		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
LOD		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
96551		5.00	0.05	2.54	0.2	<0.02	<10	1040	0.25	0.06	1.37	0.04	53.3	31.5	396	9.94
96552		0.80	0.04	0.47	0.3	<0.02	10	70	0.25	0.03	7.90	0.03	37.9	4.0	14	0.28
96553		5.21	0.04	3.66	0.2	<0.02	<10	630	0.05	0.06	0.22	0.01	0.58	63.0	1420	12.10
96554		5.16	0.03	2.97	0.6	<0.02	<10	20	<0.05	0.06	0.18	0.01	0.53	60.2	1545	2.38
96555		5.27	0.03	2.91	0.8	<0.02	<10	130	<0.05	0.08	0.17	0.01	0.35	59.3	1465	4.10
96556		5.35	0.02	2.84	0.3	<0.02	<10	70	<0.05	0.06	0.15	0.01	0.30	62.8	1510	2.75
96557		5.20	0.03	3.14	0.4	<0.02	<10	520	0.08	0.06	0.23	0.01	0.79	59.8	1380	10.90
96558		5.25	0.03	2.59	<0.1	<0.02	<10	410	0.21	0.07	0.89	0.02	28.9	45.2	1005	8.85
96559		4.90	0.03	2.42	0.4	<0.02	<10	10	<0.05	0.09	0.80	0.01	0.68	56.9	1525	1.04
96560		5.03	0.03	2.80	0.3	<0.02	<10	50	<0.05	0.07	0.22	0.01	1.56	58.0	1375	2.54
96561		5.64	0.02	2.78	0.3	<0.02	<10	<10	<0.05	0.06	0.22	0.01	0.49	56.5	1320	1.36
96562		<0.02	0.03	2.65	0.2	<0.02	<10	<10	<0.05	0.05	0.20	0.01	0.48	54.7	1260	1.34
96563		5.65	0.02	2.69	0.4	<0.02	<10	10	<0.05	0.07	0.31	<0.01	0.49	56.1	1335	1.42
96564		3.03	0.02	2.89	0.3	<0.02	<10	40	<0.05	0.07	0.58	0.01	0.84	57.5	1400	2.31
96565		2.10	0.02	2.86	0.5	<0.02	<10	60	<0.05	0.09	0.22	0.01	0.51	57.9	1355	2.71
96566		5.34	0.02	2.68	0.1	<0.02	<10	60	<0.05	0.05	0.23	0.01	0.47	53.4	1300	2.59
96567		4.73	0.02	3.06	0.4	<0.02	<10	150	<0.05	0.04	0.20	0.01	0.58	53.6	1265	4.14
96568		5.08	0.02	3.64	0.1	<0.02	<10	470	<0.05	0.05	0.19	0.01	0.72	62.1	1470	10.55
96569		4.67	0.02	2.45	0.2	<0.02	<10	<10	<0.05	0.12	1.00	0.02	0.73	55.3	1405	1.12
96570		5.12	0.02	1.99	0.4	<0.02	<10	10	<0.05	0.11	4.01	0.04	1.90	53.1	1210	0.74
96571		5.35	0.05	3.01	0.4	<0.02	<10	10	<0.05	0.13	0.24	0.02	0.70	62.0	1475	1.38
96572		0.72	0.06	0.64	<0.1	<0.02	10	90	0.33	0.02	11.15	0.03	38.7	7.5	32	0.36
96573		5.01	0.07	3.07	0.3	<0.02	<10	180	<0.05	0.06	0.21	0.02	2.28	57.2	1245	4.10
96574		4.72	0.03	2.81	0.1	<0.02	<10	460	0.08	0.08	0.41	0.01	1.10	49.8	1115	9.08
96575		4.86	0.03	3.11	0.2	<0.02	<10	310	0.06	0.06	0.47	0.01	2.80	54.3	1200	5.23
96576		4.75	0.07	2.86	0.5	<0.02	<10	10	<0.05	0.07	1.05	0.02	0.94	57.9	1350	1.85
96577		5.00	0.04	3.35	0.5	<0.02	<10	430	0.07	0.08	0.59	0.01	14.90	61.0	1235	8.03
96578		5.07	0.03	2.92	0.2	<0.02	<10	430	0.22	0.05	1.01	0.02	51.4	48.1	976	5.74
96579		5.16	0.06	3.30	0.1	<0.02	<10	1060	0.30	0.08	0.89	0.02	16.15	57.6	1140	11.50
96580		5.14	0.06	3.11	0.1	<0.02	<10	890	0.52	0.09	1.53	0.03	19.10	49.9	912	9.95
96581		5.16	0.02	2.61	0.1	<0.02	10	800	0.67	0.07	1.99	0.03	96.6	31.0	476	8.06
96582		4.60	0.07	3.59	0.5	<0.02	<10	420	0.07	0.21	0.20	0.01	4.96	65.9	1375	7.34
96583		4.87	0.03	2.39	0.5	<0.02	<10	10	<0.05	0.10	1.41	0.02	1.74	58.0	1185	1.57
96584		4.67	0.03	2.52	0.8	<0.02	<10	10	<0.05	0.10	0.93	0.01	1.08	60.5	1275	1.78
96585		4.81	0.03	2.50	<0.1	<0.02	<10	490	0.33	0.07	1.25	0.03	28.9	36.7	615	5.67
96586		4.89	0.01	2.49	<0.1	<0.02	<10	1750	0.37	0.05	1.27	0.02	74.7	31.7	584	4.29
96587		1.71	0.11	1.43	0.1	<0.02	10	90	0.66	0.08	4.14	0.07	40.0	14.1	19	0.19
96588		3.01	0.04	2.03	<0.1	<0.02	<10	2020	0.49	0.08	2.09	0.03	81.2	23.6	283	2.22
96589		4.98	0.12	2.56	<0.1	<0.02	10	1570	0.56	0.36	2.22	0.03	86.8	32.4	383	5.25
96590		4.66	0.02	2.93	0.3	<0.02	<10	1260	0.15	0.05	0.43	0.01	14.80	49.0	1175	10.90



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Page: 2 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 29-JAN-2023  
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Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365040**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
96551		34.3	3.46	6.54	0.19	0.25	<0.01	0.016	1.85	26.7	62.0	3.57	429	0.47	0.20	<0.05
96552		7.6	1.34	2.09	0.08	0.13	<0.01	0.016	0.17	16.4	13.3	3.91	609	0.63	0.02	0.11
96553		47.1	4.81	7.76	0.13	0.02	0.01	0.008	2.09	0.3	45.3	6.23	363	0.12	0.03	<0.05
96554		79.4	3.93	6.47	0.12	<0.02	<0.01	0.007	0.06	0.4	9.6	5.31	266	<0.05	0.02	<0.05
96555		70.0	3.86	6.64	0.09	<0.02	<0.01	0.007	0.49	0.2	16.0	5.26	254	0.20	0.03	<0.05
96556		84.1	3.86	6.48	0.11	<0.02	<0.01	0.007	0.25	0.2	11.9	5.10	241	0.08	0.03	<0.05
96557		54.7	4.03	8.03	0.11	<0.02	<0.01	0.007	1.81	0.4	38.4	5.61	280	0.07	0.04	<0.05
96558		40.9	3.51	6.54	0.13	0.08	<0.01	0.011	1.26	15.4	30.7	4.47	326	0.05	0.12	<0.05
96559		93.3	3.28	5.50	0.08	<0.02	<0.01	0.008	0.01	0.4	3.3	4.84	310	0.09	0.01	<0.05
96560		78.3	3.60	6.55	0.09	<0.02	<0.01	0.008	0.20	0.9	9.3	5.11	228	0.09	0.03	<0.05
96561		80.5	3.55	6.31	0.09	<0.02	<0.01	0.009	0.01	0.3	4.8	5.10	229	0.06	0.02	<0.05
96562		80.1	3.41	6.24	0.09	<0.02	<0.01	0.011	0.01	0.3	4.6	4.85	217	0.06	0.02	<0.05
96563		67.0	3.49	6.37	0.09	<0.02	<0.01	0.008	0.02	0.2	4.4	5.05	227	0.05	0.02	<0.05
96564		70.5	3.82	6.96	0.11	0.02	<0.01	0.008	0.12	0.4	6.2	5.46	290	0.06	0.03	<0.05
96565		66.6	3.64	6.89	0.10	<0.02	<0.01	0.009	0.22	0.2	8.2	5.29	237	0.13	0.02	<0.05
96566		71.2	3.54	6.19	0.11	0.02	<0.01	0.007	0.23	0.2	8.6	5.01	244	0.15	0.03	<0.05
96567		40.1	3.76	6.80	0.09	<0.02	<0.01	0.006	0.56	0.3	17.5	5.39	298	0.11	0.04	<0.05
96568		47.7	5.03	7.91	0.13	<0.02	<0.01	0.010	1.62	0.3	29.2	6.59	290	<0.05	0.03	<0.05
96569		75.2	3.24	5.78	0.08	<0.02	<0.01	0.007	0.01	0.3	2.8	5.25	325	0.06	0.02	<0.05
96570		71.4	3.20	4.76	0.07	<0.02	<0.01	0.008	0.01	0.9	2.5	5.80	744	0.05	0.01	<0.05
96571		88.8	3.91	7.06	0.09	<0.02	<0.01	0.008	0.02	0.4	9.2	5.90	248	0.09	0.03	<0.05
96572		19.0	2.13	2.93	0.09	0.17	<0.01	0.023	0.24	21.5	15.8	4.73	814	1.34	0.04	0.17
96573		90.3	3.79	6.93	0.11	0.02	<0.01	0.010	0.61	1.1	21.2	5.42	265	0.10	0.04	<0.05
96574		25.5	3.41	6.71	0.11	0.02	<0.01	0.006	1.51	0.6	34.0	5.09	289	0.05	0.04	<0.05
96575		58.1	3.91	6.91	0.11	0.02	<0.01	0.007	0.89	1.4	24.6	5.35	321	0.12	0.03	<0.05
96576		89.7	3.68	6.65	0.10	<0.02	<0.01	0.009	0.02	0.5	5.5	5.56	365	0.05	0.02	<0.05
96577		86.3	4.32	7.95	0.15	0.03	<0.01	0.009	1.22	7.9	26.9	6.12	293	0.10	0.03	<0.05
96578		39.1	3.71	7.27	0.16	0.09	<0.01	0.009	1.15	24.2	30.7	5.08	314	0.11	0.09	<0.05
96579		111.5	4.15	8.61	0.17	0.05	<0.01	0.005	2.68	7.6	58.6	5.86	352	0.06	0.07	<0.05
96580		71.6	4.07	7.90	0.18	0.12	<0.01	0.011	2.17	9.9	48.4	5.28	442	0.23	0.18	<0.05
96581		7.8	3.56	6.89	0.22	0.28	<0.01	0.021	1.54	47.3	36.2	3.81	464	0.06	0.33	0.09
96582		67.5	4.49	8.52	0.16	0.02	<0.01	0.010	1.26	2.6	37.9	6.58	289	0.08	0.06	<0.05
96583		94.9	3.36	5.77	0.11	0.02	<0.01	0.009	0.01	0.9	4.4	4.97	379	0.06	0.02	<0.05
96584		100.0	3.64	6.06	0.12	<0.02	<0.01	0.009	0.02	0.6	5.5	5.03	313	0.11	0.02	<0.05
96585		29.2	3.58	6.36	0.15	0.19	<0.01	0.013	1.18	15.1	31.9	3.98	393	0.07	0.24	<0.05
96586		4.5	3.33	6.86	0.19	0.32	<0.01	0.013	1.78	36.9	74.6	3.48	401	0.21	0.19	0.08
96587		89.8	3.00	4.31	0.15	0.37	<0.01	0.029	0.14	20.4	8.3	1.12	709	0.13	0.43	0.36
96588		12.4	3.19	5.35	0.20	0.33	<0.01	0.019	0.97	40.6	43.4	2.69	483	0.32	0.32	0.09
96589		43.5	3.73	7.22	0.23	0.33	<0.01	0.018	1.19	43.1	39.2	3.50	511	0.07	0.31	0.07
96590		4.9	3.61	7.47	0.15	0.04	<0.01	0.005	2.61	6.8	60.1	4.89	325	0.10	0.04	<0.05



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Page: 2 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 29-JAN-2023  
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Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365040**

Sample Description	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Method Analyte Units LOD	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
96551	176.0	1290	5.5	84.7	<0.001	<0.01	<0.05	6.0	0.2	0.3	99.1	<0.01	0.01	3.1	0.197
96552	8.6	600	1.8	7.9	<0.001	0.01	<0.05	2.4	0.2	0.2	59.3	<0.01	0.01	3.1	0.042
96553	615	110	2.9	86.7	<0.001	0.10	<0.05	2.7	0.3	<0.2	16.3	<0.01	0.01	<0.2	0.129
96554	705	110	0.9	3.6	<0.001	0.21	<0.05	2.0	0.5	<0.2	16.5	<0.01	0.03	<0.2	0.039
96555	695	100	3.1	25.1	<0.001	0.18	0.07	2.0	0.4	<0.2	15.0	<0.01	0.02	<0.2	0.056
96556	749	80	0.3	12.8	<0.001	0.24	<0.05	1.9	0.3	<0.2	12.3	<0.01	0.03	<0.2	0.047
96557	700	150	2.3	78.9	0.001	0.14	<0.05	2.2	0.3	<0.2	17.7	<0.01	0.03	<0.2	0.107
96558	493	580	2.8	61.8	<0.001	0.07	<0.05	3.5	<0.2	<0.2	90.6	<0.01	0.01	1.8	0.105
96559	809	70	0.6	0.8	<0.001	0.23	<0.05	1.9	0.3	<0.2	96.0	<0.01	0.04	<0.2	0.028
96560	705	130	1.1	10.0	<0.001	0.12	<0.05	2.0	0.2	<0.2	24.4	<0.01	0.02	0.2	0.046
96561	749	120	0.4	1.1	<0.001	0.19	<0.05	2.0	0.2	<0.2	25.3	<0.01	0.02	<0.2	0.037
96562	706	110	0.3	1.2	<0.001	0.19	<0.05	1.9	<0.2	<0.2	24.3	<0.01	0.03	<0.2	0.036
96563	738	100	0.5	1.3	<0.001	0.18	<0.05	2.1	0.2	<0.2	38.2	<0.01	0.02	<0.2	0.036
96564	737	120	0.9	6.0	<0.001	0.17	<0.05	2.1	0.2	<0.2	83.4	<0.01	0.02	<0.2	0.051
96565	755	120	1.4	10.2	0.001	0.13	<0.05	1.8	0.2	<0.2	24.2	<0.01	0.03	<0.2	0.051
96566	709	100	0.4	11.0	<0.001	0.14	<0.05	2.0	<0.2	<0.2	18.6	<0.01	0.02	<0.2	0.055
96567	652	140	1.0	25.9	<0.001	0.03	<0.05	1.9	0.2	<0.2	18.8	<0.01	0.01	<0.2	0.074
96568	611	160	0.4	72.4	<0.001	0.09	<0.05	3.3	<0.2	<0.2	18.2	<0.01	0.02	<0.2	0.123
96569	803	50	0.8	0.7	<0.001	0.20	<0.05	1.8	0.3	<0.2	143.0	<0.01	0.04	<0.2	0.032
96570	796	110	2.1	0.4	<0.001	0.19	<0.05	2.1	0.2	<0.2	658	<0.01	0.04	<0.2	0.027
96571	815	130	7.0	1.5	<0.001	0.18	<0.05	2.1	0.3	<0.2	30.9	<0.01	0.04	<0.2	0.038
96572	18.2	460	4.8	14.6	<0.001	0.05	<0.05	2.8	0.2	0.4	128.5	<0.01	0.01	8.6	0.088
96573	704	200	0.7	26.3	<0.001	0.07	<0.05	4.2	0.2	<0.2	22.7	<0.01	0.02	0.2	0.075
96574	636	170	4.9	67.9	<0.001	0.06	<0.05	2.4	0.2	<0.2	42.9	<0.01	0.01	<0.2	0.111
96575	635	200	2.5	38.4	<0.001	0.08	<0.05	2.1	0.3	<0.2	68.7	<0.01	0.02	0.3	0.089
96576	773	130	0.7	1.4	<0.001	0.23	<0.05	2.1	<0.2	<0.2	147.5	<0.01	0.03	<0.2	0.043
96577	741	470	1.1	58.5	<0.001	0.15	<0.05	4.9	0.3	<0.2	85.1	<0.01	0.03	1.1	0.096
96578	522	1720	2.9	49.7	<0.001	0.12	<0.05	3.3	<0.2	<0.2	142.5	<0.01	0.01	2.0	0.106
96579	641	670	5.1	118.0	<0.001	0.18	<0.05	3.1	0.4	<0.2	124.5	<0.01	0.03	0.7	0.165
96580	536	730	5.5	97.1	<0.001	0.12	<0.05	5.9	<0.2	0.2	185.5	<0.01	0.03	1.5	0.161
96581	238	2450	3.4	70.9	<0.001	0.01	<0.05	7.3	<0.2	0.4	211	<0.01	0.01	5.4	0.180
96582	791	220	7.3	53.8	<0.001	0.14	<0.05	3.4	0.3	<0.2	33.1	<0.01	0.03	0.4	0.099
96583	813	190	1.3	1.0	<0.001	0.35	<0.05	2.1	0.4	<0.2	270	<0.01	0.05	<0.2	0.032
96584	810	140	1.7	1.4	0.001	0.39	<0.05	1.9	0.2	<0.2	165.5	<0.01	0.04	<0.2	0.036
96585	357	1100	2.9	50.2	<0.001	0.02	<0.05	8.4	<0.2	0.2	95.6	<0.01	0.02	2.4	0.142
96586	270	2020	3.6	84.4	<0.001	<0.01	<0.05	4.9	0.2	0.3	101.5	<0.01	<0.01	5.4	0.223
96587	9.2	1670	7.6	1.4	0.001	0.03	<0.05	10.8	0.2	0.5	245	0.01	<0.01	3.3	0.167
96588	86.6	3030	3.5	51.1	<0.001	<0.01	<0.05	10.8	0.2	0.3	165.0	<0.01	0.01	5.3	0.214
96589	164.0	2410	8.4	65.7	<0.001	<0.01	<0.05	9.1	<0.2	0.3	248	<0.01	0.02	5.3	0.202
96590	492	470	4.3	118.5	<0.001	<0.01	<0.05	2.4	<0.2	<0.2	32.2	<0.01	0.01	0.5	0.155



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 29-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365040**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	CRU-QC	PUL-QC
		Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Pass2mm %	Pass75um %
		0.02	0.05	1	0.05	0.05	2	0.5	0.01	0.01
96551		0.59	0.55	66	0.24	4.66	54	8.9	78.6	91.3
96552		0.05	0.47	18	<0.05	14.20	17	3.3		94.6
96553		0.57	<0.05	98	0.08	0.85	40	<0.5		
96554		0.03	<0.05	82	0.33	0.74	31	<0.5		
96555		0.17	<0.05	79	0.21	0.69	31	<0.5		
96556		0.09	<0.05	82	0.16	0.60	29	<0.5		
96557		0.53	0.05	76	0.22	0.79	35	<0.5		
96558		0.42	0.25	69	0.17	2.63	38	2.5		
96559		<0.02	<0.05	69	0.34	1.00	23	<0.5		
96560		0.07	<0.05	79	0.26	0.81	30	<0.5		
96561		<0.02	<0.05	81	0.34	0.86	31	<0.5		
96562		<0.02	<0.05	77	0.39	0.82	33	<0.5		
96563		<0.02	<0.05	81	0.47	0.84	30	<0.5		
96564		0.04	<0.05	86	0.66	1.11	34	<0.5		94.0
96565		0.07	<0.05	78	0.40	0.80	33	<0.5		94.7
96566		0.08	<0.05	80	0.30	0.77	31	0.5		
96567		0.18	<0.05	75	0.36	0.91	35	<0.5		
96568		0.48	<0.05	123	0.24	1.40	44	<0.5		
96569		<0.02	<0.05	72	0.34	1.34	28	<0.5		
96570		<0.02	<0.05	60	0.29	3.32	23	<0.5		
96571		<0.02	<0.05	88	1.48	1.05	34	<0.5		
96572		0.11	0.63	32	0.07	12.30	32	4.4		
96573		0.18	0.06	87	0.09	1.17	35	<0.5		
96574		0.46	0.06	59	0.11	1.08	36	0.5		
96575		0.27	<0.05	79	0.30	1.13	37	0.5		
96576		<0.02	<0.05	79	0.28	1.32	31	<0.5		
96577		0.41	0.27	95	0.17	3.00	39	1.4		
96578		0.34	0.24	74	0.13	3.30	40	2.7		
96579		0.81	0.13	79	<0.05	1.60	39	1.6	78.0	
96580		0.66	0.30	85	<0.05	3.21	44	3.8		
96581		0.48	0.71	77	0.08	9.65	48	7.4		
96582		0.39	0.06	94	0.12	1.38	40	0.5		
96583		<0.02	<0.05	75	0.27	1.64	25	<0.5		
96584		<0.02	<0.05	83	0.25	1.27	26	<0.5		
96585		0.36	0.47	83	0.06	5.39	41	5.4		
96586		0.69	0.66	68	<0.05	8.43	46	9.9		
96587		<0.02	0.61	80	<0.05	13.00	31	8.9		
96588		0.45	0.66	71	<0.05	11.05	49	9.4		
96589		0.56	0.95	80	<0.05	9.59	52	9.7		92.8
96590		0.88	0.15	60	<0.05	1.38	42	1.9	77.8	93.2



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Page: 3 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 29-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365040**

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Units		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
LOD		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
96591		2.63	0.01	2.88	<0.1	<0.02	<10	1070	0.18	0.03	0.44	0.01	22.6	42.3	930	8.56
96592		2.13	0.01	2.32	0.1	<0.02	<10	720	0.31	0.05	1.00	0.02	47.5	31.2	561	6.23
96593		4.92	0.05	3.22	<0.1	<0.02	<10	810	0.15	0.09	0.50	0.02	10.20	58.6	1075	7.56
96594		5.03	0.05	3.27	0.1	<0.02	<10	1120	0.23	0.14	1.28	0.02	53.9	59.3	1000	12.85
96595		<0.02	0.05	3.26	<0.1	<0.02	<10	1080	0.23	0.14	1.24	0.02	50.9	56.2	1030	11.90
96596		5.47	0.03	3.34	<0.1	<0.02	<10	630	0.14	0.14	0.49	0.01	22.3	61.2	1280	8.68
96597		4.78	0.02	2.18	0.5	<0.02	<10	10	<0.05	0.15	3.15	0.05	3.66	58.1	1370	1.04
96598		5.28	0.02	2.88	0.3	<0.02	<10	20	<0.05	0.12	1.06	0.03	7.96	62.6	1345	1.50
96599		4.26	0.01	3.41	0.2	<0.02	<10	930	0.44	0.35	1.14	0.02	26.7	48.2	906	24.8
96600		4.30	0.01	3.56	<0.1	<0.02	<10	1130	0.53	0.10	1.54	0.02	45.6	43.0	593	30.7

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Page: 3 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 29-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

<b>CERTIFICATE OF ANALYSIS SD22365040</b>
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Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
96591		4.6	3.24	7.65	0.15	0.05	<0.01	0.006	2.58	10.9	65.0	4.40	309	0.10	0.07	<0.05
96592		5.3	2.80	6.08	0.18	0.12	<0.01	0.010	1.62	23.4	43.4	3.16	343	0.06	0.17	0.05
96593		110.5	3.84	7.98	0.15	0.03	<0.01	0.009	1.57	5.1	38.5	5.14	334	0.12	0.07	<0.05
96594		76.8	4.20	8.64	0.21	0.06	<0.01	0.011	2.41	26.8	43.7	5.43	399	0.12	0.07	0.07
96595		72.9	4.21	8.33	0.20	0.05	<0.01	0.010	2.33	24.9	42.4	5.42	400	0.21	0.07	0.06
96596		57.2	4.43	9.16	0.19	0.04	<0.01	0.011	1.76	8.4	30.5	6.27	214	0.17	0.07	<0.05
96597		77.4	3.74	5.50	0.14	<0.02	<0.01	0.013	0.01	1.5	3.8	5.73	556	0.10	0.04	<0.05
96598		67.0	3.59	6.81	0.16	0.02	<0.01	0.012	0.04	3.0	9.0	6.11	289	0.12	0.07	<0.05
96599		30.4	4.23	8.75	0.20	0.09	<0.01	0.012	2.85	12.8	61.9	6.54	328	0.08	0.18	<0.05
96600		4.6	4.52	8.81	0.22	0.13	<0.01	0.017	3.27	22.8	61.9	5.96	511	0.05	0.09	0.05

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Page: 3 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 29-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365040
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Method Analyte Units LOD	ME-MS41 Ni ppm	ME-MS41 P ppm	ME-MS41 Pb ppm	ME-MS41 Rb ppm	ME-MS41 Re ppm	ME-MS41 S %	ME-MS41 Sb ppm	ME-MS41 Sc ppm	ME-MS41 Se ppm	ME-MS41 Sn ppm	ME-MS41 Sr ppm	ME-MS41 Ta ppm	ME-MS41 Te ppm	ME-MS41 Th ppm	ME-MS41 Ti %
Sample Description	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
96591	447	550	1.7	112.5	<0.001	0.01	<0.05	2.9	<0.2	<0.2	38.4	<0.01	<0.01	1.1	0.176
96592	285	1240	2.7	72.4	<0.001	0.01	<0.05	4.7	<0.2	0.2	89.5	<0.01	<0.01	2.5	0.142
96593	717	300	3.4	69.9	<0.001	0.28	<0.05	3.8	0.4	<0.2	67.8	<0.01	0.03	0.8	0.115
96594	637	1460	7.4	110.5	<0.001	0.17	<0.05	4.0	0.4	<0.2	187.5	<0.01	0.04	2.2	0.151
96595	645	1360	7.7	103.0	0.001	0.18	<0.05	3.9	0.5	<0.2	178.0	<0.01	0.04	2.0	0.148
96596	667	1740	4.5	73.9	<0.001	0.09	<0.05	4.4	0.3	<0.2	96.6	<0.01	0.02	1.1	0.097
96597	832	210	1.9	0.8	<0.001	0.34	<0.05	3.2	0.5	<0.2	604	<0.01	0.07	<0.2	0.018
96598	843	960	1.5	2.0	0.001	0.17	<0.05	5.0	0.4	<0.2	162.0	<0.01	0.03	0.6	0.019
96599	457	1950	1.5	145.0	<0.001	0.01	<0.05	8.4	0.3	0.2	186.5	<0.01	0.02	1.6	0.155
96600	400	1530	2.3	186.5	<0.001	<0.01	<0.05	11.8	0.3	0.3	204	<0.01	0.01	2.8	0.183



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Page: 3 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 29-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365040
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Sample Description	Method Analyte Units LOD	ME-MS41 TI ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
96591		0.77	0.18	60	<0.05	2.40	41	1.6	70.2	
96592		0.50	0.54	59	0.05	5.12	36	2.9		
96593		0.49	0.20	79	0.08	2.44	35	0.8		
96594		0.74	0.25	88	0.11	5.16	42	2.3		
96595		0.72	0.25	87	0.11	4.66	41	2.1		
96596		0.50	0.31	97	0.07	7.25	44	2.1		
96597		<0.02	0.08	80	0.06	3.32	26	<0.5		
96598		0.02	0.32	98	<0.05	5.74	32	0.7		
96599		0.89	0.32	103	0.09	6.28	48	3.0		
96600		1.11	0.54	104	0.06	9.75	64	4.2		

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 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: Appendix 1  
 Total # Appendix Pages: 1  
 Finalized Date: 29-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365040**

	<b>CERTIFICATE COMMENTS</b>												
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).            ME-MS41</p>												
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-22</td> <td style="width: 33%;">LOG-22d</td> </tr> <tr> <td>PUL-31</td> <td>PUL-31d</td> <td>PUL-QC</td> <td>SPL-21</td> </tr> <tr> <td>SPL-21d</td> <td>WEI-21</td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-22	LOG-22d	PUL-31	PUL-31d	PUL-QC	SPL-21	SPL-21d	WEI-21		
CRU-31	CRU-QC	LOG-22	LOG-22d										
PUL-31	PUL-31d	PUL-QC	SPL-21										
SPL-21d	WEI-21												
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.            ME-MS41</p>												



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To: **MINROC MANAGEMENT LTD.**  
**2857 SHERWOOD HEIGHTS DRIVE, UNIT 2**  
**OAKVILLE ON L6J 7J9**

Page: 1  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 1-FEB-2023  
 Account: MINMAN

**SD22365055**

Project: LAL-VIC 2022 DDH  
 P.O. No.: BATCH 5  
 This report is for 50 samples of 1/2 Core submitted to our lab in Sudbury, ON,  
 Canada on 19-DEC-2022.

The following have access to data associated with this certificate:

SAHIL ALURKAR  
 FRANCIS NEWTON

FRANCIS NEWTON  
 BRIAN NEWTON

BRIAN NEWTON  
 ACCESS WEBTRIEVE

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Cu-OG46	Ore Grade Cu - Aqua Regia	
ME-MS41	Ultra Trace Aqua Regia ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**



Saa Traxler, Director, North Vancouver Operations



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Page: 2 - A  
 Total # Pages: 3 (A - D)  
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**CERTIFICATE OF ANALYSIS SD22365055**

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Units		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
LOD		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
96651		4.22	0.02	1.97	0.5	<0.02	<10	<10	<0.05	0.06	0.22	0.01	0.48	50.3	1455	0.80
96652		0.79	0.02	0.58	0.7	<0.02	20	50	0.25	0.01	9.60	0.03	32.2	4.6	28	0.36
96653		3.25	0.02	3.50	<0.1	<0.02	<10	1710	0.55	0.06	1.03	0.01	25.1	47.5	903	13.70
96654		2.42	0.02	0.81	0.4	<0.02	<10	570	0.28	0.03	0.73	0.01	57.1	10.8	157	0.76
96655		0.06	3.15	0.39	29.8	1.50	10	20	<0.05	0.53	0.43	0.98	3.16	1170	84	0.51
96656		3.43	0.01	0.98	<0.1	<0.02	<10	550	0.38	0.03	1.25	0.02	54.5	10.9	109	0.54
96657		3.22	0.07	3.33	0.4	<0.02	<10	670	0.14	0.19	0.26	0.01	7.36	70.1	1220	7.43
96658		3.57	0.08	2.75	<0.1	<0.02	<10	30	<0.05	0.18	0.23	0.03	4.06	71.4	1185	1.10
96659		3.61	0.06	2.33	0.3	<0.02	<10	910	0.32	0.11	0.86	0.02	27.1	35.5	600	4.99
96660		2.89	0.04	1.62	0.1	<0.02	<10	700	0.29	0.23	0.69	0.03	44.1	20.5	490	3.33
96661		3.41	0.06	2.67	0.1	<0.02	<10	760	0.23	0.27	0.24	0.02	8.65	51.6	1215	8.67
96662		<0.02	0.06	2.69	<0.1	<0.02	<10	770	0.23	0.28	0.28	0.03	9.42	52.4	1220	9.19
96663		3.20	0.03	2.04	<0.1	<0.02	<10	910	0.19	0.21	0.26	0.01	44.2	29.7	697	4.70
96664		1.59	0.02	2.03	0.2	<0.02	<10	520	0.19	0.07	0.26	0.01	23.0	28.0	788	5.09
96665		1.70	0.02	1.82	0.4	<0.02	<10	480	0.18	0.06	0.27	0.02	24.3	29.0	770	4.88
96666		3.26	0.03	1.95	<0.1	<0.02	<10	720	0.29	0.08	0.67	0.02	54.7	26.2	514	3.74
96667		3.23	0.02	2.38	<0.1	<0.02	<10	770	0.18	0.03	0.27	<0.01	35.3	34.3	775	6.17
96668		2.95	0.05	2.49	0.1	<0.02	<10	670	0.17	0.10	0.35	0.01	32.9	39.5	805	6.20
96669		3.67	0.07	3.22	0.1	<0.02	<10	770	0.18	0.15	0.38	0.01	9.86	62.4	1100	9.15
96670		5.00	0.04	2.16	0.9	<0.02	<10	290	0.08	0.26	0.15	0.01	2.94	55.4	1045	4.00
96671		4.93	0.15	2.59	0.2	<0.02	<10	470	0.16	0.36	0.19	0.02	6.39	66.6	1200	7.12
96672		0.63	0.11	0.63	1.7	<0.02	10	70	0.46	0.03	9.00	0.03	40.2	8.2	17	0.45
96673		4.83	0.13	2.60	0.1	<0.02	<10	370	0.13	0.20	0.28	0.01	1.50	65.4	1270	6.23
96674		1.84	0.02	2.56	<0.1	<0.02	<10	710	0.18	0.05	0.31	<0.01	39.2	36.4	764	7.04
96675		2.45	0.02	1.89	<0.1	<0.02	<10	710	0.28	0.10	1.06	0.03	90.4	24.1	407	2.75
96676		1.76	0.22	0.81	<0.1	<0.02	<10	500	0.24	0.22	0.91	0.06	96.3	10.0	66	0.71
96677		2.49	0.03	3.12	<0.1	<0.02	<10	910	0.15	0.13	0.46	0.01	12.65	44.2	841	6.05
96678		5.03	0.07	2.62	<0.1	<0.02	<10	330	0.06	0.20	0.20	0.02	1.21	58.5	1145	3.80
96679		5.30	0.05	2.90	0.4	<0.02	<10	460	0.10	0.16	0.36	0.02	10.05	53.7	1050	4.62
96680		2.77	0.09	3.29	0.1	<0.02	<10	530	0.24	0.23	0.75	0.02	33.2	57.1	865	5.88
96681		3.74	0.12	2.69	<0.1	<0.02	<10	260	0.11	0.29	0.33	0.02	22.3	68.4	1230	3.64
96682		2.18	0.03	4.00	<0.1	<0.02	<10	990	0.26	0.13	0.16	0.02	6.17	54.1	1205	9.01
96683		3.07	0.12	1.50	0.1	<0.02	<10	340	0.29	0.18	0.90	0.28	56.0	33.3	266	2.66
96684		4.27	0.09	1.05	<0.1	<0.02	<10	340	0.21	0.14	0.94	0.05	62.0	23.6	144	1.70
96685		4.16	0.10	1.60	<0.1	<0.02	<10	430	0.21	0.13	0.65	0.08	71.7	24.3	180	2.21
96686		2.64	0.07	2.46	<0.1	<0.02	<10	470	0.23	0.13	0.41	0.21	54.0	26.1	213	2.86
96687		4.51	0.10	2.54	<0.1	<0.02	<10	530	0.18	0.30	0.25	0.18	42.1	23.9	185	2.65
96688		4.67	0.09	2.55	0.2	<0.02	<10	660	0.17	0.16	0.36	0.10	50.0	24.3	211	2.92
96689		4.60	0.09	2.57	<0.1	<0.02	<10	490	0.15	0.17	0.25	0.21	38.8	23.6	177	3.24
96690		4.69	0.07	2.58	<0.1	<0.02	<10	630	0.14	0.18	0.27	0.11	35.2	22.2	190	3.00

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Page: 2 - B  
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**CERTIFICATE OF ANALYSIS SD22365055**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
96651		45.3	3.65	4.58	0.09	<0.02	<0.01	0.012	<0.01	0.3	2.1	4.43	155	0.08	0.02	<0.05
96652		5.5	1.32	3.07	0.05	0.07	<0.01	0.020	0.24	15.8	17.2	3.32	462	0.44	0.02	0.16
96653		14.4	4.57	8.64	0.14	0.10	<0.01	0.014	2.73	12.0	64.9	5.65	413	<0.05	0.09	<0.05
96654		8.6	1.32	3.76	0.09	0.20	<0.01	0.006	0.26	29.0	17.7	1.10	165	0.06	0.12	0.06
96655		>10000	32.9	1.87	0.40	0.07	0.02	0.101	0.03	1.7	3.8	0.43	179	1.69	0.03	0.15
96656		4.3	1.69	3.59	0.10	0.28	<0.01	0.013	0.24	26.7	17.8	1.23	259	0.07	0.21	0.06
96657		77.6	4.06	9.29	0.15	0.02	<0.01	0.007	2.15	3.5	53.9	5.76	264	0.12	0.03	<0.05
96658		162.5	4.09	6.93	0.11	0.04	0.01	0.013	0.12	1.6	5.9	5.16	195	0.09	0.01	<0.05
96659		23.9	3.16	7.99	0.12	0.14	<0.01	0.011	1.29	15.4	31.7	3.69	295	0.05	0.10	<0.05
96660		63.2	2.09	4.64	0.09	0.13	<0.01	<0.005	0.99	21.8	26.3	2.46	230	<0.05	0.08	<0.05
96661		97.2	3.30	7.77	0.10	0.03	<0.01	<0.005	2.49	4.2	47.9	4.61	201	0.07	0.02	<0.05
96662		100.5	3.34	8.36	0.12	0.03	<0.01	<0.005	2.51	4.5	48.2	4.67	206	0.06	0.03	<0.05
96663		12.5	2.36	7.50	0.09	0.07	<0.01	<0.005	1.42	22.4	32.0	3.25	161	0.06	0.04	<0.05
96664		9.7	2.25	6.45	0.08	0.08	<0.01	<0.005	1.60	10.8	27.4	3.50	146	0.15	0.04	<0.05
96665		9.8	2.11	6.59	0.09	0.09	<0.01	<0.005	1.47	10.4	26.4	3.08	149	<0.05	0.04	<0.05
96666		29.1	2.68	6.68	0.11	0.16	<0.01	0.010	1.12	28.6	31.2	2.76	285	0.07	0.09	<0.05
96667		20.9	2.77	8.15	0.12	0.07	<0.01	0.006	2.01	17.4	47.2	3.56	189	0.05	0.04	<0.05
96668		48.1	3.22	7.20	0.12	0.07	<0.01	0.006	2.14	16.0	39.1	3.72	234	0.09	0.04	<0.05
96669		57.9	4.22	9.30	0.14	0.03	0.01	0.005	2.94	4.8	47.3	5.00	295	0.09	0.02	<0.05
96670		56.4	2.88	6.62	0.11	<0.02	<0.01	0.008	1.03	1.5	15.5	3.90	192	0.07	0.01	<0.05
96671		61.6	3.44	7.27	0.12	<0.02	<0.01	0.006	2.18	3.0	21.5	4.80	182	0.13	0.01	<0.05
96672		7.9	1.49	3.13	0.07	0.11	<0.01	0.026	0.33	17.8	17.5	4.88	641	0.93	0.02	0.31
96673		59.1	3.84	6.62	0.12	<0.02	<0.01	0.005	1.90	0.7	18.9	4.71	181	0.26	0.01	<0.05
96674		4.4	2.99	7.68	0.11	0.06	<0.01	0.007	2.28	18.6	36.4	3.74	247	0.10	0.04	<0.05
96675		10.3	2.48	6.64	0.18	0.17	<0.01	0.010	0.93	44.8	29.5	2.60	287	0.05	0.10	0.05
96676		209	1.40	3.13	0.15	0.16	<0.01	0.008	0.24	50.5	10.6	0.91	163	<0.05	0.10	0.20
96677		14.1	3.83	7.20	0.13	0.02	0.01	0.009	2.33	5.2	57.7	4.32	312	<0.05	0.04	<0.05
96678		76.4	3.38	6.38	0.12	<0.02	<0.01	0.005	1.24	0.6	30.0	4.08	239	<0.05	0.01	<0.05
96679		36.7	3.55	7.66	0.14	0.03	<0.01	0.009	1.49	4.8	36.2	4.39	285	<0.05	0.03	<0.05
96680		40.1	4.50	8.06	0.18	0.08	<0.01	0.011	1.96	15.8	44.6	4.70	367	0.45	0.06	<0.05
96681		105.5	4.19	7.24	0.16	0.02	0.01	0.008	1.19	9.3	25.3	4.34	266	0.14	0.02	<0.05
96682		2.5	4.87	16.80	0.20	0.05	0.01	0.014	3.50	2.8	64.4	5.67	416	2.71	0.02	<0.05
96683		115.0	3.57	6.91	0.16	0.22	<0.01	0.034	0.79	27.8	18.6	1.86	286	4.68	0.08	0.12
96684		94.8	3.16	5.67	0.11	0.28	<0.01	0.018	0.74	31.7	9.7	1.06	289	1.22	0.07	0.24
96685		111.5	3.78	7.83	0.14	0.30	<0.01	0.021	1.02	36.2	13.9	1.47	339	1.56	0.09	0.23
96686		57.0	4.44	12.55	0.15	0.26	<0.01	0.038	1.62	27.2	27.1	2.00	557	2.35	0.06	0.25
96687		53.1	4.11	12.00	0.14	0.15	<0.01	0.029	1.80	21.9	34.3	1.78	539	1.21	0.05	0.27
96688		54.2	4.21	12.05	0.16	0.17	<0.01	0.033	1.72	24.8	30.2	1.93	532	1.68	0.05	0.28
96689		49.7	4.03	11.75	0.11	0.21	<0.01	0.034	1.72	19.6	28.6	1.73	540	1.53	0.04	0.22
96690		46.5	3.89	11.10	0.13	0.21	0.01	0.030	1.84	17.2	27.2	1.83	500	0.98	0.04	0.22



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**CERTIFICATE OF ANALYSIS SD22365055**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
96651		714	40	0.8	0.5	<0.001	0.14	<0.05	1.9	0.3	<0.2	16.9	<0.01	0.02	<0.2	0.020
96652		13.6	240	2.9	16.6	<0.001	0.04	<0.05	2.7	0.5	0.5	310	<0.01	<0.01	2.0	0.066
96653		567	790	4.4	130.0	<0.001	0.01	<0.05	7.9	<0.2	0.3	78.5	<0.01	<0.01	1.9	0.179
96654		87.8	900	3.4	11.0	<0.001	0.02	<0.05	2.4	<0.2	0.3	68.2	<0.01	<0.01	3.5	0.105
96655		>10000	70	38.6	1.8	0.043	>10.0	0.27	1.3	13.0	1.0	4.9	<0.01	0.97	0.5	0.037
96656		35.5	1040	4.0	9.1	<0.001	0.02	<0.05	5.4	<0.2	0.4	75.0	<0.01	<0.01	3.6	0.132
96657		956	360	5.4	93.3	<0.001	0.35	<0.05	3.4	0.5	<0.2	39.5	<0.01	0.06	0.7	0.143
96658		922	500	0.5	5.2	<0.001	0.89	<0.05	2.5	0.6	<0.2	33.2	<0.01	0.12	0.3	0.043
96659		389	850	7.9	59.7	<0.001	0.07	<0.05	5.0	0.3	0.2	106.0	<0.01	0.01	2.0	0.126
96660		217	980	15.5	43.7	<0.001	0.04	<0.05	2.1	<0.2	0.2	93.2	<0.01	<0.01	2.9	0.141
96661		678	430	7.1	110.5	<0.001	0.20	<0.05	1.7	0.4	<0.2	25.3	<0.01	0.04	0.9	0.148
96662		689	460	7.4	115.0	<0.001	0.21	<0.05	2.0	0.8	<0.2	27.9	<0.01	0.05	0.9	0.150
96663		422	550	15.0	57.7	<0.001	0.04	<0.05	2.4	0.2	<0.2	78.0	<0.01	0.02	2.2	0.117
96664		415	350	5.2	62.0	<0.001	0.02	<0.05	2.0	<0.2	<0.2	30.4	<0.01	<0.01	1.4	0.127
96665		395	500	7.7	60.6	<0.001	0.02	<0.05	1.2	<0.2	<0.2	30.3	<0.01	<0.01	1.6	0.133
96666		225	1080	8.8	47.2	<0.001	0.05	<0.05	3.9	0.3	0.2	63.2	<0.01	<0.01	3.0	0.153
96667		316	520	4.4	81.3	<0.001	0.04	<0.05	1.8	<0.2	0.2	40.0	<0.01	<0.01	1.9	0.146
96668		433	570	4.8	84.9	<0.001	0.30	<0.05	1.9	0.5	0.2	43.3	<0.01	0.03	1.7	0.145
96669		582	500	5.0	119.0	<0.001	0.45	<0.05	2.4	0.4	<0.2	54.7	<0.01	0.05	0.8	0.178
96670		819	120	0.8	46.1	<0.001	0.43	<0.05	2.2	0.5	<0.2	24.5	<0.01	0.07	0.2	0.065
96671		1040	260	11.7	94.8	<0.001	0.48	<0.05	2.0	0.4	<0.2	11.7	<0.01	0.11	0.2	0.110
96672		15.3	520	3.4	19.2	0.002	0.06	<0.05	2.8	0.2	0.7	56.6	<0.01	<0.01	1.8	0.100
96673		786	590	5.8	80.3	<0.001	0.72	<0.05	1.9	0.3	<0.2	22.1	<0.01	0.12	<0.2	0.105
96674		353	500	3.2	94.8	<0.001	0.02	<0.05	1.8	<0.2	0.2	35.6	<0.01	<0.01	2.0	0.150
96675		216	1150	5.0	36.4	0.001	0.01	<0.05	3.5	0.3	0.2	100.5	<0.01	<0.01	4.8	0.140
96676		29.8	1990	7.0	8.0	<0.001	0.07	<0.05	3.2	0.4	0.2	79.1	<0.01	0.04	8.4	0.096
96677		460	580	3.7	81.8	<0.001	0.05	<0.05	4.7	0.2	<0.2	27.1	<0.01	0.01	0.9	0.175
96678		737	190	3.6	46.7	<0.001	0.25	<0.05	1.4	0.2	<0.2	8.2	<0.01	0.10	<0.2	0.101
96679		587	320	2.5	57.8	<0.001	0.13	<0.05	3.3	0.4	<0.2	18.9	<0.01	0.03	0.7	0.134
96680		539	1020	4.4	75.7	<0.001	0.46	<0.05	6.1	0.9	0.2	50.4	<0.01	0.03	1.9	0.182
96681		834	580	1.7	47.1	<0.001	0.89	<0.05	1.6	0.7	<0.2	14.2	<0.01	0.13	0.7	0.124
96682		347	70	2.6	137.5	<0.001	0.01	<0.05	3.3	0.3	0.3	4.6	<0.01	0.01	0.8	0.253
96683		106.0	1420	4.8	40.6	0.002	0.77	<0.05	5.1	0.8	0.5	41.4	<0.01	0.04	4.9	0.196
96684		53.2	1110	4.2	39.1	0.001	0.73	<0.05	4.2	0.5	0.6	30.2	<0.01	0.03	5.7	0.216
96685		81.7	1290	7.0	42.5	0.002	0.60	<0.05	8.8	0.4	0.5	25.5	0.01	0.04	7.8	0.272
96686		96.6	700	7.0	66.8	0.003	0.23	<0.05	16.5	0.5	0.8	10.6	0.01	0.04	6.2	0.318
96687		90.0	650	7.0	72.1	0.001	0.38	<0.05	14.3	0.4	0.8	8.5	0.01	0.07	4.9	0.310
96688		89.9	690	6.0	71.7	0.001	0.35	<0.05	15.0	0.5	0.8	12.6	0.01	0.04	5.6	0.306
96689		86.9	580	4.8	72.8	0.001	0.27	<0.05	12.2	0.4	0.7	6.7	0.01	0.05	4.6	0.296
96690		83.8	550	3.8	69.9	0.001	0.32	<0.05	11.6	0.4	0.8	6.0	<0.01	0.02	4.2	0.293



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Page: 2 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 1-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365055**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Cu-OG46	CRU-QC	PUL-QC
		TI	U	V	W	Y	Zn	Zr	Cu	Pass2mm	Pass75um
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
		0.02	0.05	1	0.05	0.05	2	0.5	0.001	0.01	0.01
96651		<0.02	<0.05	95	0.11	0.72	27	<0.5		72.9	92.8
96652		0.09	0.42	24	<0.05	9.32	16	2.0			
96653		0.90	0.48	106	0.06	4.93	55	2.3			
96654		0.09	0.46	29	<0.05	2.50	23	5.9			89.3
96655		0.09	0.11	19	3.58	1.33	68	2.6	1.380		
96656		0.08	0.46	46	<0.05	3.74	27	8.0			
96657		0.70	0.15	85	<0.05	1.22	39	0.9			
96658		0.07	0.14	97	<0.05	1.64	30	1.2			
96659		0.38	0.41	73	<0.05	3.76	43	3.8			
96660		0.29	0.40	41	<0.05	2.11	35	3.9			
96661		0.72	0.16	65	<0.05	1.22	43	0.9		71.1	
96662		0.75	0.16	66	<0.05	1.39	43	1.0			
96663		0.37	0.27	43	<0.05	1.32	38	2.6			
96664		0.41	0.22	39	0.10	0.85	37	3.2			
96665		0.39	0.25	35	<0.05	0.93	41	3.8			
96666		0.31	0.55	53	<0.05	3.54	48	5.2			
96667		0.51	0.24	53	<0.05	1.15	42	2.8			
96668		0.54	0.25	57	<0.05	1.02	43	2.3			
96669		0.77	0.13	74	<0.05	1.18	46	1.1			
96670		0.30	0.06	56	<0.05	0.72	32	<0.5			
96671		0.56	0.05	66	<0.05	0.78	29	<0.5			
96672		0.11	0.49	24	0.05	8.71	34	3.0			
96673		0.53	0.05	74	<0.05	1.34	29	<0.5			
96674		0.59	0.30	51	<0.05	1.02	42	2.0			
96675		0.31	0.74	50	<0.05	3.79	46	6.3			
96676		0.09	1.90	33	0.06	8.38	25	9.2			
96677		0.68	0.19	73	<0.05	1.92	45	0.8			
96678		0.39	0.05	58	<0.05	0.60	36	<0.5			
96679		0.45	0.13	71	<0.05	1.50	46	0.8			
96680		0.62	0.36	88	<0.05	3.25	50	3.0			
96681		0.40	0.10	69	<0.05	1.58	37	0.7			
96682		1.05	0.09	114	<0.05	0.80	147	2.0			
96683		0.35	0.91	78	0.05	6.60	171	7.8			
96684		0.31	1.24	68	0.08	7.11	69	10.2			
96685		0.37	1.93	93	0.06	9.32	89	11.3			
96686		0.45	1.49	115	0.31	9.57	234	10.2			
96687		0.49	1.50	103	0.31	7.01	138	6.8			
96688		0.51	1.42	111	0.21	8.29	86	6.4			
96689		0.50	1.24	94	0.21	6.89	93	8.7			88.2
96690		0.46	1.22	92	0.25	5.66	95	8.4		74.7	89.4





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Page: 3 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 1-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

<b>CERTIFICATE OF ANALYSIS SD22365055</b>
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Sample Description	WEI-21 Recvd Wt. kg	ME-MS41 Ag ppm	ME-MS41 Al %	ME-MS41 As ppm	ME-MS41 Au ppm	ME-MS41 B ppm	ME-MS41 Ba ppm	ME-MS41 Be ppm	ME-MS41 Bi ppm	ME-MS41 Ca %	ME-MS41 Cd ppm	ME-MS41 Ce ppm	ME-MS41 Co ppm	ME-MS41 Cr ppm	ME-MS41 Cs ppm
	Method Analyte Units LOD	0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
96691	2.14	0.08	2.46	<0.1	<0.02	<10	730	0.20	0.14	0.40	0.05	50.7	22.2	235	3.03
96692	2.18	0.07	2.42	<0.1	<0.02	<10	790	0.21	0.13	0.47	0.05	59.1	23.2	250	2.90
96693	4.90	0.08	2.47	<0.1	<0.02	<10	420	0.20	0.52	0.35	0.20	38.5	22.5	157	3.35
96694	4.49	0.07	2.73	0.1	<0.02	<10	720	0.24	0.20	0.39	0.20	36.4	24.7	226	3.24
96695	<0.02	0.09	2.74	0.2	<0.02	<10	720	0.24	0.18	0.39	0.20	42.1	25.1	228	3.34
96696	4.36	0.10	2.55	0.1	<0.02	<10	790	0.16	0.16	0.22	0.09	36.2	24.3	204	3.15
96697	2.84	0.08	2.62	<0.1	<0.02	<10	770	0.18	0.16	0.20	0.05	37.8	23.7	192	3.64
96698	2.90	0.09	2.30	<0.1	<0.02	<10	580	0.12	0.23	0.27	0.10	36.3	21.7	200	3.26
96699	1.74	0.17	2.60	<0.1	<0.02	<10	280	0.25	0.30	0.88	0.20	63.1	30.2	138	3.78
96700	3.78	0.09	2.49	<0.1	<0.02	<10	860	0.22	0.13	0.36	0.05	36.8	23.2	158	3.13



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Page: 3 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 1-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

<b>CERTIFICATE OF ANALYSIS SD22365055</b>
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Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
96691		47.8	3.68	10.45	0.15	0.20	<0.01	0.029	1.81	24.6	21.9	2.06	440	1.13	0.04	0.20
96692		51.9	3.69	10.15	0.14	0.23	<0.01	0.031	1.77	28.3	21.0	2.08	428	0.87	0.03	0.28
96693		44.5	3.78	10.70	0.12	0.19	<0.01	0.034	1.61	20.2	23.9	1.69	482	1.85	0.04	0.21
96694		48.4	4.09	11.90	0.15	0.23	<0.01	0.032	1.64	19.0	28.0	2.07	411	1.46	0.04	0.20
96695		50.8	4.15	12.15	0.13	0.25	<0.01	0.030	1.63	20.9	27.8	2.05	435	1.49	0.05	0.19
96696		51.4	4.05	12.40	0.15	0.23	<0.01	0.039	1.75	18.0	25.5	1.85	413	1.47	0.05	0.26
96697		45.6	4.00	11.95	0.11	0.23	<0.01	0.030	1.83	19.4	24.6	1.90	431	1.10	0.04	0.18
96698		46.7	3.81	10.75	0.13	0.22	<0.01	0.034	1.59	19.1	20.4	1.73	395	1.24	0.04	0.21
96699		135.0	5.52	11.05	0.20	0.17	<0.01	0.041	1.55	32.5	20.3	2.07	592	0.37	0.07	0.19
96700		46.0	3.94	11.05	0.13	0.23	<0.01	0.035	1.58	18.9	22.8	1.75	439	1.96	0.04	0.21

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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Page: 3 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 1-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

<b>CERTIFICATE OF ANALYSIS SD22365055</b>
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Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
96691		93.2	1080	3.5	71.8	<0.001	0.31	<0.05	12.1	0.4	0.7	13.5	<0.01	0.03	4.5	0.284
96692		96.9	1290	3.8	71.7	0.001	0.32	<0.05	12.1	0.6	0.7	14.7	0.01	0.04	5.6	0.299
96693		87.2	620	5.3	70.1	0.001	0.29	<0.05	11.5	0.3	0.7	10.1	<0.01	0.06	4.0	0.253
96694		103.0	780	30.9	61.1	<0.001	0.23	<0.05	12.9	<0.2	0.8	8.7	<0.01	0.03	4.5	0.264
96695		104.0	780	19.2	64.5	0.001	0.24	<0.05	13.2	0.5	0.8	10.3	<0.01	0.04	5.1	0.268
96696		94.4	580	3.4	63.5	0.001	0.37	<0.05	15.6	0.5	0.9	7.3	0.01	0.05	4.0	0.260
96697		91.9	530	3.4	68.6	0.001	0.34	<0.05	13.7	0.4	0.8	7.7	<0.01	0.04	4.3	0.263
96698		77.0	620	3.6	57.6	0.001	0.41	<0.05	12.4	0.2	0.7	8.2	<0.01	0.05	4.5	0.232
96699		50.0	1330	4.8	59.8	0.001	1.08	<0.05	15.7	1.1	0.8	28.1	<0.01	0.07	6.3	0.242
96700		90.4	530	4.6	62.5	0.001	0.31	<0.05	11.8	0.3	0.7	9.3	<0.01	0.05	4.4	0.251

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Page: 3 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 1-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365055
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Sample Description	Method Analyte Units LOD	ME-MS41 TI ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	Cu-OG46 Cu % 0.001	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
96691		0.46	1.12	96	0.08	7.22	91	8.6			
96692		0.47	1.39	99	0.09	8.55	88	10.4			
96693		0.47	1.11	86	0.15	6.26	92	7.7			
96694		0.46	1.10	106	0.15	5.97	108	9.6			
96695		0.45	1.27	106	0.15	6.63	107	11.7			
96696		0.44	1.10	113	0.15	5.40	110	9.6			
96697		0.43	1.16	100	0.16	5.79	88	9.6			
96698		0.34	1.28	94	0.11	5.52	104	8.8			
96699		0.41	1.76	137	0.10	11.75	92	6.9			
96700		0.46	1.02	93	0.17	6.26	95	9.9			

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Page: Appendix 1  
 Total # Appendix Pages: 1  
 Finalized Date: 1-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365055**

	<b>CERTIFICATE COMMENTS</b>															
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).            ME-MS41</p>															
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-22</td> <td style="width: 15%;"></td> <td style="width: 15%;">LOG-22d</td> </tr> <tr> <td>LOG-24</td> <td>PUL-31</td> <td>PUL-31d</td> <td></td> <td>PUL-QC</td> </tr> <tr> <td>SPL-21</td> <td>SPL-21d</td> <td>WEI-21</td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-22		LOG-22d	LOG-24	PUL-31	PUL-31d		PUL-QC	SPL-21	SPL-21d	WEI-21		
CRU-31	CRU-QC	LOG-22		LOG-22d												
LOG-24	PUL-31	PUL-31d		PUL-QC												
SPL-21	SPL-21d	WEI-21														
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Cu-OG46</td> <td style="width: 33%;">ME-MS41</td> <td style="width: 33%;">ME-OG46</td> <td></td> </tr> </table>	Cu-OG46	ME-MS41	ME-OG46												
Cu-OG46	ME-MS41	ME-OG46														



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To: **MINROC MANAGEMENT LTD.**  
**2857 SHERWOOD HEIGHTS DRIVE, UNIT 2**  
**OAKVILLE ON L6J 7J9**

Page: 1  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 29-JAN-2023  
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 30-JAN-2023  
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**SD22365068**

Project: LAL-VIC 2022 DDH  
 P.O. No.: BATCH 4  
 This report is for 50 samples of 1/2 Core submitted to our lab in Sudbury, ON,  
 Canada on 19-DEC-2022.

The following have access to data associated with this certificate:

SAHIL ALURKAR  
 FRANCIS NEWTON

FRANCIS NEWTON  
 BRIAN NEWTON

BRIAN NEWTON  
 ACCESS WEBTRIEVE

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS41	Ultra Trace Aqua Regia ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**

Saa Traxler, Director, North Vancouver Operations



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Page: 2 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
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**CERTIFICATE OF ANALYSIS SD22365068**

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Units		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
LOD		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
96601		4.85	0.04	2.08	0.8	<0.02	<10	4270	0.90	0.14	3.04	0.06	68.8	21.2	183	17.45
96602		0.74	0.02	0.75	0.2	<0.02	10	120	0.27	0.02	6.01	0.02	35.4	5.9	16	0.41
96603		5.56	0.03	1.33	0.2	<0.02	<10	680	0.36	0.11	2.07	0.04	47.9	17.9	263	7.14
96604		4.93	0.04	1.08	<0.1	<0.02	10	250	0.32	0.10	1.98	0.06	38.1	15.0	247	4.83
96605		5.57	0.04	2.24	<0.1	<0.02	<10	530	0.55	0.10	1.78	0.04	69.6	34.8	584	14.75
96606		5.31	0.02	2.50	<0.1	<0.02	<10	900	0.38	0.06	1.35	0.03	43.8	32.9	656	17.05
96607		5.61	0.01	2.85	<0.1	<0.02	<10	940	0.36	0.09	1.06	0.02	36.8	40.1	768	24.6
96608		5.41	0.04	2.86	0.1	<0.02	<10	650	0.14	0.08	0.74	0.02	2.69	64.8	1320	17.05
96609		4.85	0.03	2.55	0.1	<0.02	<10	480	0.10	0.10	1.54	0.02	6.73	61.5	1085	7.33
96610		5.10	0.02	2.40	0.2	<0.02	<10	470	0.20	0.09	2.68	0.02	10.45	53.4	1050	6.44
96611		4.88	0.02	2.39	0.3	<0.02	<10	460	0.23	0.11	2.35	0.03	18.15	54.4	1065	7.94
96612		<0.02	0.02	2.42	0.1	<0.02	<10	470	0.23	0.12	2.46	0.03	17.50	57.8	1025	8.50
96613		5.26	0.01	2.27	0.6	<0.02	<10	10	<0.05	0.08	1.20	0.02	2.53	45.9	1270	2.65
96614		1.87	0.01	2.16	0.3	<0.02	<10	10	<0.05	0.14	3.63	0.04	1.55	55.3	1400	1.84
96615		2.32	0.01	2.33	0.6	<0.02	<10	10	<0.05	0.18	2.94	0.03	1.21	55.6	1595	2.10
96616		4.26	0.01	1.48	<0.1	<0.02	<10	10	<0.05	0.18	5.55	0.05	1.77	51.1	1120	1.74
96617		4.36	<0.01	2.15	<0.1	<0.02	<10	10	<0.05	0.13	3.24	0.03	1.17	52.9	1585	1.62
96618		4.42	0.01	2.08	0.4	<0.02	<10	10	<0.05	0.17	3.44	0.05	1.28	60.1	1465	1.77
96619		4.71	0.02	2.14	0.2	<0.02	<10	10	<0.05	0.15	2.51	0.03	1.42	58.8	1545	1.71
96620		5.16	0.05	2.38	0.1	<0.02	<10	10	<0.05	0.14	1.32	0.02	1.20	59.7	1675	1.33
96621		4.66	0.02	2.41	0.6	<0.02	<10	10	<0.05	0.06	1.82	0.03	1.76	60.2	1565	1.70
96622		0.77	0.05	0.91	0.8	0.05	10	90	0.24	0.06	5.49	0.02	33.5	9.5	28	0.32
96623		4.47	0.01	2.72	0.8	<0.02	<10	10	<0.05	0.22	2.48	0.03	2.03	53.9	1660	2.24
96624		5.01	0.01	2.40	0.5	<0.02	<10	10	<0.05	0.11	1.65	0.03	0.96	56.4	1590	1.96
96625		4.86	0.01	2.93	0.3	<0.02	<10	530	0.09	0.04	0.27	0.01	4.84	55.8	1445	5.59
96626		4.94	0.01	2.35	0.5	<0.02	<10	<10	<0.05	0.12	1.13	0.01	0.74	54.8	1560	2.64
96627		4.85	0.02	2.20	0.5	<0.02	<10	10	<0.05	0.17	2.89	0.03	1.61	50.5	1510	1.82
96628		4.47	0.02	2.08	<0.1	<0.02	<10	<10	<0.05	0.14	2.31	0.03	1.04	61.2	1410	1.82
96629		4.82	0.01	2.41	0.7	<0.02	<10	<10	<0.05	0.08	1.63	0.02	0.91	57.8	1710	1.78
96630		5.19	0.02	2.00	0.2	<0.02	<10	10	<0.05	0.09	0.72	0.02	0.41	54.9	1575	1.53
96631		5.06	0.04	1.89	0.1	<0.02	<10	10	<0.05	0.11	1.00	0.03	0.55	51.9	1475	1.21
96632		4.67	0.01	1.89	<0.1	<0.02	<10	10	<0.05	0.16	2.94	0.04	1.18	54.3	1300	1.38
96633		4.51	0.01	1.74	0.1	<0.02	<10	10	<0.05	0.15	3.78	0.04	1.68	54.5	1115	1.17
96634		5.34	0.03	2.31	0.5	<0.02	<10	<10	<0.05	0.08	1.44	0.03	1.14	56.1	1580	2.67
96635		4.56	0.02	4.42	0.1	<0.02	<10	2470	0.22	0.10	0.85	0.01	11.95	67.1	1400	20.1
96636		4.75	0.02	1.12	0.1	<0.02	10	10	<0.05	0.27	3.86	0.04	1.04	51.9	809	1.32
96637		4.30	0.02	2.17	0.9	<0.02	<10	230	<0.05	0.07	1.43	0.03	0.81	52.0	1590	3.53
96638		4.74	0.02	1.48	<0.1	<0.02	<10	10	<0.05	0.19	3.63	0.04	1.17	52.0	1010	1.19
96639		5.10	0.02	2.18	0.3	<0.02	<10	<10	<0.05	0.10	2.00	0.03	0.80	54.7	1605	1.90
96640		5.28	0.01	2.20	0.2	<0.02	<10	<10	<0.05	0.10	1.69	0.02	1.02	53.2	1595	1.26



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Page: 2 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
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Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365068**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
96601		7.0	3.72	6.52	0.16	0.42	0.01	0.023	1.17	32.0	27.4	2.44	632	0.09	0.15	0.07
96602		8.6	1.88	3.27	0.09	0.13	0.01	0.022	0.35	16.1	22.3	2.53	418	0.46	0.03	0.41
96603		15.2	2.14	3.92	0.13	0.31	0.01	0.011	0.58	23.2	14.4	2.11	360	0.05	0.21	0.05
96604		23.0	1.69	3.05	0.11	0.27	0.01	0.011	0.36	18.9	10.3	1.82	287	<0.05	0.22	<0.05
96605		32.8	3.28	6.28	0.19	0.24	0.01	0.012	1.55	33.6	30.1	3.63	385	0.05	0.16	<0.05
96606		3.1	3.18	6.28	0.17	0.14	0.01	0.009	2.12	21.7	47.4	4.15	363	0.10	0.12	<0.05
96607		6.7	3.61	7.12	0.17	0.11	0.01	0.010	2.53	17.7	50.3	4.93	367	0.11	0.13	<0.05
96608		56.1	4.27	6.56	0.15	<0.02	0.01	0.007	2.01	1.3	34.5	6.08	304	0.16	0.05	<0.05
96609		69.9	3.60	5.74	0.13	0.02	0.01	0.008	1.34	3.1	20.2	5.87	345	0.07	0.04	<0.05
96610		56.9	3.78	5.19	0.12	0.02	0.01	0.010	1.08	4.4	19.8	5.59	492	0.06	0.04	<0.05
96611		61.0	4.47	4.93	0.16	0.02	0.02	0.010	0.99	8.1	21.2	5.82	448	0.14	0.06	0.05
96612		65.8	4.45	5.14	0.14	0.03	<0.01	0.012	0.99	7.8	22.0	5.86	457	0.07	0.06	<0.05
96613		19.4	3.40	5.55	0.12	<0.02	0.01	0.010	0.03	1.0	7.7	5.70	262	0.08	0.06	<0.05
96614		27.9	3.72	4.75	0.11	<0.02	0.01	0.014	0.01	0.6	6.2	6.74	546	<0.05	0.06	<0.05
96615		24.8	4.01	5.08	0.12	<0.02	0.01	0.014	0.01	0.5	5.7	6.71	501	0.09	0.05	<0.05
96616		39.9	3.29	3.40	0.09	<0.02	0.01	0.007	0.03	0.8	8.7	6.46	717	<0.05	0.07	<0.05
96617		25.9	4.22	4.62	0.15	<0.02	0.01	0.014	<0.01	0.4	3.8	6.56	554	0.11	0.03	<0.05
96618		58.9	4.00	4.46	0.12	<0.02	<0.01	0.014	0.01	0.5	4.2	6.49	558	<0.05	0.04	<0.05
96619		43.1	3.92	4.82	0.14	<0.02	<0.01	0.012	0.01	0.6	4.9	6.15	451	0.17	0.06	<0.05
96620		42.3	4.05	5.27	0.16	<0.02	<0.01	0.014	<0.01	0.5	4.1	5.88	294	0.05	0.03	<0.05
96621		39.8	3.89	5.70	0.15	<0.02	<0.01	0.014	0.01	0.6	5.5	6.36	365	0.11	0.05	<0.05
96622		20.7	1.95	3.66	0.11	0.07	0.01	0.015	0.30	13.6	21.5	3.40	365	0.70	0.02	0.19
96623		22.6	4.53	6.66	0.17	<0.02	0.01	0.014	0.01	0.8	5.5	7.31	436	<0.05	0.04	<0.05
96624		34.6	3.94	5.55	0.15	<0.02	<0.01	0.015	0.01	0.4	4.6	6.26	373	0.10	0.04	<0.05
96625		15.2	4.94	6.24	0.18	0.02	0.01	0.010	1.10	1.9	24.8	6.64	162	<0.05	0.12	<0.05
96626		40.6	3.75	5.50	0.15	<0.02	<0.01	0.013	0.01	0.3	3.7	6.00	348	<0.05	0.04	<0.05
96627		29.1	4.13	5.10	0.15	<0.02	<0.01	0.015	<0.01	0.7	2.6	6.38	480	<0.05	0.01	<0.05
96628		49.6	3.66	4.59	0.14	<0.02	0.01	0.012	<0.01	0.4	3.0	5.99	467	<0.05	0.03	<0.05
96629		30.4	4.48	5.57	0.16	<0.02	0.01	0.015	<0.01	0.3	2.9	6.30	404	<0.05	0.02	<0.05
96630		63.0	3.88	4.69	0.12	<0.02	0.01	0.012	<0.01	0.2	2.6	4.92	244	<0.05	0.01	<0.05
96631		66.8	3.74	3.91	0.12	<0.02	0.01	0.009	<0.01	0.2	3.3	4.82	291	<0.05	0.01	<0.05
96632		49.0	3.69	4.52	0.14	<0.02	<0.01	0.012	<0.01	0.5	3.4	6.01	557	0.06	0.02	<0.05
96633		59.1	3.45	4.08	0.11	<0.02	0.01	0.008	<0.01	0.7	3.0	6.11	626	<0.05	0.02	<0.05
96634		59.9	4.04	5.64	0.15	<0.02	0.01	0.017	0.01	0.5	2.7	6.09	381	<0.05	0.02	<0.05
96635		20.9	6.47	8.24	0.21	<0.02	0.01	0.013	4.03	5.0	45.1	7.65	498	<0.05	0.07	<0.05
96636		33.7	3.57	2.92	0.11	<0.02	0.01	0.009	<0.01	0.4	1.8	6.05	637	<0.05	0.01	<0.05
96637		46.2	4.43	4.76	0.15	<0.02	0.01	0.015	0.54	0.3	5.6	5.62	355	<0.05	0.01	<0.05
96638		44.6	3.39	3.52	0.12	<0.02	<0.01	0.010	<0.01	0.4	2.1	5.93	562	<0.05	0.01	<0.05
96639		48.4	4.45	4.65	0.15	<0.02	<0.01	0.014	<0.01	0.3	2.3	6.15	430	<0.05	0.01	<0.05
96640		35.4	4.36	4.72	0.16	<0.02	<0.01	0.015	<0.01	0.4	1.9	6.02	374	<0.05	0.01	<0.05





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Page: 2 - C  
 Total # Pages: 3 (A - D)  
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**CERTIFICATE OF ANALYSIS SD22365068**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
96601		80.3	1850	11.2	88.7	<0.001	0.01	0.06	8.5	<0.2	0.5	280	<0.01	<0.01	4.5	0.166
96602		8.8	340	1.5	20.8	<0.001	0.13	<0.05	3.9	<0.2	0.9	39.0	<0.01	<0.01	2.7	0.108
96603		71.5	1520	2.8	41.8	<0.001	<0.01	<0.05	5.6	<0.2	0.2	142.5	<0.01	<0.01	2.8	0.129
96604		49.8	1360	2.8	25.1	<0.001	0.01	<0.05	5.4	<0.2	0.2	123.5	<0.01	<0.01	2.3	0.102
96605		316	2350	3.6	87.8	<0.001	0.02	<0.05	5.3	<0.2	0.3	150.5	<0.01	<0.01	4.0	0.136
96606		334	1130	4.2	101.5	<0.001	<0.01	<0.05	4.3	<0.2	0.2	118.0	<0.01	<0.01	2.5	0.149
96607		444	1340	1.9	129.0	<0.001	0.01	<0.05	4.8	<0.2	0.2	98.2	<0.01	0.01	2.2	0.145
96608		860	160	2.5	87.2	<0.001	0.22	<0.05	2.9	<0.2	<0.2	77.8	<0.01	0.03	0.2	0.088
96609		926	270	1.9	50.7	<0.001	0.26	<0.05	3.8	<0.2	<0.2	205	<0.01	0.04	0.3	0.062
96610		740	240	3.0	43.1	<0.001	0.24	<0.05	3.7	<0.2	<0.2	317	<0.01	0.03	0.2	0.061
96611		743	300	2.1	46.2	<0.001	0.13	<0.05	3.9	0.3	<0.2	296	<0.01	0.02	0.2	0.059
96612		752	280	2.5	48.2	<0.001	0.13	<0.05	4.1	0.4	<0.2	308	<0.01	0.03	0.2	0.058
96613		539	330	1.3	2.5	<0.001	0.03	<0.05	2.8	<0.2	<0.2	160.0	<0.01	0.02	0.2	0.014
96614		759	40	3.5	1.2	<0.001	0.12	<0.05	4.7	<0.2	<0.2	507	<0.01	0.03	<0.2	0.013
96615		732	50	4.0	1.2	0.001	0.11	<0.05	5.3	0.2	<0.2	401	<0.01	0.06	<0.2	0.015
96616		880	<10	3.1	2.2	<0.001	0.29	<0.05	6.3	0.2	<0.2	831	<0.01	0.04	<0.2	0.008
96617		727	110	2.0	0.7	<0.001	0.14	<0.05	7.0	0.2	<0.2	468	<0.01	0.05	<0.2	0.014
96618		873	80	2.2	0.8	<0.001	0.17	<0.05	4.2	<0.2	<0.2	474	<0.01	0.03	<0.2	0.013
96619		868	70	4.2	0.8	0.001	0.12	<0.05	3.0	0.3	<0.2	330	<0.01	0.03	<0.2	0.014
96620		834	40	6.6	0.6	<0.001	0.05	<0.05	3.1	0.4	<0.2	146.0	<0.01	0.03	<0.2	0.015
96621		904	60	1.5	0.8	0.001	0.05	<0.05	3.8	0.3	<0.2	210	<0.01	0.04	<0.2	0.015
96622		22.9	750	3.5	16.2	<0.001	0.11	<0.05	2.9	<0.2	0.4	44.8	<0.01	0.02	1.7	0.092
96623		648	200	2.3	1.0	<0.001	0.02	<0.05	5.8	0.3	<0.2	302	<0.01	0.02	<0.2	0.015
96624		792	80	1.6	0.8	<0.001	0.11	<0.05	4.1	0.3	<0.2	208	<0.01	0.04	<0.2	0.016
96625		721	580	0.8	40.2	<0.001	0.02	<0.05	7.4	0.2	<0.2	50.6	<0.01	0.02	0.4	0.054
96626		816	20	0.6	1.1	<0.001	0.11	<0.05	3.2	0.4	<0.2	132.5	<0.01	0.02	<0.2	0.016
96627		628	160	2.1	0.7	<0.001	0.02	<0.05	3.9	0.2	<0.2	307	<0.01	0.03	<0.2	0.016
96628		926	20	1.5	0.7	<0.001	0.18	<0.05	3.4	0.2	<0.2	252	<0.01	0.03	<0.2	0.015
96629		752	140	1.1	0.7	<0.001	0.06	<0.05	4.2	0.2	<0.2	170.5	<0.01	0.03	<0.2	0.017
96630		773	10	1.4	0.6	<0.001	0.05	<0.05	2.6	0.4	<0.2	72.9	<0.01	0.04	<0.2	0.019
96631		774	80	2.2	0.5	<0.001	0.06	<0.05	2.8	0.3	<0.2	95.7	<0.01	0.03	<0.2	0.016
96632		832	<10	1.8	0.6	0.001	0.16	<0.05	4.8	0.4	<0.2	320	<0.01	0.04	<0.2	0.015
96633		848	<10	2.3	0.5	<0.001	0.19	<0.05	4.7	0.3	<0.2	413	<0.01	0.04	<0.2	0.014
96634		810	50	1.1	1.0	<0.001	0.05	<0.05	3.5	0.4	<0.2	148.0	<0.01	0.03	<0.2	0.018
96635		632	520	4.1	159.5	<0.001	<0.01	<0.05	8.6	0.3	0.2	103.5	<0.01	0.01	0.8	0.167
96636		853	<10	2.9	0.5	<0.001	0.11	<0.05	7.2	0.3	<0.2	497	<0.01	0.05	<0.2	0.012
96637		603	140	1.2	23.1	<0.001	0.03	<0.05	3.9	0.3	<0.2	148.0	<0.01	0.02	<0.2	0.033
96638		819	<10	2.7	0.5	0.001	0.14	<0.05	6.5	0.3	<0.2	431	<0.01	0.03	<0.2	0.013
96639		744	40	1.4	0.7	<0.001	0.05	<0.05	5.3	0.2	<0.2	209	<0.01	0.02	<0.2	0.018
96640		694	180	1.3	0.5	<0.001	0.03	<0.05	4.5	0.4	<0.2	172.5	<0.01	0.02	<0.2	0.018



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To: MINROC MANAGEMENT LTD.  
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Page: 2 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 29-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365068**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	CRU-QC	PUL-QC
		TI	U	V	W	Y	Zn	Zr	Pass2mm	Pass75um
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.02	0.05	1	0.05	0.05	2	0.5	0.01	0.01
96601		0.61	0.99	98	0.07	11.95	48	9.6	78.1	93.3
96602		0.11	0.43	28	0.07	11.95	25	3.3		
96603		0.26	0.35	51	0.09	5.03	31	7.2		
96604		0.15	0.21	42	0.05	3.95	23	6.6		
96605		0.56	0.62	75	0.05	8.51	38	6.7		
96606		0.67	0.40	64	<0.05	3.67	43	4.1	77.6	
96607		0.86	0.50	70	<0.05	4.07	50	3.2		
96608		0.66	0.07	81	<0.05	1.60	35	0.5		
96609		0.38	0.11	70	<0.05	1.85	28	0.8		
96610		0.35	0.05	79	<0.05	2.68	32	0.5		
96611		0.30	0.05	94	0.05	4.81	38	0.8	77.6	
96612		0.32	0.05	93	0.06	4.96	37	0.8		
96613		<0.02	0.05	82	<0.05	3.30	28	<0.5		
96614		<0.02	<0.05	75	0.07	4.54	26	<0.5		
96615		<0.02	<0.05	91	0.06	3.93	27	<0.5		
96616		0.02	<0.05	47	0.14	4.91	20	<0.5	77.6	
96617		<0.02	<0.05	90	0.10	4.75	26	<0.5		
96618		<0.02	<0.05	78	0.07	4.96	26	<0.5		
96619		<0.02	0.05	82	0.10	3.18	29	<0.5		
96620		<0.02	0.05	96	0.08	1.84	31	<0.5		
96621		<0.02	0.07	92	0.06	2.37	30	<0.5	77.6	
96622		0.11	0.35	28	0.06	11.10	19	1.7		
96623		<0.02	0.08	125	0.08	3.80	34	<0.5		
96624		<0.02	0.06	88	0.07	2.41	31	<0.5		
96625		0.28	0.12	124	<0.05	4.23	39	0.6		
96626		<0.02	<0.05	84	0.09	1.64	30	<0.5	77.6	
96627		<0.02	<0.05	101	0.05	4.58	28	<0.5		
96628		<0.02	<0.05	66	0.08	3.23	27	<0.5		
96629		<0.02	<0.05	112	0.10	3.22	31	<0.5		
96630		<0.02	<0.05	94	0.08	1.30	27	<0.5		
96631		<0.02	<0.05	88	0.06	1.94	24	<0.5	77.6	
96632		<0.02	<0.05	62	0.11	3.90	25	<0.5		
96633		<0.02	<0.05	49	0.09	4.73	24	<0.5		
96634		<0.02	<0.05	95	0.09	2.36	29	<0.5		
96635		1.05	0.28	142	0.05	5.24	52	<0.5		
96636		<0.02	<0.05	41	0.09	4.51	19	<0.5	77.6	
96637		0.15	<0.05	106	0.06	2.71	28	<0.5		
96638		<0.02	<0.05	49	0.09	4.88	21	<0.5		
96639		<0.02	<0.05	105	0.08	3.37	27	<0.5		
96640		<0.02	<0.05	101	0.06	3.82	27	<0.5		
									74.3	89.1
									74.3	92.6



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Page: 3 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 29-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365068**

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Units		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
LOD		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
96641		2.43	0.02	2.06	1.0	<0.02	<10	10	<0.05	0.15	3.88	0.04	2.18	56.1	1480	0.82
96642		2.16	0.01	1.83	0.7	<0.02	<10	10	<0.05	0.10	3.18	0.03	1.79	49.6	1280	0.86
96643		5.22	0.04	1.93	0.1	<0.02	<10	10	<0.05	0.21	2.16	0.03	3.98	45.0	1180	0.71
96644		4.51	0.02	2.23	0.5	<0.02	<10	10	<0.05	0.10	1.67	0.02	2.84	53.3	1560	1.08
96645		<0.02	0.02	2.20	0.2	<0.02	<10	10	<0.05	0.05	1.68	0.02	2.75	53.2	1535	1.10
96646		4.93	0.02	1.93	0.1	<0.02	<10	<10	<0.05	0.12	2.40	0.03	1.46	50.2	1295	1.16
96647		4.97	0.02	2.03	0.1	<0.02	<10	<10	<0.05	0.22	1.61	0.02	0.98	54.7	1500	1.30
96648		5.63	0.02	2.00	0.3	<0.02	<10	<10	<0.05	0.09	1.30	0.02	1.13	54.3	1525	1.15
96649		5.39	0.01	2.26	0.8	<0.02	<10	30	<0.05	0.05	0.39	0.01	1.06	47.9	1635	1.14
96650		4.76	0.01	1.98	0.5	<0.02	<10	<10	<0.05	0.08	1.85	0.02	1.58	51.1	1380	0.86

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Page: 3 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 29-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365068**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
96641		36.0	4.70	4.56	0.14	<0.02	0.01	0.013	<0.01	0.9	3.0	6.89	714	0.10	0.01	<0.05
96642		37.3	3.96	4.04	0.12	<0.02	0.01	0.012	<0.01	0.7	2.6	5.87	604	<0.05	0.01	<0.05
96643		33.7	3.25	4.56	0.14	<0.02	0.01	0.012	<0.01	1.9	3.7	5.29	451	<0.05	0.01	<0.05
96644		30.4	4.52	4.74	0.13	<0.02	<0.01	0.014	<0.01	1.3	2.5	5.91	393	0.14	0.01	<0.05
96645		30.4	4.41	4.68	0.13	<0.02	0.01	0.017	<0.01	1.3	2.4	5.85	395	<0.05	0.01	<0.05
96646		41.4	3.66	4.43	0.14	<0.02	0.01	0.011	<0.01	0.6	2.4	5.82	472	<0.05	0.01	<0.05
96647		51.0	4.18	4.54	0.14	<0.02	<0.01	0.016	<0.01	0.4	1.9	5.63	346	0.05	0.01	<0.05
96648		44.7	4.08	4.57	0.13	<0.02	<0.01	0.013	<0.01	0.5	1.5	5.30	316	<0.05	<0.01	<0.05
96649		29.2	4.35	4.84	0.12	<0.02	<0.01	0.013	0.06	0.5	2.5	5.05	201	<0.05	<0.01	<0.05
96650		41.7	3.74	4.72	0.11	<0.02	<0.01	0.010	<0.01	0.7	1.5	5.36	375	0.07	<0.01	<0.05

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Page: 3 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 29-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365068**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
96641		778	110	2.8	0.4	<0.001	0.12	<0.05	5.4	0.3	<0.2	450	<0.01	0.04	<0.2	0.019
96642		692	90	2.5	0.3	<0.001	0.12	<0.05	4.1	0.4	<0.2	361	<0.01	0.03	<0.2	0.014
96643		629	190	10.7	0.3	<0.001	0.05	<0.05	2.6	0.4	<0.2	227	<0.01	0.01	0.5	0.015
96644		698	250	1.7	0.4	<0.001	0.03	<0.05	4.0	0.3	<0.2	169.0	<0.01	0.03	0.2	0.020
96645		690	230	1.8	0.4	<0.001	0.03	<0.05	4.0	0.3	<0.2	168.5	<0.01	0.02	0.3	0.019
96646		769	20	1.8	0.4	<0.001	0.10	<0.05	3.7	0.4	<0.2	304	<0.01	0.03	<0.2	0.018
96647		784	50	1.1	0.5	<0.001	0.08	<0.05	3.8	0.4	<0.2	191.0	<0.01	0.03	<0.2	0.016
96648		792	120	1.1	0.5	<0.001	0.09	<0.05	2.8	0.4	<0.2	147.0	<0.01	0.02	<0.2	0.019
96649		630	100	0.8	2.9	<0.001	0.03	<0.05	2.5	0.5	<0.2	43.4	<0.01	0.01	<0.2	0.026
96650		754	100	1.4	0.4	<0.001	0.14	<0.05	2.3	0.4	<0.2	267	<0.01	0.03	<0.2	0.020

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Page: 3 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 29-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365068
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Sample Description	Method Analyte Units LOD	ME-MS41 TI ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
96641		<0.02	<0.05	101	0.06	6.26	29	<0.5		
96642		<0.02	<0.05	79	0.05	5.07	26	<0.5		
96643		<0.02	0.05	70	<0.05	3.72	27	<0.5		
96644		<0.02	<0.05	107	0.11	3.72	29	<0.5		
96645		<0.02	<0.05	103	0.07	3.67	28	<0.5		
96646		<0.02	<0.05	72	0.09	3.82	26	<0.5		
96647		<0.02	<0.05	91	0.08	2.67	27	<0.5		
96648		<0.02	<0.05	96	0.07	2.33	27	<0.5		
96649		0.03	<0.05	108	0.10	1.12	31	<0.5		
96650		<0.02	<0.05	88	0.06	2.78	27	<0.5		

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Page: Appendix 1  
 Total # Appendix Pages: 1  
 Finalized Date: 29-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365068**

	<b>CERTIFICATE COMMENTS</b>												
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).            ME-MS41</p>												
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-22</td> <td style="width: 15%;">LOG-22d</td> </tr> <tr> <td>PUL-31</td> <td>PUL-31d</td> <td>PUL-QC</td> <td>SPL-21</td> </tr> <tr> <td>SPL-21d</td> <td>WEI-21</td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-22	LOG-22d	PUL-31	PUL-31d	PUL-QC	SPL-21	SPL-21d	WEI-21		
CRU-31	CRU-QC	LOG-22	LOG-22d										
PUL-31	PUL-31d	PUL-QC	SPL-21										
SPL-21d	WEI-21												
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.            ME-MS41</p>												



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Page: 1  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 28-JAN-2023  
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**SD22365140**

Project: LAL-VIC 2022 DDH  
 P.O. No.: BATCH 7  
 This report is for 50 samples of 1/2 Core submitted to our lab in Sudbury, ON,  
 Canada on 19-DEC-2022.

The following have access to data associated with this certificate:

SAHIL ALURKAR  
 FRANCIS NEWTON

FRANCIS NEWTON  
 BRIAN NEWTON

BRIAN NEWTON  
 ACCESS WEBTRIEVE

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS41	Ultra Trace Aqua Regia ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**

Saa Traxler, Director, North Vancouver Operations







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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 28-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365140**

Sample Description	Method Analyte Units LOD	WEI-21	CRU-QC	PUL-QC	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Recvd Wt. kg	Pass2mm %	Pass75um %	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm
96751		4.90	79.6	91.0	0.05	2.71	1.4	<0.02	<10	200	0.09	0.21	1.05	0.03	5.23	61.4
96752		0.63			0.01	0.04	0.4	<0.02	<10	20	<0.05	<0.01	>25.0	0.01	0.87	2.2
96753		4.72			0.03	2.61	0.5	<0.02	<10	<10	<0.05	0.28	0.88	0.02	0.86	66.3
96754		5.17		94.7	0.02	2.56	1.2	<0.02	<10	20	<0.05	0.27	0.69	0.01	0.96	53.5
96755		4.58			0.03	2.02	0.1	<0.02	<10	70	0.08	0.34	2.72	0.06	2.55	57.3
96756		4.76			0.02	1.41	0.6	<0.02	<10	10	<0.05	0.51	4.87	0.09	2.78	54.0
96757		4.29			0.03	3.65	0.4	<0.02	<10	370	0.36	0.19	0.44	0.03	9.58	57.1
96758		5.08			0.08	2.62	0.9	<0.02	<10	110	0.13	0.22	0.24	0.04	1.25	62.4
96759		5.24			0.07	1.98	1.4	<0.02	<10	<10	<0.05	0.32	0.15	0.04	0.41	62.8
96760		4.64			0.02	4.67	0.3	<0.02	<10	270	0.20	0.59	0.49	0.01	40.9	51.7
96761		5.46			0.07	2.64	0.2	<0.02	<10	100	0.09	0.39	0.29	0.04	6.70	63.0
96762		<0.02			0.07	2.68	0.2	<0.02	<10	100	0.09	0.32	0.31	0.03	6.91	60.8
96763		5.47	84.1		0.03	2.08	4.2	<0.02	<10	10	<0.05	0.38	1.73	0.04	1.48	62.6
96764		1.73			0.02	1.87	1.4	<0.02	<10	<10	<0.05	0.45	2.06	0.07	0.91	54.0
96765		2.82			0.02	1.98	0.8	<0.02	<10	<10	<0.05	0.45	1.95	0.06	0.93	60.1
96766		5.16			0.01	1.72	1.3	<0.02	10	10	<0.05	0.63	3.86	0.06	1.27	50.3
96767		5.33		95.4	0.01	2.02	0.4	<0.02	<10	<10	<0.05	0.36	2.57	0.05	1.00	55.7
96768		4.23		92.5	0.05	3.72	0.2	<0.02	<10	290	0.09	0.18	0.37	0.02	0.45	58.1
96769		5.23			0.04	3.14	0.2	<0.02	<10	570	0.12	0.15	1.09	0.03	14.50	49.9
96770		4.80			0.03	3.02	0.6	<0.02	<10	510	0.12	0.13	0.90	0.02	15.00	46.6
96771		4.82			0.06	2.97	0.7	<0.02	<10	360	0.05	0.11	0.48	0.03	2.16	48.0
96772		0.72			<0.01	0.04	0.1	<0.02	10	20	<0.05	0.01	>25.0	0.01	0.93	2.0
96773		4.67			0.01	3.74	0.5	<0.02	<10	850	0.16	0.05	0.94	0.02	29.1	47.6
96774		4.84			0.06	3.36	0.2	<0.02	<10	360	0.06	0.15	0.36	0.03	0.61	63.8
96775		5.08			0.04	2.82	0.8	<0.02	10	440	0.35	0.12	1.42	0.03	35.7	38.3
96776		5.30			0.03	2.99	0.3	<0.02	<10	60	<0.05	0.06	0.27	0.01	0.51	51.8
96777		4.82			0.06	3.93	0.6	<0.02	<10	550	0.06	0.22	0.30	0.01	14.30	54.0
96778		4.71			0.03	3.34	1.3	<0.02	<10	200	<0.05	0.22	0.27	0.01	1.19	55.1
96779		4.96			0.02	2.74	0.6	<0.02	<10	180	<0.05	0.10	0.17	0.01	1.72	45.5
96780		5.24			0.02	3.47	0.7	<0.02	<10	370	0.05	0.08	0.23	0.01	4.55	57.4
96781		4.74			0.03	2.76	<0.1	<0.02	<10	10	<0.05	0.08	0.27	0.01	0.50	56.2
96782		5.18			0.04	3.04	0.7	<0.02	<10	210	<0.05	0.18	0.15	0.01	0.97	52.4
96783		5.53			0.03	2.84	0.3	<0.02	<10	230	<0.05	0.09	0.23	0.01	1.63	47.5
96784		4.64			0.02	2.86	0.6	<0.02	<10	20	<0.05	0.06	0.24	0.01	0.61	52.0
96785		4.87			0.04	2.79	0.7	<0.02	<10	150	<0.05	0.13	0.38	0.01	2.24	48.4
96786		6.09			0.03	3.04	0.8	<0.02	<10	140	<0.05	0.08	0.37	0.02	1.51	45.0
96787		4.86			0.02	3.35	0.3	<0.02	<10	660	0.08	0.06	0.32	0.01	10.45	50.6
96788		5.49			0.01	3.81	0.8	<0.02	<10	800	0.09	0.05	0.28	0.01	5.80	56.0
96789		4.69		89.7	0.01	2.61	0.8	<0.02	<10	10	<0.05	0.06	0.51	0.02	0.89	57.7
96790		4.69	74.0	90.5	0.01	2.41	0.4	<0.02	<10	20	<0.05	0.06	0.63	0.02	0.99	50.4



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 Plus Appendix Pages  
 Finalized Date: 28-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365140**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cr	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		1	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
96751		1250	2.56	65.2	3.99	6.37	0.16	<0.02	0.01	0.010	0.52	2.6	16.5	5.09	367	0.38
96752		11	<0.05	3.7	0.14	0.12	<0.05	<0.02	0.01	<0.005	0.01	1.1	<0.1	0.51	92	0.37
96753		1500	0.32	61.1	4.14	5.70	0.13	<0.02	<0.01	0.011	<0.01	0.4	1.9	5.32	315	0.11
96754		1435	1.01	49.5	3.84	5.33	0.10	<0.02	<0.01	0.011	0.10	0.5	5.5	5.03	285	0.08
96755		1215	2.19	64.0	3.73	4.89	0.13	<0.02	<0.01	0.014	0.27	1.3	8.6	5.33	575	0.19
96756		1015	0.23	55.4	3.44	3.49	0.12	<0.02	<0.01	0.011	<0.01	1.5	1.8	5.75	787	0.19
96757		868	16.40	52.6	4.80	9.12	0.16	0.03	<0.01	0.014	1.90	4.0	33.3	7.28	292	0.18
96758		1370	3.37	121.5	3.44	6.38	0.14	<0.02	0.01	0.010	0.53	0.6	14.3	5.13	195	0.13
96759		1235	0.43	120.0	2.71	4.91	0.13	<0.02	<0.01	0.011	0.01	<0.2	3.3	3.93	148	0.11
96760		1180	22.1	18.3	5.25	12.25	0.24	0.08	<0.01	0.015	1.72	19.7	43.6	8.98	328	0.07
96761		1300	8.85	85.4	3.63	6.76	0.15	0.04	<0.01	0.012	0.57	3.0	18.5	5.33	223	0.08
96762		1305	8.39	84.3	3.68	6.75	0.16	0.04	<0.01	0.012	0.57	3.2	18.7	5.43	232	0.07
96763		1345	0.63	52.8	3.56	5.61	0.15	<0.02	<0.01	0.012	0.01	0.6	3.3	5.10	420	0.18
96764		1230	0.48	49.0	3.44	4.78	0.13	<0.02	<0.01	0.010	<0.01	0.4	2.1	5.22	438	<0.05
96765		1320	0.55	57.0	3.47	5.14	0.12	<0.02	<0.01	0.012	<0.01	0.4	2.1	5.28	413	0.18
96766		1165	0.67	14.0	3.97	4.51	0.14	<0.02	<0.01	0.012	<0.01	0.5	3.3	6.18	807	0.06
96767		1245	0.34	52.9	3.70	4.40	0.13	<0.02	<0.01	0.010	<0.01	0.4	1.9	5.52	530	0.13
96768		1645	5.05	78.1	5.03	6.11	0.10	<0.02	<0.01	0.008	1.00	0.2	21.9	6.21	375	0.05
96769		1195	11.80	31.6	4.09	6.94	0.13	0.03	<0.01	0.006	1.89	5.9	35.9	5.04	450	0.07
96770		977	10.70	40.4	3.86	6.54	0.16	0.05	<0.01	0.008	1.98	6.2	49.8	4.59	400	0.07
96771		1040	6.73	66.9	3.64	6.28	0.12	0.03	<0.01	0.006	1.48	1.1	50.1	4.60	378	0.05
96772		9	0.06	3.0	0.16	0.11	0.05	<0.02	<0.01	<0.005	0.01	1.2	0.3	0.49	85	0.07
96773		846	12.35	5.9	4.58	8.16	0.16	0.08	<0.01	0.009	2.75	13.7	89.0	5.27	475	0.08
96774		1455	6.46	162.5	4.39	6.97	0.10	0.02	<0.01	0.006	1.44	0.3	52.3	5.34	388	0.09
96775		850	7.65	32.1	3.66	6.53	0.16	0.14	<0.01	0.010	1.37	16.6	40.8	4.25	445	0.10
96776		1375	1.88	89.2	3.67	6.16	0.09	<0.02	<0.01	0.008	0.22	0.2	19.1	4.90	320	0.05
96777		1260	10.50	27.0	4.88	8.24	0.12	0.03	<0.01	0.009	1.66	6.3	47.9	6.04	438	0.09
96778		1420	5.08	46.9	4.08	6.98	0.12	0.02	<0.01	0.006	0.79	0.5	28.5	5.48	334	0.06
96779		1125	4.06	47.0	3.42	5.67	0.11	<0.02	<0.01	0.005	0.73	0.9	21.0	4.58	237	0.10
96780		1265	9.00	46.6	4.27	7.64	0.11	0.02	<0.01	0.005	1.55	2.3	37.1	5.79	291	<0.05
96781		1410	0.89	96.0	3.56	5.81	0.10	<0.02	<0.01	0.006	0.02	0.3	7.3	4.88	252	0.08
96782		1160	7.77	55.2	3.72	6.54	0.11	<0.02	<0.01	<0.005	1.01	0.4	25.7	5.40	270	0.05
96783		1105	5.84	45.9	3.59	6.39	0.11	0.02	<0.01	0.006	0.99	0.8	22.7	4.90	245	0.13
96784		1235	1.34	70.0	3.54	6.19	0.10	<0.02	<0.01	0.008	0.08	0.3	9.1	4.84	252	0.07
96785		1135	4.91	57.7	3.38	6.57	0.09	<0.02	<0.01	0.007	0.55	1.0	16.6	4.81	267	0.07
96786		1210	4.11	63.2	3.57	5.98	0.09	<0.02	<0.01	0.005	0.54	0.8	20.2	5.26	284	<0.05
96787		1010	12.50	50.9	4.03	7.58	0.11	0.03	<0.01	0.009	2.09	4.4	44.5	5.42	291	<0.05
96788		1165	15.45	25.6	4.83	8.30	0.11	0.02	<0.01	0.009	2.53	2.7	49.7	6.18	313	0.05
96789		1245	0.89	88.8	3.34	5.96	0.10	<0.02	<0.01	0.010	0.04	0.4	5.3	4.72	255	0.12
96790		1095	0.95	78.3	3.05	5.17	0.07	0.02	<0.01	0.006	0.05	0.5	6.3	4.28	266	0.05



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Page: 2 - C  
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**CERTIFICATE OF ANALYSIS SD22365140**

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
	Analyte Units LOD	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm
96751		0.02	<0.05	790	190	2.9	22.6	<0.001	0.54	0.18	4.7	0.2	<0.2	76.6	<0.01	0.05
96752		0.01	<0.05	7.1	60	0.9	0.2	<0.001	0.01	0.07	0.4	0.6	<0.2	84.4	<0.01	<0.01
96753		0.01	<0.05	909	70	0.8	0.3	<0.001	0.54	<0.05	2.9	<0.2	<0.2	52.9	<0.01	0.05
96754		0.01	<0.05	799	70	0.5	4.7	<0.001	0.38	0.05	2.3	0.5	<0.2	31.6	<0.01	0.04
96755		0.01	<0.05	944	100	1.7	13.7	<0.001	0.42	<0.05	4.6	0.3	<0.2	268	<0.01	0.07
96756		<0.01	<0.05	1005	50	2.6	0.2	<0.001	0.34	<0.05	4.9	0.3	<0.2	556	<0.01	0.06
96757		0.02	<0.05	725	640	0.7	91.4	<0.001	0.38	<0.05	7.1	0.3	<0.2	35.9	<0.01	0.03
96758		0.02	<0.05	1045	60	4.2	23.6	<0.001	0.19	<0.05	2.7	0.4	<0.2	10.3	<0.01	0.06
96759		0.01	<0.05	1105	40	1.2	0.9	<0.001	0.37	<0.05	1.6	0.4	<0.2	5.0	<0.01	0.06
96760		0.02	<0.05	595	1580	2.3	94.5	<0.001	0.02	0.10	9.2	0.2	<0.2	41.8	<0.01	0.02
96761		0.01	<0.05	1040	330	3.0	32.5	<0.001	0.45	<0.05	3.3	0.5	<0.2	16.1	<0.01	0.07
96762		0.02	<0.05	1030	330	3.0	32.0	0.001	0.44	<0.05	3.3	0.7	<0.2	16.1	<0.01	0.08
96763		0.01	<0.05	977	110	1.0	0.5	<0.001	0.49	<0.05	4.4	0.3	<0.2	166.0	<0.01	0.08
96764		0.01	<0.05	907	30	1.3	0.3	0.001	0.28	<0.05	4.3	0.4	<0.2	234	<0.01	0.09
96765		0.01	<0.05	1005	40	1.2	0.3	<0.001	0.32	<0.05	4.3	0.3	<0.2	234	<0.01	0.08
96766		0.01	<0.05	771	10	1.6	0.4	<0.001	0.12	<0.05	10.8	<0.2	<0.2	452	<0.01	0.05
96767		0.01	<0.05	857	50	1.4	0.3	<0.001	0.42	<0.05	5.4	0.3	<0.2	306	<0.01	0.05
96768		0.02	<0.05	682	150	2.7	42.7	<0.001	0.21	<0.05	2.8	0.2	<0.2	19.2	<0.01	0.03
96769		0.04	<0.05	522	420	4.8	91.5	<0.001	0.08	<0.05	2.6	0.2	<0.2	94.8	<0.01	0.01
96770		0.12	<0.05	450	490	4.8	90.9	<0.001	0.09	<0.05	4.5	0.2	<0.2	43.3	<0.01	<0.01
96771		0.07	<0.05	529	110	3.9	65.3	<0.001	0.15	<0.05	2.9	0.3	<0.2	13.8	<0.01	0.02
96772		0.01	<0.05	4.4	70	0.4	0.5	<0.001	<0.01	<0.05	0.5	0.5	<0.2	81.6	<0.01	0.01
96773		0.15	<0.05	391	740	1.7	119.5	<0.001	0.01	<0.05	6.3	<0.2	<0.2	50.9	<0.01	0.01
96774		0.04	<0.05	738	100	3.4	62.4	0.001	0.44	<0.05	2.6	0.4	<0.2	8.5	<0.01	0.04
96775		0.20	<0.05	347	1020	5.6	61.7	<0.001	0.07	<0.05	5.6	0.5	0.2	93.9	<0.01	<0.01
96776		0.03	<0.05	621	90	0.5	10.0	<0.001	0.22	<0.05	2.1	0.4	<0.2	8.8	<0.01	0.02
96777		0.04	<0.05	542	410	9.2	73.1	<0.001	0.10	<0.05	7.1	<0.2	<0.2	23.0	<0.01	0.03
96778		0.03	<0.05	643	120	6.4	34.8	<0.001	0.13	<0.05	2.7	<0.2	<0.2	13.4	<0.01	0.03
96779		0.02	<0.05	578	150	2.5	32.1	<0.001	0.16	<0.05	1.7	0.3	<0.2	12.4	<0.01	0.03
96780		0.02	<0.05	602	320	1.9	67.6	<0.001	0.10	<0.05	3.8	0.2	<0.2	25.0	<0.01	0.02
96781		0.01	<0.05	746	90	0.3	1.5	0.001	0.32	<0.05	1.6	0.5	<0.2	33.8	<0.01	0.03
96782		0.03	<0.05	673	60	7.1	47.8	<0.001	0.07	<0.05	1.6	0.2	<0.2	13.9	<0.01	0.03
96783		0.02	<0.05	583	130	3.1	43.0	<0.001	0.07	<0.05	1.6	0.2	<0.2	22.0	<0.01	0.02
96784		0.02	<0.05	654	140	0.5	4.0	<0.001	0.13	<0.05	1.3	0.3	<0.2	33.4	<0.01	0.01
96785		0.02	<0.05	651	180	5.5	29.0	<0.001	0.10	<0.05	1.5	0.3	<0.2	57.2	<0.01	0.02
96786		0.02	<0.05	679	160	3.7	22.8	<0.001	0.12	<0.05	1.3	0.2	<0.2	46.5	<0.01	0.01
96787		0.03	<0.05	615	480	3.0	89.3	<0.001	0.07	<0.05	2.2	0.4	<0.2	46.0	<0.01	0.01
96788		0.02	<0.05	559	350	3.0	112.5	<0.001	0.01	<0.05	2.5	<0.2	<0.2	44.2	<0.01	<0.01
96789		0.01	<0.05	744	110	0.8	2.3	<0.001	0.23	<0.05	1.3	0.4	<0.2	71.8	<0.01	0.02
96790		0.01	<0.05	680	110	0.9	2.7	<0.001	0.19	<0.05	1.1	0.4	<0.2	79.6	<0.01	0.02



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Page: 2 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 28-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365140**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Th	Ti	Tl	U	V	W	Y	Zn	Zr
		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.2	0.005	0.02	0.05	1	0.05	0.05	2	0.5
96751		0.3	0.063	0.18	0.05	79	0.31	1.80	35	<0.5
96752		<0.2	<0.005	<0.02	0.10	1	<0.05	1.98	2	<0.5
96753		<0.2	0.038	<0.02	<0.05	92	0.35	1.14	30	<0.5
96754		<0.2	0.046	0.05	<0.05	79	0.22	1.03	33	<0.5
96755		<0.2	0.042	0.11	<0.05	60	0.20	2.90	31	<0.5
96756		<0.2	0.024	<0.02	<0.05	50	0.11	3.90	23	<0.5
96757		0.6	0.119	0.69	0.16	96	0.06	3.62	63	1.4
96758		0.2	0.064	0.21	0.07	70	0.09	0.58	41	<0.5
96759		<0.2	0.027	0.03	<0.05	53	0.08	0.45	29	<0.5
96760		2.5	0.138	0.73	0.59	122	0.20	6.67	78	3.9
96761		0.6	0.063	0.27	0.22	66	0.18	2.29	43	1.6
96762		0.5	0.066	0.25	0.19	67	0.18	2.26	43	1.7
96763		<0.2	0.028	0.02	0.05	66	0.20	2.38	30	<0.5
96764		<0.2	0.027	<0.02	<0.05	61	0.11	2.09	29	<0.5
96765		<0.2	0.027	<0.02	<0.05	62	0.14	2.05	29	<0.5
96766		<0.2	0.023	<0.02	<0.05	60	0.10	4.40	26	<0.5
96767		<0.2	0.028	<0.02	<0.05	69	0.31	2.74	24	<0.5
96768		<0.2	0.102	0.34	<0.05	103	0.15	1.22	39	<0.5
96769		0.3	0.136	0.70	0.06	72	0.19	2.13	39	0.9
96770		0.9	0.150	0.68	0.20	64	0.47	2.62	40	1.8
96771		<0.2	0.118	0.49	<0.05	53	0.36	1.16	38	0.7
96772		<0.2	<0.005	<0.02	0.13	1	<0.05	2.27	<2	<0.5
96773		1.9	0.198	0.85	0.39	82	0.18	3.59	57	3.5
96774		<0.2	0.136	0.48	<0.05	67	0.15	1.03	39	<0.5
96775		1.9	0.146	0.45	0.70	69	0.18	3.82	47	5.3
96776		<0.2	0.075	0.09	<0.05	62	0.20	0.92	32	<0.5
96777		0.8	0.153	0.57	0.15	90	0.39	2.93	48	1.1
96778		<0.2	0.098	0.29	<0.05	71	0.36	1.12	35	0.5
96779		<0.2	0.077	0.23	<0.05	59	0.40	0.71	28	<0.5
96780		0.5	0.113	0.46	0.05	84	0.33	1.08	38	0.6
96781		<0.2	0.029	<0.02	<0.05	68	0.44	0.77	26	<0.5
96782		0.3	0.088	0.34	<0.05	61	0.22	0.79	34	0.5
96783		0.3	0.080	0.30	0.05	67	0.32	0.78	31	0.7
96784		<0.2	0.033	0.04	<0.05	75	0.51	0.89	30	<0.5
96785		0.2	0.073	0.20	0.05	62	0.49	1.18	30	0.5
96786		<0.2	0.066	0.16	<0.05	63	0.42	1.10	34	<0.5
96787		0.8	0.138	0.70	0.13	80	0.23	1.82	39	0.9
96788		0.5	0.162	0.83	0.08	108	0.22	1.71	45	0.7
96789		<0.2	0.028	0.02	0.05	75	0.48	1.08	28	<0.5
96790		<0.2	0.028	0.02	<0.05	65	0.62	1.18	26	<0.5



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Page: 3 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 28-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

<b>CERTIFICATE OF ANALYSIS SD22365140</b>
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Sample Description	Method Analyte Units LOD	WEI-21	CRU-QC	PUL-QC	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Recvd Wt.	Pass2mm	Pass75um	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co
		kg	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		0.02	0.01	0.01	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.02	0.1	
96791		1.78			0.02	3.41	0.4	<0.02	<10	520	0.07	0.06	0.45	0.02	13.30	55.4
96792		2.67			0.02	3.42	0.2	<0.02	<10	620	0.08	0.05	0.61	0.02	17.70	51.8
96793		5.00			0.02	2.94	0.3	<0.02	<10	110	<0.05	0.06	0.24	0.01	0.96	55.5
96794		4.89			0.01	2.62	0.2	<0.02	<10	30	<0.05	0.06	0.36	0.02	1.41	53.1
96795		<0.02			0.02	2.62	0.3	<0.02	<10	30	<0.05	0.05	0.38	0.02	1.37	52.7
96796		5.04			0.03	1.64	0.3	<0.02	<10	400	0.33	0.05	2.75	0.04	34.2	17.0
96797		4.36			0.03	1.76	<0.1	<0.02	<10	610	0.30	0.08	1.45	0.02	55.7	24.8
96798		5.17			0.06	3.16	0.3	<0.02	<10	720	0.12	0.06	0.68	0.03	12.40	51.1
96799		5.63			0.02	2.44	0.3	<0.02	<10	50	<0.05	0.07	1.17	0.02	1.53	55.4
96800		5.28			0.05	2.45	0.2	<0.02	<10	20	<0.05	0.10	0.44	0.04	1.73	58.2

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Page: 3 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 28-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365140**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cr	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		1	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
96791		1060	8.11	58.8	4.10	7.18	0.11	0.03	<0.01	0.008	1.57	6.0	38.3	5.52	305	0.05
96792		1020	10.30	46.4	4.11	7.40	0.12	0.03	<0.01	0.006	1.85	8.4	41.8	5.53	319	<0.05
96793		1255	2.41	80.4	3.54	6.47	0.09	<0.02	<0.01	0.007	0.34	0.5	13.6	5.02	257	0.05
96794		1155	1.27	103.0	3.25	5.71	0.08	<0.02	<0.01	0.007	0.11	0.7	9.1	4.53	231	0.08
96795		1160	1.24	100.5	3.20	5.82	0.07	<0.02	<0.01	0.006	0.11	0.7	8.9	4.53	233	0.08
96796		303	3.30	47.4	2.22	3.73	0.14	0.18	<0.01	0.011	0.72	15.8	24.6	2.21	383	0.08
96797		367	2.89	48.7	2.36	4.48	0.16	0.22	<0.01	0.010	0.89	29.0	33.9	2.46	319	0.16
96798		949	9.84	81.8	4.03	7.48	0.11	0.05	<0.01	0.008	1.95	5.5	48.4	5.01	329	0.07
96799		1225	1.08	93.6	3.40	5.32	0.09	<0.02	<0.01	0.008	0.15	0.9	7.8	4.58	286	0.07
96800		1205	1.92	99.3	3.14	5.96	0.09	0.02	<0.01	0.006	0.10	1.0	10.6	4.53	241	0.10



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Page: 3 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 28-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365140
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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
	Analyte	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.01	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01
96791		0.03	<0.05	621	570	2.8	63.6	<0.001	0.12	<0.05	4.2	<0.2	<0.2	66.8	<0.01	0.02
96792		0.03	<0.05	552	680	2.7	78.2	<0.001	0.09	<0.05	4.0	<0.2	<0.2	92.9	<0.01	0.01
96793		0.01	<0.05	706	110	0.8	15.0	<0.001	0.15	<0.05	1.3	0.4	<0.2	32.7	<0.01	0.02
96794		0.01	<0.05	708	130	0.8	5.0	<0.001	0.22	<0.05	1.2	0.2	<0.2	55.3	<0.01	0.02
96795		0.01	<0.05	692	130	0.5	5.0	<0.001	0.21	<0.05	1.2	0.2	<0.2	58.8	<0.01	0.02
96796		0.22	<0.05	141.5	2150	3.8	29.0	<0.001	<0.01	<0.05	5.6	<0.2	0.2	221	<0.01	<0.01
96797		0.18	<0.05	168.5	1610	3.4	41.2	<0.001	<0.01	<0.05	5.3	<0.2	0.2	62.4	<0.01	<0.01
96798		0.04	<0.05	515	380	8.0	88.7	<0.001	0.05	<0.05	2.5	<0.2	<0.2	105.0	<0.01	<0.01
96799		0.01	<0.05	833	100	1.0	5.7	<0.001	0.34	<0.05	1.1	0.5	<0.2	177.0	<0.01	0.03
96800		0.01	<0.05	840	100	4.8	6.1	<0.001	0.26	<0.05	1.1	0.4	<0.2	66.2	<0.01	0.02

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Page: 3 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 28-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365140
------------------------------------

Sample Description	Method Analyte Units LOD	ME-MS41 Th ppm 0.2	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
96791		0.6	0.119	0.51	0.11	84	0.33	2.08	38	1.0
96792		0.7	0.132	0.58	0.13	84	0.39	2.67	38	1.4
96793		<0.2	0.046	0.12	<0.05	74	0.69	0.96	31	<0.5
96794		<0.2	0.030	0.05	<0.05	67	0.63	1.10	27	<0.5
96795		<0.2	0.030	0.04	<0.05	66	0.38	1.10	27	<0.5
96796		2.2	0.124	0.23	0.71	56	0.11	5.46	29	5.3
96797		3.9	0.148	0.39	0.81	53	0.15	5.24	30	7.4
96798		0.7	0.141	0.69	0.12	83	0.06	2.05	40	1.6
96799		<0.2	0.034	0.08	<0.05	75	0.09	1.56	25	<0.5
96800		<0.2	0.049	0.06	0.06	59	0.14	1.01	29	<0.5





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Page: Appendix 1  
 Total # Appendix Pages: 1  
 Finalized Date: 28-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365140**

	<b>CERTIFICATE COMMENTS</b>												
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).            ME-MS41</p>												
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-22</td> <td style="width: 15%;">LOG-22d</td> </tr> <tr> <td>PUL-31</td> <td>PUL-31d</td> <td>PUL-QC</td> <td>SPL-21</td> </tr> <tr> <td>SPL-21d</td> <td>WEI-21</td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-22	LOG-22d	PUL-31	PUL-31d	PUL-QC	SPL-21	SPL-21d	WEI-21		
CRU-31	CRU-QC	LOG-22	LOG-22d										
PUL-31	PUL-31d	PUL-QC	SPL-21										
SPL-21d	WEI-21												
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.            ME-MS41</p>												



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Page: 1  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 28-JAN-2023  
 This copy reported on  
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 Account: MINMAN

**SD22365148**

Project: LAL-VIC 2022 DDH  
 P.O. No.: BATCH 9  
 This report is for 50 samples of 1/2 Core submitted to our lab in Sudbury, ON,  
 Canada on 19-DEC-2022.

The following have access to data associated with this certificate:

SAHIL ALURKAR  
 FRANCIS NEWTON

FRANCIS NEWTON  
 BRIAN NEWTON

BRIAN NEWTON  
 ACCESS WEBTRIEVE

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS41	Ultra Trace Aqua Regia ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**

Saa Traxler, Director, North Vancouver Operations





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Page: 2 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 28-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365148**

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Units		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
LOD		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
96851		3.11	0.11	4.19	5.9	<0.02	<10	530	0.29	0.30	0.45	0.02	0.95	65.5	1125	13.70
96852		0.82	0.03	0.06	<0.1	<0.02	<10	20	0.06	0.02	>25.0	0.02	1.00	1.6	4	0.12
96853		1.49	0.03	3.56	0.6	<0.02	<10	650	0.97	0.28	3.57	0.02	57.0	41.9	385	14.65
96854		3.05	0.02	2.97	0.5	<0.02	<10	790	0.26	0.05	0.66	<0.02	3.15	47.3	1225	6.81
96855		2.89	0.02	2.19	0.5	<0.02	<10	840	0.32	0.06	0.83	0.02	44.0	33.8	730	4.40
96856		4.38	0.04	2.14	0.1	<0.02	<10	660	0.49	0.04	2.63	0.16	69.0	28.2	230	2.81
96857		4.75	0.04	2.18	0.2	<0.02	<10	650	0.31	0.05	2.81	0.09	44.4	31.8	395	3.73
96858		3.59	0.06	2.30	0.1	<0.02	<10	840	0.34	0.07	3.37	0.07	65.9	35.0	397	4.00
96859		2.53	0.15	0.87	0.2	<0.02	<10	100	0.15	0.13	1.49	1.67	85.4	29.9	157	0.73
96860		3.49	0.06	0.70	0.2	<0.02	<10	90	0.17	0.18	0.22	0.02	61.1	21.1	131	1.59
96861		3.58	0.08	0.76	0.1	<0.02	<10	270	0.19	0.24	0.25	0.07	62.5	19.8	120	1.56
96862		<0.02	0.08	0.77	0.3	<0.02	<10	270	0.19	0.23	0.26	0.08	61.2	19.0	121	1.55
96863		3.26	0.09	1.37	0.1	<0.02	<10	440	0.19	0.25	0.20	0.04	55.1	18.0	166	2.49
96864		2.57	0.08	1.19	0.3	<0.02	<10	420	0.19	0.13	0.35	0.03	53.8	17.8	163	1.88
96865		2.55	0.07	1.14	0.1	<0.02	<10	400	0.17	0.15	0.29	0.02	55.4	16.9	152	1.88
96866		2.11	0.10	0.87	0.1	<0.02	<10	280	0.18	0.13	0.33	0.03	62.3	20.3	138	1.46
96867		2.70	0.08	1.31	0.4	<0.02	<10	340	0.32	0.09	1.73	0.09	53.0	25.9	186	1.38
96868		1.75	0.07	1.36	<0.1	<0.02	<10	420	0.35	0.07	1.64	0.06	55.0	23.4	192	1.82
96869		4.43	0.07	1.19	<0.1	<0.02	<10	510	0.22	0.12	0.38	0.05	64.7	19.0	165	1.73
96870		2.72	0.09	1.50	<0.1	<0.02	<10	550	0.18	0.19	0.32	0.07	62.2	21.1	166	1.96
96871		3.58	0.10	1.58	0.2	<0.02	<10	420	0.14	0.25	0.26	0.26	63.5	18.2	177	2.18
96872		0.70	<0.01	0.04	<0.1	<0.02	<10	30	<0.05	0.01	>25.0	0.01	1.47	2.4	2	<0.05
96873		4.19	0.09	1.68	<0.1	<0.02	<10	510	0.17	0.14	1.27	0.29	66.5	17.6	150	2.33
96874		4.67	0.10	1.77	<0.1	<0.02	<10	340	0.11	0.20	0.28	0.37	65.9	18.4	172	2.62
96875		4.75	0.06	2.08	0.1	<0.02	<10	280	0.22	0.16	0.67	0.10	70.9	20.2	205	2.83
96876		4.33	0.05	1.86	<0.1	<0.02	<10	350	0.11	0.10	0.54	0.04	66.4	17.6	178	2.79
96877		4.69	0.06	2.35	<0.1	<0.02	<10	650	0.15	0.14	0.44	0.04	64.3	22.6	178	3.61
96878		4.55	0.07	2.37	<0.1	<0.02	<10	420	0.12	0.26	0.18	0.11	43.5	21.4	167	3.50
96879		4.59	0.06	2.32	0.4	<0.02	<10	360	0.21	0.21	0.25	0.05	45.6	20.4	176	3.70
96880		4.00	0.07	2.20	<0.1	<0.02	<10	480	0.28	0.20	0.52	0.04	81.6	20.3	206	3.25
96881		4.43	0.06	2.95	<0.1	<0.02	<10	520	0.36	0.28	0.19	0.05	56.8	23.4	208	4.31
96882		3.57	0.07	2.63	<0.1	<0.02	<10	310	0.16	0.21	0.14	0.03	43.5	23.1	159	3.77
96883		5.23	0.05	2.98	2.0	<0.02	<10	390	0.21	0.23	0.17	0.05	56.4	24.8	177	3.86
96884		3.14	0.13	2.61	0.3	<0.02	<10	290	0.19	0.27	0.20	0.15	38.9	23.9	191	4.92
96885		3.23	0.18	2.66	0.1	<0.02	<10	270	0.16	0.98	0.18	0.27	47.1	33.1	197	4.86
96886		2.48	0.08	3.20	0.3	<0.02	<10	490	0.19	0.31	0.23	0.07	51.1	28.3	222	5.60
96887		2.94	0.16	2.57	0.2	<0.02	<10	280	0.15	0.25	0.16	0.05	45.4	28.2	176	3.84
96888		1.70	0.38	1.43	0.5	<0.02	<10	110	0.17	0.70	0.74	3.10	43.0	32.4	60	1.03
96889		3.19	0.30	0.81	0.3	<0.02	<10	120	0.08	0.87	0.28	8.09	55.0	34.5	130	1.03
96890		2.41	0.24	1.46	0.2	<0.02	<10	110	0.10	0.33	0.39	3.01	42.4	24.8	105	3.96



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 28-JAN-2023  
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Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365148**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
96851		53.4	5.77	11.25	0.21	0.03	<0.01	0.015	4.04	0.4	46.1	6.63	555	0.24	0.05	<0.05
96852		15.2	0.18	0.25	<0.05	0.03	<0.01	<0.005	0.03	1.1	0.9	0.94	88	0.08	0.02	0.34
96853		22.5	6.02	13.40	0.27	0.61	<0.01	0.047	2.44	27.8	30.6	4.55	807	0.35	0.17	0.05
96854		5.9	3.64	9.76	0.14	0.05	0.01	0.007	2.78	1.6	44.6	4.72	357	5.68	0.03	<0.05
96855		2.5	2.99	8.05	0.16	0.42	<0.01	0.010	1.59	22.2	30.7	3.27	364	0.89	0.08	0.07
96856		33.1	3.99	8.22	0.24	0.46	<0.01	0.023	1.04	33.8	31.5	2.43	634	1.09	0.17	0.08
96857		30.8	3.65	8.09	0.18	0.21	<0.01	0.019	1.43	21.4	37.7	2.55	600	5.69	0.07	<0.05
96858		55.9	3.97	8.54	0.22	0.23	<0.01	0.019	1.64	32.8	35.9	2.65	586	0.30	0.07	0.05
96859		141.5	2.72	5.35	0.16	0.38	0.01	0.030	0.13	41.8	11.1	1.12	270	20.9	0.07	0.19
96860		65.8	2.29	4.15	0.11	0.57	<0.01	0.011	0.58	31.0	4.6	0.77	161	2.12	0.09	0.24
96861		59.4	2.28	4.66	0.12	0.44	<0.01	0.010	0.61	31.5	4.6	0.72	178	2.40	0.08	0.25
96862		59.5	2.31	4.70	0.10	0.46	<0.01	0.012	0.61	30.3	4.6	0.73	186	2.15	0.10	0.21
96863		47.5	2.85	7.59	0.12	0.34	<0.01	0.020	1.25	27.3	10.4	1.30	355	1.61	0.08	0.21
96864		63.3	2.55	6.42	0.10	0.37	0.01	0.016	0.99	26.8	10.0	1.15	286	1.39	0.08	0.22
96865		53.5	2.55	6.42	0.12	0.39	<0.01	0.015	0.96	29.1	9.0	1.07	279	1.76	0.08	0.22
96866		111.5	2.56	5.51	0.10	0.77	<0.01	0.011	0.63	31.5	5.2	0.76	205	1.49	0.09	0.32
96867		60.7	2.95	6.16	0.17	0.27	<0.01	0.033	0.64	25.3	12.3	1.57	407	0.60	0.08	0.11
96868		65.2	3.04	6.18	0.15	0.27	<0.01	0.022	0.89	24.1	13.7	1.58	387	0.69	0.05	0.17
96869		53.8	2.85	7.02	0.10	0.59	<0.01	0.018	0.93	32.9	8.9	1.06	297	1.67	0.10	0.24
96870		67.2	3.28	8.19	0.13	0.42	<0.01	0.031	1.28	31.3	12.5	1.38	435	1.73	0.07	0.18
96871		50.7	3.47	9.10	0.21	0.44	<0.01	0.031	1.29	32.7	13.3	1.39	452	2.29	0.09	0.20
96872		4.3	0.14	0.15	<0.05	<0.02	0.01	0.010	0.02	1.4	0.4	0.56	131	0.18	0.01	<0.05
96873		44.9	3.45	9.69	0.22	0.39	<0.01	0.033	1.28	34.5	15.2	1.41	580	2.38	0.08	0.19
96874		42.9	3.46	10.40	0.21	0.33	<0.01	0.034	1.37	34.5	18.1	1.42	456	1.83	0.06	0.27
96875		45.0	3.61	11.30	0.24	0.28	<0.01	0.033	1.49	35.3	21.7	1.69	452	1.82	0.07	0.22
96876		49.6	3.38	9.17	0.22	0.27	<0.01	0.024	1.40	33.5	19.5	1.54	445	1.34	0.05	0.15
96877		52.4	4.04	12.00	0.23	0.33	0.01	0.036	1.76	32.1	23.1	1.80	494	1.74	0.07	0.17
96878		49.5	3.85	12.70	0.19	0.36	<0.01	0.031	1.77	21.7	23.1	1.60	476	1.70	0.05	0.23
96879		49.9	3.59	11.75	0.19	0.26	<0.01	0.038	1.61	22.7	18.3	1.74	354	1.90	0.06	0.20
96880		55.4	3.44	10.85	0.25	0.32	<0.01	0.033	1.51	41.0	17.4	1.89	372	1.13	0.06	0.21
96881		61.2	4.22	13.95	0.24	0.34	<0.01	0.039	2.08	28.5	23.5	2.10	458	2.28	0.09	0.23
96882		59.4	3.99	12.45	0.18	0.26	<0.01	0.035	1.71	22.0	18.9	1.79	344	3.15	0.06	0.20
96883		40.8	4.46	12.40	0.20	0.30	<0.01	0.045	1.63	27.3	18.6	2.05	391	2.68	0.07	0.19
96884		70.6	4.29	13.05	0.20	0.32	<0.01	0.058	1.88	19.6	19.2	2.02	435	2.37	0.07	0.14
96885		119.5	4.99	15.40	0.26	0.34	<0.01	0.086	1.91	23.3	20.4	1.83	436	6.14	0.09	0.24
96886		65.0	5.01	15.55	0.30	0.23	<0.01	0.072	2.41	24.8	28.6	2.39	612	9.61	0.06	0.20
96887		82.6	4.77	13.45	0.22	0.34	<0.01	0.054	1.92	22.4	21.5	1.92	579	4.86	0.07	0.17
96888		279	4.21	7.70	0.25	0.51	<0.01	0.505	0.45	21.5	6.8	0.59	273	50.5	0.12	0.11
96889		327	3.27	7.02	0.26	0.40	0.01	1.905	0.54	27.7	8.1	0.70	390	7.89	0.08	0.21
96890		410	4.40	6.41	0.28	0.19	0.01	0.481	1.20	21.6	15.3	1.30	486	4.26	0.08	0.16



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
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Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365148**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
96851		350	140	7.5	143.5	0.001	0.66	<0.05	5.6	0.5	0.3	41.6	<0.01	0.10	<0.2	0.225
96852		2.2	60	2.0	1.6	<0.001	0.04	0.09	0.5	0.9	<0.2	73.7	<0.01	<0.01	0.2	<0.005
96853		100.5	1330	2.7	185.5	<0.001	0.25	<0.05	20.4	0.3	1.1	519	<0.01	0.03	4.0	0.305
96854		518	110	1.6	104.0	0.004	0.02	<0.05	3.3	0.2	0.3	44.0	<0.01	0.02	0.2	0.173
96855		336	940	3.9	67.5	<0.001	0.01	<0.05	4.1	<0.2	0.4	60.4	<0.01	<0.01	3.1	0.188
96856		69.1	1540	42.4	46.2	<0.001	0.12	<0.05	11.0	0.2	0.7	134.0	<0.01	0.02	4.8	0.282
96857		107.0	1500	7.3	68.3	0.003	0.11	<0.05	7.2	0.5	0.5	146.0	<0.01	0.02	3.2	0.267
96858		103.0	2160	6.4	82.2	<0.001	0.26	<0.05	7.4	0.4	0.5	186.0	<0.01	0.03	4.6	0.281
96859		103.5	1650	20.5	6.1	0.010	0.83	<0.05	2.6	0.8	0.7	59.0	<0.01	0.04	6.4	0.180
96860		61.3	530	2.6	21.2	0.001	0.60	<0.05	2.0	0.7	0.3	14.6	<0.01	0.05	9.0	0.164
96861		58.4	630	10.3	26.6	0.001	0.47	<0.05	2.1	0.5	0.3	14.2	<0.01	0.05	7.5	0.166
96862		57.9	610	9.8	26.8	0.001	0.47	<0.05	2.1	0.4	0.3	14.3	<0.01	0.06	7.5	0.167
96863		65.4	550	22.7	51.5	0.001	0.25	<0.05	6.0	0.5	0.6	11.5	<0.01	0.05	6.6	0.239
96864		57.8	620	13.4	47.5	<0.001	0.26	<0.05	4.5	0.3	0.5	17.0	<0.01	0.02	6.2	0.218
96865		57.7	600	13.0	46.8	0.001	0.28	<0.05	4.9	0.3	0.5	16.5	<0.01	0.04	6.5	0.217
96866		72.4	520	5.7	37.4	0.001	0.50	<0.05	2.5	0.6	0.6	14.2	<0.01	0.06	9.4	0.216
96867		46.4	1470	10.9	33.9	<0.001	0.31	<0.05	6.4	0.4	0.7	67.6	<0.01	0.03	3.7	0.217
96868		41.2	1370	4.1	50.7	<0.001	0.37	<0.05	4.6	0.4	0.6	65.8	<0.01	0.03	3.5	0.225
96869		68.8	670	7.0	48.5	0.001	0.34	<0.05	5.4	0.4	0.5	23.5	<0.01	0.04	7.4	0.236
96870		72.4	780	10.0	51.6	0.001	0.33	<0.05	10.1	0.3	0.7	14.6	0.01	0.04	6.8	0.259
96871		68.5	550	12.8	47.6	0.001	0.39	0.06	9.9	0.3	0.7	11.2	0.01	0.05	9.5	0.246
96872		3.6	80	0.5	0.5	<0.001	0.01	<0.05	0.5	1.2	<0.2	77.2	<0.01	<0.01	<0.2	<0.005
96873		62.1	630	21.1	51.5	0.002	0.26	<0.05	10.8	<0.2	0.7	115.5	<0.01	0.04	7.6	0.251
96874		73.2	520	29.9	62.9	0.001	0.32	<0.05	12.0	<0.2	0.8	10.7	0.01	0.04	8.1	0.259
96875		81.9	1380	7.1	81.9	0.001	0.22	<0.05	12.0	0.5	0.8	30.4	0.01	0.04	7.3	0.273
96876		55.6	1140	3.3	72.9	0.001	0.22	<0.05	9.2	0.3	0.6	19.2	<0.01	0.01	6.5	0.250
96877		79.7	840	3.1	80.9	0.001	0.22	<0.05	14.8	<0.2	0.8	16.3	<0.01	0.02	6.7	0.304
96878		86.7	530	3.3	80.2	0.001	0.23	<0.05	13.2	0.2	0.8	4.5	<0.01	0.04	6.3	0.281
96879		88.6	550	3.3	77.7	<0.001	0.23	<0.05	12.1	0.3	0.9	11.1	<0.01	0.03	5.5	0.194
96880		96.3	920	3.5	64.8	0.001	0.25	<0.05	10.9	<0.2	1.0	23.6	<0.01	0.03	8.8	0.201
96881		107.5	640	3.5	97.3	0.001	0.21	<0.05	14.7	0.2	1.5	17.5	0.01	0.05	7.2	0.272
96882		97.4	530	2.6	91.1	0.002	0.23	<0.05	12.8	0.2	0.9	5.3	<0.01	0.03	5.4	0.227
96883		114.0	540	2.9	82.7	0.001	0.17	<0.05	16.7	0.4	1.0	6.9	<0.01	0.02	6.5	0.229
96884		101.5	640	2.4	89.0	0.001	0.71	<0.05	17.0	0.3	1.0	5.7	<0.01	0.05	4.9	0.219
96885		130.5	570	3.3	95.8	0.004	0.97	<0.05	22.0	1.1	1.3	8.1	<0.01	0.14	5.7	0.274
96886		118.0	730	3.6	117.5	0.003	0.50	<0.05	22.2	0.5	1.4	6.5	<0.01	0.08	5.5	0.326
96887		124.0	520	4.3	99.6	0.002	1.10	<0.05	15.6	0.7	1.8	5.0	<0.01	0.14	5.4	0.263
96888		103.5	420	12.0	23.9	0.011	2.51	<0.05	12.1	2.9	2.9	37.9	<0.01	0.20	4.6	0.087
96889		118.5	540	16.8	29.5	0.006	1.76	<0.05	10.9	3.3	4.5	9.2	<0.01	0.15	6.4	0.142
96890		86.4	800	4.1	55.8	0.004	1.47	<0.05	11.0	1.5	2.0	10.0	<0.01	0.09	3.3	0.308



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 OAKVILLE ON L6J 7J9

Page: 2 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 28-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365148**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	CRU-QC	PUL-QC
		TI	U	V	W	Y	Zn	Zr	Pass2mm	Pass75um
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.02	0.05	1	0.05	0.05	2	0.5	0.01	0.01
96851		1.12	<0.05	136	0.06	2.32	67	0.6	82.5	90.2
96852		0.03	0.57	1	<0.05	3.35	4	0.5		
96853		1.75	0.95	185	0.15	15.50	73	14.6		
96854		0.91	0.08	80	<0.05	1.66	49	1.2		93.3
96855		0.60	0.66	69	0.05	6.60	55	19.4		
96856		0.46	0.92	105	0.09	12.15	105	19.6		
96857		0.67	0.63	97	0.09	9.10	86	6.5		
96858		0.81	0.83	97	0.08	11.95	69	8.1		
96859		0.08	1.26	50	0.12	8.50	768	16.4		97.3
96860		0.20	2.01	52	0.07	6.15	45	20.6		97.8
96861		0.26	2.05	48	0.07	5.87	73	14.9		
96862		0.27	2.11	48	0.07	5.90	96	16.6		
96863		0.41	1.78	71	0.05	8.34	83	12.4		
96864		0.36	1.56	61	0.09	7.30	62	12.8		
96865		0.35	1.69	61	0.06	8.00	59	13.3		
96866		0.30	2.00	59	0.08	9.09	53	29.2		
96867		0.25	0.64	77	0.08	8.15	83	9.9		98.6
96868		0.36	0.54	68	0.06	8.57	64	8.2		95.9
96869		0.39	1.91	72	0.06	9.05	63	22.5		
96870		0.40	1.76	81	0.09	10.80	78	16.0		
96871		0.34	2.50	80	0.09	10.40	94	16.8		
96872		<0.02	0.12	1	<0.05	2.68	3	<0.5		
96873		0.38	1.90	84	0.12	11.75	88	14.6		
96874		0.46	1.96	88	0.37	11.55	91	12.3		
96875		0.55	1.90	95	0.36	13.60	73	10.8		
96876		0.54	1.57	85	0.15	10.40	67	10.1		
96877		0.58	1.61	112	0.19	11.50	78	14.0		
96878		0.50	1.70	93	0.18	6.78	80	13.7		
96879		0.47	1.65	85	0.09	6.29	90	10.2		
96880		0.41	2.32	87	0.09	12.35	83	13.9		
96881		0.58	1.74	112	0.14	8.75	103	13.7		
96882		0.56	1.46	94	0.12	5.51	53	10.2		
96883		0.58	1.61	114	0.09	6.39	56	10.7		
96884		0.71	1.35	115	0.07	5.94	118	13.0		
96885		0.90	1.59	133	0.11	6.82	177	14.1		
96886		1.59	1.59	148	0.13	8.77	191	9.4		
96887		1.82	1.43	113	0.13	5.73	158	13.5		
96888		0.50	0.98	55	0.39	6.94	981	18.4		
96889		0.77	1.32	69	0.13	9.52	4040	14.4		96.4
96890		1.64	0.48	104	0.06	9.70	1385	6.7	82.3	94.8



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Page: 3 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 28-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365148**

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	ME-MS41 Ag ppm	ME-MS41 Al %	ME-MS41 As ppm	ME-MS41 Au ppm	ME-MS41 B ppm	ME-MS41 Ba ppm	ME-MS41 Be ppm	ME-MS41 Bi ppm	ME-MS41 Ca %	ME-MS41 Cd ppm	ME-MS41 Ce ppm	ME-MS41 Co ppm	ME-MS41 Cr ppm	ME-MS41 Cs ppm
		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
96891		1.39	0.48	0.47	0.5	<0.02	<10	80	0.09	0.71	0.46	7.31	55.0	54.8	69	0.74
96892		1.37	0.57	0.36	0.4	<0.02	<10	60	0.08	0.79	0.50	11.45	56.8	57.3	91	0.47
96893		2.04	0.23	0.78	0.8	<0.02	<10	220	0.14	0.39	0.67	0.32	69.5	32.6	176	1.16
96894		2.59	0.35	0.49	0.5	<0.02	<10	120	0.07	0.49	0.48	4.60	38.9	37.7	61	0.63
96895		<0.02	0.34	0.53	<0.1	<0.02	<10	130	0.07	0.43	0.49	4.17	37.8	36.6	67	0.66
96896		2.30	0.24	1.29	<0.1	<0.02	<10	190	0.15	0.29	0.51	3.34	40.7	32.3	138	2.15
96897		2.06	0.15	1.88	0.3	<0.02	<10	370	0.23	0.22	0.46	0.04	45.5	36.7	446	3.07
96898		3.21	0.19	1.61	0.3	<0.02	<10	290	0.16	0.29	0.36	1.55	40.5	23.5	53	2.94
96899		3.59	0.84	0.51	0.8	<0.02	<10	40	0.17	0.88	1.04	15.15	31.7	91.4	122	0.30
96900		3.40	0.49	0.80	0.7	<0.02	<10	30	0.41	1.09	2.19	0.41	5.76	96.7	533	0.21

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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Page: 3 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 28-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365148**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
96891		755	5.05	2.76	0.29	0.38	<0.01	1.270	0.22	29.1	4.7	0.30	160	6.07	0.09	0.71
96892		914	5.05	2.34	0.32	0.37	<0.01	2.00	0.13	29.5	3.7	0.24	145	7.99	0.08	1.05
96893		272	3.55	3.93	0.26	0.42	<0.01	0.061	0.51	35.4	8.5	0.80	200	3.60	0.08	0.24
96894		463	3.88	2.64	0.23	0.21	<0.01	0.619	0.30	19.5	4.6	0.40	172	4.33	0.07	0.53
96895		470	4.11	2.62	0.24	0.19	<0.01	0.568	0.34	19.3	5.1	0.44	191	4.92	0.07	0.44
96896		309	4.20	5.97	0.25	0.22	<0.01	0.350	0.91	19.9	13.5	1.24	374	2.42	0.08	0.17
96897		182.5	4.17	8.75	0.30	0.29	<0.01	0.064	1.28	22.7	23.6	1.98	404	5.60	0.08	0.16
96898		215	4.35	8.93	0.27	0.32	<0.01	0.276	1.30	20.9	14.2	1.59	497	5.31	0.09	0.14
96899		1195	7.55	2.96	0.32	0.27	0.02	1.935	0.08	15.5	4.7	0.43	427	9.25	0.08	0.45
96900		866	6.37	3.20	0.29	0.07	0.01	0.097	0.03	2.8	4.1	0.62	1000	1.36	0.15	0.17

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*





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 OAKVILLE ON L6J 7J9

Page: 3 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 28-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS	SD22365148
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Sample Description	Method Analyte Units LOD	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2	ME-MS41 Ti % 0.005
96891		197.5	820	9.8	10.8	0.004	2.84	<0.05	3.1	3.0	6.1	27.0	<0.01	0.18	7.7	0.189
96892		205	880	9.9	6.4	0.006	2.94	<0.05	2.5	3.2	6.7	24.0	<0.01	0.19	6.5	0.187
96893		109.5	1340	7.1	25.5	0.003	1.40	<0.05	2.8	1.4	1.6	29.7	<0.01	0.10	6.3	0.196
96894		139.0	840	9.9	14.1	0.004	1.91	<0.05	3.4	2.2	3.0	17.9	<0.01	0.16	3.0	0.223
96895		141.5	880	9.0	15.0	0.003	1.90	<0.05	3.4	2.2	2.8	16.8	<0.01	0.17	2.9	0.223
96896		132.5	960	7.6	44.2	0.002	1.39	<0.05	5.9	1.5	1.3	18.7	<0.01	0.09	2.8	0.247
96897		261	950	10.1	63.8	0.003	0.87	<0.05	13.3	0.7	1.5	21.4	<0.01	0.08	3.1	0.292
96898		57.7	810	7.8	60.6	0.003	1.20	<0.05	13.7	1.5	2.6	16.0	<0.01	0.12	2.6	0.295
96899		590	550	18.0	3.4	0.006	4.35	<0.05	3.5	6.6	2.8	17.8	<0.01	0.30	2.1	0.110
96900		1035	500	7.0	0.5	0.002	2.58	<0.05	5.3	2.6	1.4	46.2	<0.01	0.27	0.3	0.091

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Page: 3 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 28-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365148**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	CRU-QC	PUL-QC
		Tl	U	V	W	Y	Zn	Zr	Pass2mm	Pass75um
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.02	0.05	1	0.05	0.05	2	0.5	0.01	0.01
96891		0.26	1.07	31	0.17	8.95	3090	12.4		
96892		0.16	1.05	26	0.18	9.75	4670	13.4		
96893		0.49	1.13	46	0.16	8.65	184	18.0		
96894		0.31	0.47	39	0.09	10.95	1555	6.4		
96895		0.30	0.45	41	0.14	10.10	1510	6.1		
96896		0.93	0.40	74	0.09	9.16	1080	7.8		
96897		1.47	0.55	94	0.09	9.43	370	11.7		
96898		1.67	0.30	107	0.09	9.97	857	11.6		
96899		0.13	0.26	33	0.31	9.58	7810	8.8		
96900		0.04	0.11	46	0.19	4.61	296	1.4		

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 OAKVILLE ON L6J 7J9

Page: Appendix 1  
 Total # Appendix Pages: 1  
 Finalized Date: 28-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365148**

	<b>CERTIFICATE COMMENTS</b>															
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).            ME-MS41</p>															
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-22</td> <td style="width: 15%;"></td> <td style="width: 15%;">LOG-22d</td> </tr> <tr> <td>PUL-31</td> <td>PUL-31d</td> <td>PUL-QC</td> <td></td> <td>SPL-21</td> </tr> <tr> <td>SPL-21d</td> <td>WEI-21</td> <td></td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-22		LOG-22d	PUL-31	PUL-31d	PUL-QC		SPL-21	SPL-21d	WEI-21			
CRU-31	CRU-QC	LOG-22		LOG-22d												
PUL-31	PUL-31d	PUL-QC		SPL-21												
SPL-21d	WEI-21															
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.            ME-MS41</p>															



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Page: 1  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 29-JAN-2023  
 This copy reported on  
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 Account: MINMAN

**SD22365149**

Project: LAL-VIC 2022 DDH  
 P.O. No.: BATCH 10  
 This report is for 50 samples of 1/2 Core submitted to our lab in Sudbury, ON,  
 Canada on 19-DEC-2022.

The following have access to data associated with this certificate:

SAHIL ALURKAR  
 FRANCIS NEWTON

FRANCIS NEWTON  
 BRIAN NEWTON

BRIAN NEWTON  
 ACCESS WEBTRIEVE

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

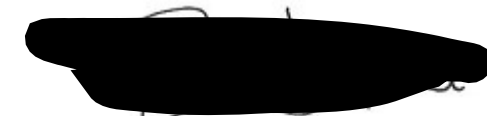
**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG46	Ore Grade Zn - Aqua Regia	
ME-MS41	Ultra Trace Aqua Regia ICP-MS	
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**



Saa Traxler, Director, North Vancouver Operations



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Page: 2 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 29-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365149**

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Units		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
LOD		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
96901		1.86	1.01	0.63	0.7	<0.02	<10	20	0.23	3.15	0.52	47.3	50.9	142.5	233	0.72
96902		0.65	0.01	0.02	0.4	<0.02	<10	10	<0.05	0.02	>25.0	0.11	1.04	1.6	2	<0.05
96903		2.83	0.06	2.55	0.3	<0.02	<10	200	0.20	0.22	0.51	0.06	23.1	53.8	907	5.75
96904		4.85	0.03	2.44	0.3	<0.02	<10	260	0.18	0.15	0.26	0.02	3.07	48.4	953	8.63
96905		5.01	0.03	2.54	1.4	<0.02	<10	430	0.22	0.20	0.38	0.03	17.05	43.1	999	10.55
96906		4.75	0.01	2.41	2.8	<0.02	<10	560	0.29	0.14	0.69	0.03	23.7	37.5	799	8.72
96907		4.39	0.03	2.67	1.9	<0.02	<10	630	0.34	0.16	0.58	0.03	24.6	39.2	711	9.96
96908		4.93	0.06	2.98	1.5	<0.02	<10	620	0.34	0.21	0.31	0.03	17.20	49.1	1150	14.05
96909		2.72	0.04	1.90	<0.1	<0.02	<10	460	0.64	0.16	1.99	0.11	25.6	25.3	351	10.10
96910		4.12	0.13	2.24	<0.1	<0.02	<10	110	0.10	0.38	0.18	0.04	6.61	66.5	1125	3.27
96911		5.07	0.05	2.41	0.4	<0.02	<10	<10	<0.05	0.26	0.55	0.02	2.42	75.8	1280	0.44
96912		Not Recvd														
96913		4.91	0.02	2.27	<0.1	<0.02	<10	<10	<0.05	0.28	1.90	0.03	1.40	70.9	1455	0.53
96914		2.43	0.03	2.04	0.1	<0.02	<10	10	<0.05	0.31	2.64	0.07	1.40	71.9	1355	0.50
96915		2.50	0.04	2.45	0.1	<0.02	<10	10	<0.05	0.30	2.52	0.07	1.24	74.1	1540	0.47
96916		4.76	0.02	1.76	1.0	<0.02	<10	<10	<0.05	0.34	2.89	0.05	1.44	53.7	1260	0.39
96917		4.81	0.02	1.41	1.5	<0.02	<10	<10	<0.05	0.33	3.15	0.04	1.31	40.9	1010	0.36
96918		4.87	0.02	1.51	0.6	<0.02	<10	<10	<0.05	0.58	2.99	0.05	1.44	46.9	1110	0.35
96919		5.00	0.03	1.98	0.1	<0.02	<10	<10	<0.05	0.31	1.40	0.05	0.87	61.1	1365	0.51
96920		4.64	0.02	1.13	0.3	<0.02	<10	10	<0.05	0.45	3.96	0.06	2.16	45.6	808	0.28
96921		4.41	0.04	2.18	0.5	<0.02	<10	<10	<0.05	0.34	0.93	0.07	0.77	63.0	1570	0.40
96922		0.58	<0.01	0.05	0.5	<0.02	<10	10	<0.05	0.01	>25.0	0.01	0.92	1.8	16	<0.05
96923		3.58	0.02	1.56	0.4	<0.02	<10	<10	<0.05	0.37	2.76	0.05	1.30	48.2	1260	0.31
96924		5.26	0.02	1.58	0.5	<0.02	<10	<10	<0.05	0.29	2.70	0.06	1.17	49.5	1165	0.34
96925		5.09	0.02	1.61	0.4	<0.02	<10	<10	<0.05	0.48	2.47	0.06	1.08	48.9	1315	0.40
96926		3.42	0.03	1.72	0.1	<0.02	<10	<10	<0.05	0.22	2.33	0.05	1.66	48.0	1295	0.35
96927		3.28	0.01	2.15	0.1	<0.02	<10	10	<0.05	0.14	1.81	0.03	1.26	51.1	1565	0.44
96928		3.06	0.01	1.75	0.2	<0.02	<10	10	<0.05	0.31	3.27	0.04	1.58	56.8	1305	0.38
96929		4.90	0.01	2.11	0.5	<0.02	<10	<10	<0.05	0.33	2.50	0.05	1.13	52.6	1525	0.29
96930		5.54	0.01	2.15	0.3	<0.02	<10	<10	<0.05	0.16	1.73	0.04	3.99	52.0	1245	0.29
96931		4.92	<0.01	1.90	0.5	<0.02	<10	<10	<0.05	0.19	3.16	0.05	1.40	52.2	1350	0.25
96932		4.64	0.01	2.07	0.3	<0.02	<10	<10	<0.05	0.17	1.54	0.04	0.85	60.5	1490	0.27
96933		4.63	0.02	3.50	0.2	<0.02	<10	530	0.10	0.05	0.47	0.01	0.45	58.8	1675	9.05
96934		4.83	0.03	3.32	0.1	<0.02	<10	1260	0.17	0.05	0.64	0.02	10.45	48.3	1115	13.70
96935		4.99	0.03	3.05	0.1	<0.02	<10	360	0.07	0.11	0.43	0.02	8.48	57.1	1170	6.38
96936		4.87	0.04	2.30	0.4	<0.02	<10	620	0.16	0.04	0.75	0.02	29.3	33.4	648	6.09
96937		4.77	0.02	2.93	0.4	<0.02	<10	860	0.13	0.03	0.48	0.01	4.44	44.3	1095	12.00
96938		4.75	0.03	3.47	0.1	<0.02	<10	540	0.07	0.09	0.30	0.01	9.10	54.8	1320	8.50
96939		4.57	0.02	2.83	0.2	<0.02	<10	20	<0.05	0.07	0.14	0.01	0.44	54.7	1380	1.30
96940		5.06	0.02	2.85	0.3	<0.02	<10	110	<0.05	0.06	0.19	0.01	0.81	53.3	1375	2.86



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 29-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365149**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
96901		936	7.40	4.16	0.31	0.38	0.06	5.67	0.11	22.3	4.2	0.70	297	16.05	0.07	0.21
96902		5.8	0.11	0.06	<0.05	<0.02	<0.01	0.014	<0.01	1.2	0.3	0.89	89	0.16	0.01	<0.05
96903		44.7	4.07	9.00	0.22	0.10	<0.01	0.016	1.04	10.7	25.3	4.13	371	5.02	0.04	<0.05
96904		41.8	3.42	8.34	0.17	0.03	0.01	0.006	1.84	1.4	33.6	3.92	264	3.57	0.03	<0.05
96905		42.5	3.33	8.69	0.18	0.07	0.01	0.009	2.20	8.2	41.7	3.98	265	2.43	0.05	<0.05
96906		0.9	3.15	9.46	0.17	0.11	<0.01	0.014	1.92	11.5	47.7	3.65	316	0.59	0.09	<0.05
96907		1.1	3.46	9.29	0.18	0.13	0.01	0.014	1.88	12.3	52.6	4.03	345	0.16	0.08	<0.05
96908		32.9	3.90	10.00	0.19	0.08	<0.01	0.010	2.60	8.3	50.7	5.23	309	0.15	0.04	<0.05
96909		4.0	3.38	7.49	0.20	0.21	<0.01	0.026	1.04	12.7	20.6	2.83	476	0.16	0.17	<0.05
96910		75.5	3.30	6.87	0.15	0.03	<0.01	0.012	0.42	3.1	11.9	4.30	222	0.15	0.01	<0.05
96911		90.8	4.30	6.08	0.16	0.02	<0.01	0.015	0.01	1.0	2.7	5.12	242	0.15	0.01	<0.05
96912																
96913		61.3	4.35	5.39	0.16	<0.02	0.01	0.016	<0.01	0.6	3.1	5.38	464	0.10	0.01	<0.05
96914		93.2	4.14	5.08	0.15	<0.02	<0.01	0.016	<0.01	0.6	3.2	5.17	563	0.12	0.01	<0.05
96915		103.5	4.66	5.65	0.15	<0.02	<0.01	0.018	<0.01	0.6	3.3	5.88	566	0.09	0.01	<0.05
96916		31.0	3.77	4.50	0.15	<0.02	<0.01	0.014	<0.01	0.6	1.5	5.60	602	0.08	0.01	<0.05
96917		13.0	3.41	3.62	0.12	<0.02	<0.01	0.011	<0.01	0.6	1.3	5.16	653	0.06	0.01	<0.05
96918		24.2	3.45	4.04	0.13	<0.02	0.01	0.012	<0.01	0.6	1.3	5.13	630	0.16	0.01	<0.05
96919		87.0	3.62	5.10	0.13	<0.02	<0.01	0.017	<0.01	0.3	1.6	5.17	353	0.19	0.01	<0.05
96920		27.9	2.84	3.18	0.10	<0.02	<0.01	0.010	<0.01	0.9	1.1	4.78	684	0.07	0.01	<0.05
96921		134.5	3.90	5.71	0.16	<0.02	<0.01	0.019	<0.01	0.3	1.5	5.37	261	0.09	0.01	<0.05
96922		4.6	0.11	0.11	<0.05	<0.02	<0.01	<0.005	0.01	1.2	0.4	1.11	103	<0.05	0.01	<0.05
96923		25.3	3.18	4.22	0.14	<0.02	<0.01	0.012	<0.01	0.5	1.3	4.99	543	0.08	0.01	<0.05
96924		27.1	3.54	4.19	0.13	<0.02	<0.01	0.013	<0.01	0.5	1.5	5.22	565	0.10	0.01	<0.05
96925		35.7	3.54	4.39	0.13	<0.02	<0.01	0.013	<0.01	0.4	1.6	5.09	531	0.12	0.01	<0.05
96926		66.1	3.32	4.55	0.11	<0.02	<0.01	0.013	<0.01	0.7	1.6	4.85	465	0.11	0.01	<0.05
96927		54.9	3.75	5.60	0.13	<0.02	<0.01	0.017	<0.01	0.5	3.7	4.86	415	0.09	0.01	<0.05
96928		41.9	3.59	4.43	0.12	<0.02	<0.01	0.013	<0.01	0.7	2.3	5.45	739	0.17	0.01	<0.05
96929		45.2	3.97	5.15	0.14	<0.02	<0.01	0.014	<0.01	0.5	2.0	5.80	518	0.07	<0.01	<0.05
96930		43.3	3.67	5.01	0.13	0.02	<0.01	0.013	<0.01	1.8	1.8	5.54	373	0.05	<0.01	<0.05
96931		33.1	3.91	4.58	0.11	<0.02	<0.01	0.013	<0.01	0.5	1.5	6.03	592	0.05	<0.01	<0.05
96932		85.4	3.80	4.76	0.10	<0.02	<0.01	0.013	<0.01	0.4	1.3	5.16	383	0.06	0.01	<0.05
96933		40.9	5.13	6.94	0.11	<0.02	<0.01	0.009	2.00	0.2	30.9	6.07	440	0.05	0.02	<0.05
96934		46.1	4.12	7.61	0.13	0.07	<0.01	0.009	2.72	4.3	61.0	5.16	419	<0.05	0.04	<0.05
96935		97.6	3.84	6.84	0.09	0.04	<0.01	0.008	1.45	4.3	43.5	4.86	351	0.08	0.05	<0.05
96936		27.4	2.92	5.92	0.10	0.10	<0.01	0.008	1.54	15.6	43.8	3.59	305	0.08	0.10	<0.05
96937		2.5	3.54	6.70	0.11	0.05	<0.01	<0.005	2.59	2.4	62.7	4.67	357	0.05	0.08	<0.05
96938		45.3	4.17	7.60	0.11	0.02	<0.01	0.005	1.82	4.4	46.9	5.83	328	0.06	0.03	<0.05
96939		68.3	3.36	6.28	0.07	<0.02	<0.01	0.006	0.07	0.2	11.9	4.86	259	0.07	0.02	<0.05
96940		62.5	3.51	6.46	0.07	<0.02	<0.01	0.006	0.40	0.4	16.9	4.98	268	0.07	0.02	<0.05



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
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Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365149**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005	
96901	702	1170	45.4	5.3	0.008	4.73	0.07	5.7	11.7	2.9	19.7	<0.01	0.61	3.4	0.079	
96902	2.3	80	0.6	0.1	<0.001	0.01	<0.05	0.4	0.9	<0.2	79.7	<0.01	0.01	<0.2	<0.005	
96903	477	840	2.8	53.8	0.003	0.35	<0.05	2.5	0.4	0.5	15.2	<0.01	0.05	1.6	0.135	
96904	497	170	1.5	91.6	0.003	0.29	<0.05	2.1	0.4	0.2	5.3	<0.01	0.04	0.3	0.143	
96905	438	450	3.1	109.5	0.003	0.07	<0.05	2.9	0.2	0.2	12.3	<0.01	0.02	1.1	0.164	
96906	336	730	2.2	97.1	<0.001	<0.01	<0.05	3.7	<0.2	0.3	26.9	<0.01	0.02	1.5	0.156	
96907	313	610	5.7	96.4	<0.001	0.01	<0.05	4.4	<0.2	0.4	23.2	<0.01	0.01	1.9	0.185	
96908	539	540	2.5	133.0	0.001	0.07	<0.05	5.4	<0.2	0.2	13.4	<0.01	0.04	1.1	0.180	
96909	71.8	590	4.8	75.8	<0.001	0.06	<0.05	9.3	0.2	0.7	150.5	<0.01	0.01	2.7	0.151	
96910	976	120	9.2	23.3	<0.001	0.42	<0.05	4.6	0.4	<0.2	7.0	<0.01	0.10	0.7	0.061	
96911	921	310	0.6	0.7	<0.001	1.04	<0.05	6.2	0.5	<0.2	30.1	<0.01	0.10	0.2	0.022	
96912																
96913	858	150	0.8	0.4	<0.001	0.76	<0.05	5.2	0.5	<0.2	101.0	<0.01	0.08	<0.2	0.019	
96914	925	150	1.0	0.4	0.001	0.52	<0.05	6.5	0.5	<0.2	178.0	<0.01	0.08	<0.2	0.017	
96915	920	160	1.2	0.3	<0.001	0.59	<0.05	7.5	0.4	<0.2	141.0	<0.01	0.07	<0.2	0.018	
96916	777	70	1.4	0.3	<0.001	0.19	<0.05	6.6	0.2	<0.2	303	<0.01	0.08	<0.2	0.015	
96917	631	10	1.6	0.2	<0.001	0.09	<0.05	7.7	0.2	<0.2	370	<0.01	0.07	<0.2	0.012	
96918	714	20	1.6	0.2	<0.001	0.12	<0.05	6.7	0.2	<0.2	341	<0.01	0.07	<0.2	0.014	
96919	824	60	0.9	0.3	<0.001	0.26	<0.05	4.9	0.3	<0.2	132.5	<0.01	0.05	<0.2	0.016	
96920	731	20	2.5	0.2	<0.001	0.14	<0.05	3.6	0.3	<0.2	516	<0.01	0.07	<0.2	0.012	
96921	803	110	1.2	0.3	<0.001	0.23	<0.05	6.0	0.5	<0.2	70.0	<0.01	0.05	<0.2	0.015	
96922	8.2	70	0.3	0.5	<0.001	0.01	<0.05	0.5	0.9	<0.2	80.4	<0.01	0.01	<0.2	<0.005	
96923	695	50	2.8	0.2	<0.001	0.11	<0.05	6.5	0.2	<0.2	279	<0.01	0.06	<0.2	0.015	
96924	684	30	2.2	0.2	<0.001	0.10	<0.05	9.0	0.2	<0.2	313	<0.01	0.04	<0.2	0.012	
96925	675	10	1.8	0.3	<0.001	0.08	<0.05	7.1	0.2	<0.2	243	<0.01	0.04	<0.2	0.015	
96926	684	80	2.4	0.3	<0.001	0.18	<0.05	3.5	0.2	<0.2	186.5	<0.01	0.03	<0.2	0.019	
96927	643	100	1.2	0.3	<0.001	0.13	<0.05	3.7	0.3	<0.2	116.5	<0.01	0.02	<0.2	0.030	
96928	891	50	1.6	0.3	<0.001	0.25	<0.05	7.1	0.3	<0.2	285	<0.01	0.03	<0.2	0.018	
96929	714	70	2.2	0.2	<0.001	0.15	<0.05	5.7	0.3	<0.2	244	<0.01	0.04	<0.2	0.025	
96930	734	340	1.5	0.2	0.001	0.16	<0.05	4.8	0.3	<0.2	169.0	<0.01	0.03	0.3	0.021	
96931	702	90	2.1	0.2	<0.001	0.15	<0.05	5.8	0.3	<0.2	334	<0.01	0.04	<0.2	0.023	
96932	907	90	1.0	0.2	0.001	0.36	<0.05	3.0	0.4	<0.2	128.5	<0.01	0.04	<0.2	0.024	
96933	590	100	2.8	86.3	<0.001	0.05	<0.05	2.5	<0.2	<0.2	34.6	<0.01	0.02	<0.2	0.141	
96934	445	430	3.3	126.0	<0.001	0.05	<0.05	3.7	<0.2	<0.2	37.6	<0.01	0.01	0.5	0.173	
96935	554	340	5.6	61.1	<0.001	0.27	<0.05	2.4	0.5	<0.2	27.1	<0.01	0.05	0.5	0.123	
96936	284	950	2.3	63.1	<0.001	0.07	<0.05	3.2	<0.2	<0.2	43.2	<0.01	0.01	1.7	0.146	
96937	454	210	3.7	103.0	<0.001	0.02	<0.05	2.8	<0.2	<0.2	31.0	<0.01	0.01	0.4	0.162	
96938	582	370	6.3	72.0	<0.001	0.12	<0.05	3.6	0.3	<0.2	26.0	<0.01	0.03	0.6	0.132	
96939	654	100	1.1	3.5	<0.001	0.24	<0.05	1.3	0.4	<0.2	9.4	<0.01	0.03	<0.2	0.045	
96940	639	90	2.1	19.0	<0.001	0.19	<0.05	1.5	0.2	<0.2	19.3	<0.01	0.05	<0.2	0.064	



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Page: 2 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 29-JAN-2023  
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Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365149**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Zn-OG46	CRU-QC	PUL-QC
		TI	U	V	W	Y	Zn	Zr	Zn	Pass2mm	Pass75um
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
		0.02	0.05	1	0.05	0.05	2	0.5	0.001	0.01	0.01
96901		0.08	0.61	33	0.76	10.65	>10000	15.3	1.865	79.6	90.9
96902		<0.02	0.28	<1	<0.05	2.18	45	<0.5			
96903		0.46	0.34	71	0.11	2.61	122	4.8			
96904		0.75	0.09	63	<0.05	0.94	61	1.1			
96905		0.88	0.27	65	0.13	1.93	60	2.8			
96906		0.76	0.44	59	0.06	2.37	90	4.1			
96907		0.74	0.46	66	0.81	2.98	113	5.3			
96908		0.97	0.28	75	0.14	3.30	67	3.9			
96909		0.61	0.58	103	0.19	6.38	78	7.4			
96910		0.19	0.13	65	0.15	1.42	42	1.3			
96911		0.02	0.07	88	0.29	2.13	35	0.6			
96912											
96913		0.02	<0.05	91	0.47	3.23	30	<0.5			
96914		0.02	<0.05	90	0.25	3.89	28	<0.5			
96915		0.02	<0.05	110	0.17	3.41	32	<0.5			
96916		<0.02	<0.05	61	0.51	3.56	27	<0.5			
96917		<0.02	<0.05	49	0.25	3.99	24	<0.5			
96918		<0.02	<0.05	52	0.22	3.80	24	<0.5			
96919		<0.02	<0.05	84	0.19	2.38	27	<0.5			
96920		<0.02	<0.05	34	0.13	3.88	19	<0.5			
96921		<0.02	<0.05	106	0.44	2.45	27	<0.5			
96922		<0.02	0.07	1	<0.05	2.21	2	<0.5			
96923		<0.02	<0.05	58	0.47	4.36	21	<0.5			
96924		<0.02	<0.05	60	0.22	4.06	22	<0.5			
96925		<0.02	<0.05	64	0.10	3.46	22	<0.5			
96926		<0.02	<0.05	76	0.12	3.27	22	<0.5		78.3	
96927		<0.02	<0.05	91	0.10	2.59	28	<0.5			
96928		<0.02	<0.05	69	0.11	4.40	23	<0.5			
96929		<0.02	<0.05	90	0.20	2.98	30	<0.5			
96930		<0.02	0.09	77	0.24	3.73	29	<0.5			
96931		<0.02	<0.05	73	0.19	4.40	27	<0.5			
96932		<0.02	<0.05	81	0.27	2.11	27	<0.5			
96933		0.71	<0.05	115	0.17	1.26	38	<0.5			
96934		0.95	0.16	77	0.30	2.75	43	1.8			
96935		0.44	0.11	65	0.12	1.50	42	1.2			
96936		0.47	0.33	54	0.13	2.60	41	4.1			
96937		0.77	0.12	59	0.14	1.32	42	1.7			
96938		0.57	0.12	82	1.25	2.13	38	1.0			
96939		0.03	<0.05	60	0.37	0.69	29	<0.5			93.1
96940		0.13	<0.05	66	0.58	0.74	32	<0.5		85.4	93.5

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*





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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 3 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 29-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

<b>CERTIFICATE OF ANALYSIS SD22365149</b>
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Sample Description	WEI-21 Recvd Wt. kg	ME-MS41 Ag ppm	ME-MS41 Al %	ME-MS41 As ppm	ME-MS41 Au ppm	ME-MS41 B ppm	ME-MS41 Ba ppm	ME-MS41 Be ppm	ME-MS41 Bi ppm	ME-MS41 Ca %	ME-MS41 Cd ppm	ME-MS41 Ce ppm	ME-MS41 Co ppm	ME-MS41 Cr ppm	ME-MS41 Cs ppm
	Method Analyte Units LOD	0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
96941	2.55	0.01	2.71	<0.1	<0.02	<10	160	<0.05	0.05	0.60	0.01	6.17	49.6	1255	2.71
96942	2.51	0.01	3.00	0.3	<0.02	<10	130	<0.05	0.05	0.25	0.01	4.90	58.5	1415	2.48
96943	5.26	0.03	2.57	<0.1	<0.02	<10	210	0.05	0.10	0.80	0.02	3.65	49.3	1060	3.55
96944	5.38	0.01	3.07	<0.1	<0.02	<10	460	0.10	0.05	1.12	0.01	25.5	46.8	1080	10.40
96945	<0.02	0.01	2.99	<0.1	<0.02	<10	420	0.10	0.06	1.16	0.01	25.2	46.1	1075	9.11
96946	5.33	0.01	2.63	0.2	<0.02	<10	20	<0.05	0.07	0.65	0.02	0.77	54.4	1360	0.89
96947	4.70	0.02	2.68	0.6	<0.02	<10	20	<0.05	0.08	0.56	0.01	0.56	51.2	1440	1.06
96948	5.09	0.01	2.68	0.6	<0.02	<10	20	<0.05	0.07	0.82	0.02	1.09	53.8	1250	0.97
96949	4.79	0.01	3.22	0.4	<0.02	<10	330	0.06	0.08	0.38	0.02	10.05	56.0	1315	6.46
96950	4.58	0.01	2.70	0.7	<0.02	<10	10	<0.05	0.08	0.90	0.02	0.96	51.9	1330	0.81

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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Page: 3 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 29-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

<b>CERTIFICATE OF ANALYSIS SD22365149</b>
---

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
96941		64.2	3.39	6.19	0.09	0.02	<0.01	0.007	0.53	3.3	15.0	4.78	281	0.09	0.02	<0.05
96942		76.8	3.71	6.72	0.08	0.02	<0.01	0.008	0.44	2.4	15.0	5.23	264	0.13	0.01	<0.05
96943		61.9	3.13	6.02	0.08	0.02	<0.01	0.005	0.71	2.1	18.5	4.48	306	0.08	0.02	<0.05
96944		25.4	3.77	7.84	0.10	0.04	<0.01	0.005	1.67	12.8	31.7	5.49	399	0.06	0.03	<0.05
96945		24.8	3.70	7.54	0.11	0.04	<0.01	0.005	1.54	12.3	29.7	5.34	397	0.14	0.03	<0.05
96946		79.2	3.39	6.27	0.09	<0.02	<0.01	0.008	0.04	0.5	6.1	4.71	297	0.06	0.01	<0.05
96947		65.2	3.54	6.07	0.11	<0.02	<0.01	0.008	0.06	0.3	6.3	4.84	278	0.11	0.01	<0.05
96948		87.7	3.34	6.43	0.10	<0.02	<0.01	0.006	0.06	0.7	5.9	4.98	319	0.06	0.01	<0.05
96949		67.3	3.94	7.45	0.09	0.03	<0.01	0.010	1.18	4.4	26.1	5.67	285	0.14	0.03	<0.05
96950		79.7	3.31	6.20	0.08	<0.02	<0.01	0.008	0.02	0.5	5.0	5.16	356	0.06	0.01	<0.05

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Page: 3 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 29-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365149**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
96941		600	310	0.8	21.7	<0.001	0.24	<0.05	1.6	0.4	<0.2	86.4	<0.01	0.02	0.3	0.057
96942		687	310	0.8	18.0	<0.001	0.24	<0.05	1.6	0.4	<0.2	33.5	<0.01	0.03	0.2	0.052
96943		598	150	7.0	30.6	<0.001	0.17	<0.05	1.4	0.3	<0.2	142.0	<0.01	0.02	0.4	0.068
96944		440	770	3.7	78.2	<0.001	0.09	<0.05	2.0	<0.2	<0.2	218	<0.01	0.02	1.0	0.119
96945		437	760	4.2	73.1	<0.001	0.10	<0.05	1.9	<0.2	<0.2	227	<0.01	0.03	1.0	0.113
96946		636	100	0.6	2.1	<0.001	0.22	<0.05	1.4	0.3	<0.2	101.0	<0.01	0.02	<0.2	0.031
96947		607	90	1.5	3.0	<0.001	0.15	<0.05	1.4	0.3	<0.2	74.5	<0.01	0.03	<0.2	0.033
96948		684	120	0.8	3.0	<0.001	0.18	<0.05	1.5	0.6	<0.2	121.5	<0.01	0.02	<0.2	0.039
96949		692	430	1.8	51.1	<0.001	0.14	<0.05	2.2	0.2	<0.2	52.8	<0.01	0.03	0.8	0.099
96950		713	120	0.9	1.4	<0.001	0.18	<0.05	1.3	0.4	<0.2	134.5	<0.01	0.01	<0.2	0.042

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Page: 3 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 29-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS	SD22365149
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Sample Description	Method Analyte Units LOD	ME-MS41 TI ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	Zn-OG46 Zn % 0.001	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
96941		0.17	0.07	69	0.26	1.08	31	0.5			
96942		0.15	0.06	74	0.34	0.94	33	0.5			
96943		0.25	0.07	55	0.26	0.97	29	0.7			
96944		0.61	0.17	72	0.30	2.39	40	1.6			
96945		0.53	0.16	70	0.25	2.36	38	1.6			
96946		<0.02	0.05	70	0.57	1.06	28	<0.5			
96947		0.03	<0.05	81	0.61	1.05	29	<0.5			
96948		0.03	<0.05	71	0.55	1.16	29	<0.5			
96949		0.37	0.16	83	0.46	2.20	37	1.2			
96950		<0.02	<0.05	67	0.67	1.18	28	<0.5			

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Page: Appendix 1  
 Total # Appendix Pages: 1  
 Finalized Date: 29-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365149**

	<b>CERTIFICATE COMMENTS</b>												
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).            ME-MS41</p>												
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-22</td> <td style="width: 15%;">LOG-22d</td> </tr> <tr> <td>PUL-31</td> <td>PUL-31d</td> <td>PUL-QC</td> <td>SPL-21</td> </tr> <tr> <td>SPL-21d</td> <td>WEI-21</td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-22	LOG-22d	PUL-31	PUL-31d	PUL-QC	SPL-21	SPL-21d	WEI-21		
CRU-31	CRU-QC	LOG-22	LOG-22d										
PUL-31	PUL-31d	PUL-QC	SPL-21										
SPL-21d	WEI-21												
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">ME-MS41</td> <td style="width: 33%;">ME-OG46</td> <td style="width: 33%;">Zn-OG46</td> <td></td> </tr> </table>	ME-MS41	ME-OG46	Zn-OG46									
ME-MS41	ME-OG46	Zn-OG46											



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To: **MINROC MANAGEMENT LTD.**  
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Page: 1  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 3-FEB-2023  
 This copy reported on 6-FEB-2023  
 Account: MINMAN

**SD22365249**

Project: LAL-VIC 2022 DDH  
 P.O. No.: BATCH 15  
 This report is for 50 samples of 1/2 Core submitted to our lab in Sudbury, ON,  
 Canada on 19-DEC-2022.

The following have access to data associated with this certificate:

SAHIL ALURKAR  
 FRANCIS NEWTON

FRANCIS NEWTON  
 BRIAN NEWTON

BRIAN NEWTON  
 ACCESS WEBTRIEVE

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

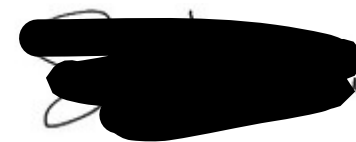
**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS41	Ultra Trace Aqua Regia ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**



Saa Traxler, Director, North Vancouver Operations



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Page: 2 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 3-FEB-2023  
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**CERTIFICATE OF ANALYSIS SD22365249**

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
97151		5.19	0.01	2.68	0.2	<0.02	<10	930	0.26	0.06	0.71	0.04	34.7	37.0	697	9.46
97152		0.59	<0.01	0.03	0.3	<0.02	<10	30	<0.05	<0.01	>25.0	0.01	1.13	1.3	6	0.06
97153		5.85	0.01	3.42	0.3	<0.02	<10	1080	0.25	0.03	0.33	0.02	27.4	50.0	1045	16.15
97154		3.63	0.03	3.20	<0.1	<0.02	<10	910	0.23	0.08	0.18	0.03	9.05	56.4	1290	18.05
97155		3.14	0.04	2.50	8.3	<0.02	<10	770	0.22	0.08	0.69	0.04	41.4	48.1	812	13.10
97156		3.55	0.01	1.48	0.2	<0.02	<10	470	0.42	0.07	2.20	0.04	42.9	19.7	347	3.96
97157		3.32	0.02	2.82	0.6	<0.02	<10	1060	0.39	0.11	2.27	0.04	91.1	38.2	677	13.15
97158		5.10	0.04	2.51	<0.1	<0.02	<10	340	0.16	0.11	2.01	0.05	34.1	54.9	897	7.61
97159		4.91	0.03	3.51	0.1	<0.02	<10	840	0.19	0.12	0.47	0.02	11.50	61.6	1130	16.40
97160		3.55	0.01	2.77	0.1	<0.02	<10	310	0.09	0.12	0.65	0.02	1.96	61.0	1215	5.36
97161		4.95	0.02	3.79	0.3	<0.02	<10	1010	0.26	0.11	0.63	0.02	13.80	56.7	1110	19.65
97162		<0.02	0.02	3.78	0.6	<0.02	<10	1010	0.27	0.12	0.66	0.02	14.60	57.0	1120	19.25
97163		5.29	0.03	3.65	0.2	<0.02	<10	900	0.23	0.12	0.36	0.02	7.58	60.7	1295	20.3
97164		1.41	0.02	3.59	0.2	<0.02	<10	880	0.20	0.08	0.59	0.02	17.70	55.4	1420	20.5
97165		1.67	0.05	3.45	1.3	<0.02	<10	850	0.20	0.11	0.75	0.02	11.45	57.1	1300	21.9
97166		3.80	0.04	3.13	0.8	<0.02	<10	490	0.07	0.09	0.52	0.03	1.24	55.3	1320	9.20
97167		4.89	0.03	3.27	0.6	<0.02	<10	640	0.13	0.10	0.96	0.02	15.10	50.5	1105	14.40
97168		5.12	0.03	2.59	1.6	<0.02	<10	10	<0.05	0.13	0.22	0.03	0.52	50.5	1550	0.95
97169		4.89	0.02	2.74	1.9	<0.02	<10	<10	<0.05	0.09	0.12	0.02	0.36	53.6	1510	1.14
97170		4.94	0.03	2.92	0.9	<0.02	<10	90	<0.05	0.15	0.25	0.02	0.66	49.4	1335	2.41
97171		5.56	0.03	2.37	0.8	<0.02	<10	40	<0.05	0.15	1.13	0.02	1.85	48.0	1190	1.90
97172		0.53	0.01	0.04	0.2	<0.02	10	20	<0.05	0.01	>25.0	0.01	0.87	1.5	13	<0.05
97173		5.04	0.02	2.51	1.6	<0.02	<10	10	<0.05	0.12	0.57	0.01	1.03	53.0	1230	0.48
97174		4.73	0.03	2.84	0.9	<0.02	<10	200	<0.05	0.21	0.86	0.02	3.16	57.6	1265	3.95
97175		3.24	0.03	2.31	0.9	<0.02	<10	30	<0.05	0.10	1.91	0.02	2.13	50.6	1020	0.54
97176		3.09	0.06	3.42	1.1	<0.02	<10	740	0.24	0.21	0.87	0.01	17.15	53.3	1020	13.00
97177		2.62	0.04	3.05	2.0	<0.02	<10	750	0.36	0.15	1.74	0.03	44.4	44.8	744	14.45
97178		4.24	0.02	2.93	0.5	<0.02	<10	120	<0.05	0.11	0.52	0.01	1.38	54.5	1185	2.00
97179		5.27	0.04	3.26	0.8	<0.02	<10	540	0.09	0.17	0.33	0.02	4.88	60.6	1185	9.51
97180		5.57	0.05	3.12	0.8	<0.02	<10	690	0.10	0.18	0.73	0.02	4.30	56.0	1130	11.15
97181		5.05	0.04	3.42	1.0	<0.02	<10	550	0.08	0.19	0.35	0.01	2.94	57.8	1185	8.07
97182		4.40	0.02	2.11	0.7	<0.02	<10	10	<0.05	0.17	0.88	0.01	1.01	55.9	1160	0.37
97183		3.13	0.02	2.53	0.8	<0.02	<10	10	<0.05	0.14	0.52	0.01	0.69	60.3	1255	0.33
97184		3.65	0.02	2.16	0.9	<0.02	<10	10	<0.05	0.17	0.65	0.02	1.18	53.1	1150	0.33
97185		3.26	0.02	2.93	0.9	<0.02	<10	690	0.13	0.09	0.23	0.01	1.61	46.4	1075	14.55
97186		5.32	0.03	2.78	1.2	<0.02	<10	940	0.46	0.13	1.57	0.03	55.4	37.3	576	14.65
97187		4.83	0.04	2.67	0.4	<0.02	<10	50	<0.05	0.16	0.33	0.02	0.97	56.0	1255	1.49
97188		4.13	0.04	2.61	0.7	<0.02	<10	20	<0.05	0.25	0.45	0.01	0.69	62.8	1450	1.98
97189		4.59	0.05	1.55	0.4	<0.02	<10	20	<0.05	0.27	4.32	0.05	3.00	55.8	916	0.44
97190		3.57	0.05	3.44	0.4	<0.02	<10	1120	0.20	0.14	0.87	0.01	22.3	51.1	1065	18.55

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 3-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365249**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
97151		1.0	3.28	7.46	0.12	0.07	<0.01	0.007	2.16	17.1	65.4	4.27	345	0.09	0.07	<0.05
97152		3.6	0.13	0.11	<0.05	<0.02	<0.01	0.005	0.02	1.3	0.8	0.49	94	0.13	0.01	<0.05
97153		14.6	4.02	9.45	0.11	0.04	<0.01	0.006	3.22	14.6	81.4	5.61	362	0.06	0.04	<0.05
97154		69.8	3.76	9.26	0.12	0.03	<0.01	<0.005	3.19	4.7	67.0	5.65	304	0.07	0.02	<0.05
97155		82.6	3.34	6.40	0.17	0.06	0.02	0.006	2.49	19.1	52.0	4.23	260	0.19	0.04	<0.05
97156		6.2	2.21	4.22	0.12	0.20	<0.01	0.009	0.77	23.4	23.1	2.33	384	0.07	0.16	0.05
97157		7.7	3.55	8.40	0.19	0.17	<0.01	0.009	2.28	43.7	61.5	4.51	450	0.05	0.06	0.05
97158		115.0	3.37	6.75	0.14	0.07	<0.01	0.007	1.14	18.3	24.4	4.68	441	0.07	0.03	<0.05
97159		74.6	4.40	8.91	0.13	0.03	<0.01	0.005	3.21	5.7	64.2	6.24	339	0.09	0.03	<0.05
97160		67.2	3.44	7.03	0.10	0.02	<0.01	0.006	1.20	1.1	28.0	4.99	325	0.08	0.02	<0.05
97161		43.3	4.85	9.16	0.14	0.04	<0.01	0.011	3.65	7.0	77.2	6.32	422	0.06	0.05	<0.05
97162		41.7	4.87	8.88	0.13	0.04	<0.01	0.008	3.62	7.4	77.0	6.30	426	0.06	0.05	<0.05
97163		53.5	4.61	9.15	0.14	0.04	<0.01	0.005	3.33	4.2	71.2	6.45	385	0.06	0.03	<0.05
97164		29.9	4.62	8.66	0.10	0.05	<0.01	0.007	3.22	8.5	68.7	6.21	461	0.05	0.03	<0.05
97165		25.9	4.50	9.45	0.13	0.05	<0.01	0.007	3.05	5.6	68.1	5.97	462	0.06	0.03	<0.05
97166		58.4	3.96	7.71	0.11	0.03	0.01	0.006	1.74	0.7	46.3	5.24	421	0.16	0.03	<0.05
97167		15.4	4.37	7.95	0.11	0.07	0.01	0.009	2.03	5.9	51.3	5.22	486	0.16	0.06	<0.05
97168		76.9	3.37	5.73	0.08	<0.02	<0.01	0.007	0.03	0.3	11.4	4.78	266	0.05	0.01	<0.05
97169		59.8	3.58	6.31	0.08	<0.02	<0.01	0.007	0.03	0.2	11.4	4.90	270	0.16	0.01	<0.05
97170		56.3	3.71	6.30	0.07	<0.02	0.01	<0.005	0.29	0.3	19.4	4.99	308	<0.05	0.01	<0.05
97171		70.3	2.99	5.66	0.08	<0.02	<0.01	0.006	0.13	1.0	11.5	4.47	314	1.01	0.01	<0.05
97172		3.6	0.12	0.11	<0.05	<0.02	<0.01	<0.005	<0.01	1.0	0.4	0.58	83	0.25	<0.01	<0.05
97173		59.6	3.22	6.28	0.06	<0.02	<0.01	0.006	0.02	0.6	5.4	4.66	250	0.05	0.01	<0.05
97174		69.1	3.65	7.47	0.09	0.02	0.01	0.011	0.70	1.6	16.2	5.27	341	0.06	0.01	<0.05
97175		66.9	2.95	5.92	0.08	0.02	0.01	0.007	0.05	1.5	6.0	4.37	410	0.05	0.01	<0.05
97176		39.3	4.24	8.60	0.11	0.06	<0.01	0.009	2.37	7.8	52.7	5.73	393	<0.05	0.04	<0.05
97177		19.6	3.94	8.36	0.13	0.11	<0.01	0.013	2.20	23.1	52.6	5.02	403	<0.05	0.08	0.05
97178		64.8	3.57	6.89	0.10	0.02	<0.01	0.007	0.37	0.9	15.2	5.08	284	1.48	0.01	<0.05
97179		72.4	4.12	8.14	0.09	0.02	<0.01	<0.005	1.81	2.6	41.2	5.72	291	0.08	0.02	<0.05
97180		52.1	4.01	8.08	0.12	0.02	0.01	0.006	2.05	2.6	42.3	5.41	381	0.07	0.02	<0.05
97181		49.2	4.25	8.21	0.10	0.03	<0.01	0.007	1.59	1.4	36.6	5.79	345	0.06	0.02	<0.05
97182		78.5	2.72	5.48	0.07	<0.02	0.01	0.007	0.01	0.6	4.6	4.19	290	0.16	0.01	<0.05
97183		97.9	3.33	6.29	0.08	<0.02	<0.01	0.007	0.01	0.3	4.8	4.79	245	0.11	0.01	<0.05
97184		73.6	2.67	5.95	0.07	<0.02	<0.01	0.009	0.01	0.9	5.5	4.10	217	0.07	0.01	<0.05
97185		18.6	3.60	7.55	0.12	0.02	0.01	<0.005	2.27	0.9	46.4	5.31	281	<0.05	0.02	<0.05
97186		13.4	3.65	7.88	0.18	0.17	<0.01	0.010	2.36	28.3	55.3	4.33	409	<0.05	0.10	<0.05
97187		90.3	3.26	6.70	0.09	<0.02	0.01	0.005	0.16	0.5	9.9	4.95	236	0.05	0.01	<0.05
97188		94.9	3.28	6.75	0.10	<0.02	<0.01	0.009	0.10	0.4	10.0	5.20	254	0.17	0.02	<0.05
97189		94.0	2.55	4.23	0.08	<0.02	<0.01	<0.005	0.02	1.6	4.9	4.27	686	0.21	0.01	<0.05
97190		22.1	4.31	8.07	0.16	0.08	<0.01	0.006	3.15	8.3	54.6	6.07	395	<0.05	0.04	<0.05





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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
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Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365249**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
97151		361	1210	6.4	96.7	<0.001	0.02	<0.05	2.5	0.3	<0.2	55.7	<0.01	<0.01	1.5	0.192
97152		1.8	70	0.3	0.7	<0.001	0.03	<0.05	0.3	0.8	<0.2	82.9	<0.01	<0.01	<0.2	<0.005
97153		559	300	3.3	155.0	<0.001	0.04	<0.05	2.0	0.3	<0.2	25.2	<0.01	<0.01	2.4	0.213
97154		726	110	5.0	163.0	<0.001	0.13	<0.05	1.6	0.3	<0.2	12.5	<0.01	0.04	1.1	0.175
97155		600	1620	3.0	126.5	<0.001	0.20	0.13	1.7	0.4	<0.2	69.1	<0.01	0.03	1.2	0.144
97156		127.0	1830	3.3	38.4	<0.001	0.03	<0.05	6.2	0.3	0.2	243	<0.01	0.01	2.3	0.121
97157		338	2140	9.2	109.5	<0.001	0.04	<0.05	3.0	<0.2	0.2	356	<0.01	0.01	4.2	0.208
97158		730	580	3.2	61.6	<0.001	0.38	<0.05	2.3	0.3	<0.2	282	<0.01	0.05	1.5	0.093
97159		763	390	6.2	156.5	<0.001	0.22	<0.05	3.0	0.2	<0.2	57.2	<0.01	0.05	0.8	0.179
97160		933	110	3.0	53.9	<0.001	0.39	<0.05	1.2	0.4	<0.2	103.5	<0.01	0.06	0.3	0.108
97161		649	280	5.8	172.5	<0.001	0.22	<0.05	4.4	0.2	<0.2	86.4	<0.01	0.03	1.0	0.206
97162		660	290	5.4	168.0	<0.001	0.24	<0.05	4.2	0.3	<0.2	87.6	<0.01	0.03	1.1	0.205
97163		743	160	8.0	170.0	<0.001	0.15	<0.05	2.8	<0.2	<0.2	36.1	<0.01	0.04	0.5	0.188
97164		534	680	6.8	164.5	<0.001	0.08	<0.05	2.3	0.4	<0.2	61.7	<0.01	0.02	0.7	0.185
97165		517	320	8.3	169.0	<0.001	0.09	<0.05	2.7	0.3	<0.2	85.1	<0.01	0.01	0.8	0.181
97166		561	100	4.7	79.5	<0.001	0.11	<0.05	1.9	0.3	<0.2	58.4	<0.01	0.01	<0.2	0.135
97167		414	420	3.6	105.0	<0.001	0.01	<0.05	3.6	<0.2	<0.2	110.0	<0.01	<0.01	0.8	0.170
97168		641	70	0.7	1.9	<0.001	0.13	<0.05	1.4	0.5	<0.2	20.2	<0.01	<0.01	<0.2	0.048
97169		626	80	0.5	2.3	<0.001	0.09	<0.05	1.6	0.4	<0.2	9.4	<0.01	0.01	<0.2	0.043
97170		599	100	2.3	12.8	<0.001	0.06	<0.05	1.4	0.3	<0.2	24.1	<0.01	<0.01	<0.2	0.078
97171		691	100	1.7	8.0	0.001	0.21	<0.05	1.3	0.3	<0.2	144.0	<0.01	0.01	<0.2	0.043
97172		5.6	60	0.2	0.1	<0.001	<0.01	<0.05	0.3	0.6	<0.2	84.2	<0.01	<0.01	<0.2	<0.005
97173		699	100	0.4	1.0	<0.001	0.23	<0.05	1.4	0.2	<0.2	74.2	<0.01	0.01	<0.2	0.031
97174		756	150	2.8	33.1	<0.001	0.18	<0.05	1.7	0.3	<0.2	130.5	<0.01	0.01	0.5	0.068
97175		620	130	0.9	2.2	<0.001	0.25	<0.05	1.3	0.7	<0.2	240	<0.01	0.01	<0.2	0.030
97176		566	460	5.3	106.0	<0.001	0.07	<0.05	5.1	<0.2	<0.2	145.0	<0.01	0.01	1.4	0.158
97177		372	1250	4.7	105.5	<0.001	0.02	<0.05	4.1	<0.2	0.2	266	<0.01	<0.01	1.7	0.176
97178		630	130	1.1	14.4	<0.001	0.23	<0.05	1.5	0.2	<0.2	84.9	<0.01	0.01	<0.2	0.055
97179		684	150	3.9	80.1	<0.001	0.16	<0.05	2.3	0.2	<0.2	47.5	<0.01	0.01	0.6	0.126
97180		642	120	5.4	87.1	<0.001	0.17	<0.05	1.9	0.3	<0.2	133.0	<0.01	0.01	0.2	0.149
97181		578	240	6.7	64.8	<0.001	0.12	<0.05	2.5	0.2	<0.2	61.7	<0.01	0.04	0.4	0.124
97182		818	100	0.7	0.8	<0.001	0.34	<0.05	1.2	0.3	<0.2	132.5	<0.01	0.06	<0.2	0.026
97183		837	100	0.5	0.6	<0.001	0.42	<0.05	1.7	0.5	<0.2	75.4	<0.01	0.05	<0.2	0.029
97184		721	80	0.9	0.5	<0.001	0.28	<0.05	1.3	0.2	<0.2	76.7	<0.01	0.02	<0.2	0.026
97185		573	50	2.4	98.3	<0.001	0.04	<0.05	1.3	0.3	<0.2	28.3	<0.01	<0.01	<0.2	0.128
97186		323	1360	4.8	98.5	<0.001	0.01	<0.05	5.0	<0.2	0.3	229	<0.01	<0.01	3.5	0.183
97187		756	120	0.7	6.7	<0.001	0.28	<0.05	1.2	0.5	<0.2	62.8	<0.01	0.01	<0.2	0.032
97188		928	80	1.1	6.0	<0.001	0.33	<0.05	1.3	0.5	<0.2	69.8	<0.01	0.04	<0.2	0.031
97189		894	120	3.4	1.1	0.001	0.39	<0.05	1.6	0.9	<0.2	663	<0.01	0.04	0.2	0.019
97190		493	1140	4.8	127.0	<0.001	0.02	<0.05	2.7	0.2	<0.2	175.0	<0.01	<0.01	1.6	0.193



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To: MINROC MANAGEMENT LTD.  
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Page: 2 - D  
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Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	CRU-QC	PUL-QC	
		Tl	U	V	W	Y	Zn	Zr	Pass2mm	Pass75um	
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
		0.02	0.05	1	0.05	0.05	2	0.5	0.01	0.01	
97151		0.80	0.23	59	0.11	2.27	58	3.0	74.4	94.0	
97152		<0.02	0.07	1	<0.05	2.31	2	<0.5			
97153		1.17	0.29	71	0.08	1.72	59	2.8			90.5
97154		1.24	0.11	66	<0.05	0.92	43	0.7			
97155		0.90	0.17	59	0.13	2.63	39	1.9			
97156		0.32	0.36	51	0.16	4.88	32	6.3			
97157		0.87	0.66	66	0.16	11.85	54	6.5			
97158		0.49	0.26	60	0.14	3.15	33	2.7			
97159		1.14	0.19	83	0.11	1.52	45	1.1			
97160		0.42	0.14	57	0.34	0.96	33	0.6			
97161		1.33	0.30	99	0.09	2.21	53	1.7			
97162		1.32	0.42	98	0.11	2.18	52	1.7			
97163		1.31	0.13	88	0.12	1.52	51	1.0			
97164		1.23	0.31	85	0.18	2.08	53	1.7			
97165		1.29	0.23	85	0.18	2.09	51	2.2			
97166		0.64	0.05	70	0.18	1.27	36	0.5			
97167		0.80	0.17	91	0.22	3.37	44	1.9			
97168		0.03	<0.05	71	0.23	1.18	26	<0.5			
97169		0.03	<0.05	78	0.21	1.06	28	<0.5			
97170		0.10	<0.05	82	0.36	1.22	32	<0.5			
97171		0.07	<0.05	58	0.62	1.72	28	<0.5			
97172		<0.02	0.11	1	<0.05	2.13	2	<0.5			
97173		0.02	0.05	76	0.47	1.09	27	<0.5			
97174		0.26	0.10	76	0.74	1.34	32	0.8	75.1		
97175		0.04	0.06	61	0.67	1.59	26	<0.5			
97176		0.86	0.25	89	0.35	2.58	46	1.9			
97177		0.82	0.30	83	0.57	4.48	48	3.2			
97178		0.13	<0.05	77	0.28	0.91	32	<0.5			
97179		0.67	0.21	85	0.24	0.99	39	0.5			
97180		0.72	0.07	78	0.27	1.30	37	0.6			
97181		0.57	0.06	93	0.22	1.43	39	0.7			
97182		<0.02	<0.05	55	0.54	1.11	22	<0.5			
97183		0.02	<0.05	73	0.58	1.02	28	<0.5			
97184		0.02	<0.05	57	0.25	0.97	23	<0.5			
97185		0.78	<0.05	61	0.16	0.65	39	0.5			
97186		0.80	0.77	78	0.23	5.18	50	4.9			
97187		0.06	0.05	68	0.22	0.76	30	<0.5			
97188		0.06	0.06	68	0.24	0.69	29	<0.5			
97189		0.02	0.07	41	0.36	2.96	18	<0.5	92.6		
97190		1.04	1.04	86	0.11	5.76	43	3.6		79.3	86.0



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 3 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 3-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

<b>CERTIFICATE OF ANALYSIS SD22365249</b>
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Sample Description	WEI-21 Recvd Wt. kg	ME-MS41 Ag ppm	ME-MS41 Al %	ME-MS41 As ppm	ME-MS41 Au ppm	ME-MS41 B ppm	ME-MS41 Ba ppm	ME-MS41 Be ppm	ME-MS41 Bi ppm	ME-MS41 Ca %	ME-MS41 Cd ppm	ME-MS41 Ce ppm	ME-MS41 Co ppm	ME-MS41 Cr ppm	ME-MS41 Cs ppm
	Method Analyte Units LOD	0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
97191	2.08	0.04	3.26	0.4	<0.02	<10	660	0.11	0.22	0.55	0.02	11.45	58.9	1205	14.30
97192	2.35	0.03	3.36	0.7	<0.02	<10	460	0.07	0.19	0.35	0.02	0.90	64.5	1365	10.00
97193	5.10	0.02	2.41	1.1	<0.02	<10	40	<0.05	0.27	1.03	0.02	1.44	56.1	1375	1.06
97194	2.75	0.01	2.07	0.5	<0.02	<10	10	<0.05	0.22	2.65	0.02	2.27	52.8	1350	0.38
97195	<0.02	0.01	2.15	0.6	<0.02	<10	10	<0.05	0.24	2.78	0.03	2.26	53.4	1390	0.35
97196	3.20	0.05	1.73	1.8	<0.02	<10	20	<0.05	0.37	5.85	0.07	2.65	47.1	1185	0.28
97197	4.58	0.01	1.97	0.5	<0.02	<10	20	<0.05	0.18	3.51	0.04	2.04	47.2	1165	0.27
97198	3.74	0.02	2.44	1.1	<0.02	<10	30	<0.05	0.20	2.23	0.02	2.07	53.9	1175	0.46
97199	2.72	0.04	2.67	0.4	<0.02	<10	30	<0.05	0.32	2.16	0.04	1.89	70.4	1400	0.38
97200	5.19	0.09	2.95	0.5	<0.02	<10	530	0.16	0.41	0.98	0.02	4.40	55.7	1085	15.20

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 3 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 3-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365249
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Sample Description	Method Analyte Units LOD	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01	ME-MS41 Nb ppm 0.05
97191		68.8	4.34	7.82	0.13	0.03	<0.01	0.007	1.93	4.6	35.4	5.92	329	0.07	0.03	<0.05
97192		70.1	4.45	8.03	0.12	0.02	<0.01	0.012	1.32	0.4	27.0	6.11	322	0.06	0.02	<0.05
97193		55.7	3.24	6.21	0.09	0.02	0.01	0.010	0.09	0.6	6.3	4.96	309	0.16	0.01	<0.05
97194		31.5	3.36	5.33	0.09	<0.02	<0.01	0.009	<0.01	0.9	4.3	5.11	608	<0.05	<0.01	<0.05
97195		31.7	3.47	5.22	0.09	<0.02	<0.01	0.009	<0.01	0.9	4.6	5.36	628	<0.05	0.01	<0.05
97196		19.6	3.35	4.31	0.09	<0.02	0.01	0.010	<0.01	1.0	4.3	6.22	1300	<0.05	0.01	<0.05
97197		25.6	3.22	4.94	0.11	<0.02	0.01	0.008	<0.01	0.8	4.5	5.09	648	0.06	0.01	<0.05
97198		49.0	3.37	6.19	0.09	<0.02	<0.01	0.009	0.01	0.9	6.6	5.04	417	0.13	0.01	<0.05
97199		118.5	3.78	6.84	0.11	0.02	<0.01	0.012	0.01	1.0	6.9	5.27	423	0.17	0.01	<0.05
97200		41.5	3.90	7.88	0.11	0.03	0.01	0.005	1.75	2.1	33.2	5.43	346	0.08	0.03	<0.05

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Page: 3 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 3-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365249**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005	
97191	605	500	2.7	86.1	0.001	0.13	<0.05	2.3	0.2	<0.2	102.5	<0.01	0.01	0.9	0.128	
97192	695	140	1.5	63.8	<0.001	0.16	<0.05	2.5	<0.2	<0.2	60.4	<0.01	<0.01	<0.2	0.102	
97193	751	90	1.6	4.5	0.001	0.21	0.05	1.8	<0.2	<0.2	201	<0.01	0.04	<0.2	0.028	
97194	702	130	1.7	0.4	<0.001	0.22	<0.05	2.3	0.4	<0.2	558	<0.01	0.03	0.2	0.017	
97195	723	120	1.7	0.4	<0.001	0.23	<0.05	2.2	0.3	<0.2	587	<0.01	0.04	0.3	0.019	
97196	633	90	6.3	0.3	<0.001	0.16	<0.05	3.2	0.4	<0.2	1115	<0.01	0.03	<0.2	0.014	
97197	641	130	2.0	0.3	<0.001	0.21	<0.05	2.2	0.2	<0.2	749	<0.01	0.02	<0.2	0.017	
97198	667	240	1.6	0.5	<0.001	0.28	<0.05	2.6	0.3	<0.2	352	<0.01	0.02	<0.2	0.021	
97199	998	90	1.3	0.5	<0.001	0.61	<0.05	1.9	0.6	<0.2	238	<0.01	0.03	<0.2	0.024	
97200	651	250	9.3	83.6	<0.001	0.09	<0.05	2.2	0.7	<0.2	157.0	<0.01	<0.01	0.4	0.110	

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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Page: 3 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 3-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365249
------------------------------------

Sample Description	Method Analyte Units LOD	ME-MS41 TI ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
97191		0.70	0.25	90	0.34	3.06	40	1.3		
97192		0.54	<0.05	96	0.13	1.46	39	<0.5		
97193		0.04	<0.05	72	0.36	1.68	27	<0.5		
97194		<0.02	<0.05	66	0.53	3.57	24	<0.5		
97195		<0.02	<0.05	69	0.47	3.53	25	<0.5		
97196		<0.02	<0.05	55	1.44	7.45	23	<0.5		
97197		<0.02	<0.05	61	0.35	4.25	23	<0.5		
97198		<0.02	0.05	77	0.53	4.06	28	<0.5		
97199		0.02	0.06	75	0.16	2.44	29	<0.5		
97200		0.69	0.08	79	0.22	1.95	40	1.0		

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Page: Appendix 1  
 Total # Appendix Pages: 1  
 Finalized Date: 3-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365249**

	<b>CERTIFICATE COMMENTS</b>												
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).            ME-MS41</p>												
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-22</td> <td style="width: 15%;">LOG-22d</td> </tr> <tr> <td>PUL-31</td> <td>PUL-31d</td> <td>PUL-QC</td> <td>SPL-21</td> </tr> <tr> <td>SPL-21d</td> <td>WEI-21</td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-22	LOG-22d	PUL-31	PUL-31d	PUL-QC	SPL-21	SPL-21d	WEI-21		
CRU-31	CRU-QC	LOG-22	LOG-22d										
PUL-31	PUL-31d	PUL-QC	SPL-21										
SPL-21d	WEI-21												
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.            ME-MS41</p>												



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To: **MINROC MANAGEMENT LTD.**  
**2857 SHERWOOD HEIGHTS DRIVE, UNIT 2**  
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Page: 1  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 3-FEB-2023  
 This copy reported on 6-FEB-2023  
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**SD22365685**

Project: LAL-VIC 2022 DDH  
 P.O. No.: BATCH 23  
 This report is for 50 samples of 1/2 Core submitted to our lab in Sudbury, ON,  
 Canada on 19-DEC-2022.

The following have access to data associated with this certificate:

SAHIL ALURKAR  
 FRANCIS NEWTON

FRANCIS NEWTON  
 BRIAN NEWTON

BRIAN NEWTON  
 ACCESS WEBTRIEVE

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS41	Ultra Trace Aqua Regia ICP-MS	
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Cu-OG46	Ore Grade Cu - Aqua Regia	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**

Saa Traxler, Director, North Vancouver Operations







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Page: 2 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 3-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365685**

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Units		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
LOD		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
90051		5.12	0.02	1.76	1.0	<0.02	10	<10	<0.05	0.61	2.92	0.07	0.98	55.3	1310	0.21
90052		0.58	0.01	0.04	<0.1	<0.02	<10	10	0.07	0.01	>25.0	0.01	1.53	1.8	10	<0.05
90053		5.72	0.03	2.03	0.3	<0.02	10	10	<0.05	0.41	2.91	0.07	3.95	61.2	1215	0.41
90054		5.47	0.03	1.95	0.5	<0.02	10	<10	<0.05	0.72	3.06	0.09	3.40	63.0	1320	0.36
90055		0.06	3.40	0.40	28.6	0.79	<10	10	0.05	0.53	0.45	0.91	3.34	1160	86	0.49
90056		4.17	0.03	1.73	2.2	<0.02	10	10	<0.05	0.73	3.87	0.10	1.40	60.9	1285	0.25
90057		5.04	0.03	1.58	0.2	<0.02	<10	<10	<0.05	0.61	2.12	0.06	1.21	61.9	1150	0.21
90058		5.35	0.14	2.57	0.1	<0.02	<10	240	0.17	0.62	0.19	0.04	0.55	67.7	1195	9.17
90059		4.74	0.03	1.59	<0.1	<0.02	<10	<10	<0.05	0.54	1.35	0.03	0.92	66.1	1185	0.28
90060		4.79	0.02	1.61	0.1	<0.02	<10	<10	<0.05	0.53	2.14	0.04	1.44	59.8	1180	0.22
90061		5.43	0.04	1.66	<0.1	<0.02	<10	<10	<0.05	0.50	0.73	0.03	0.80	68.4	1170	0.19
90062		<0.02	0.04	1.62	<0.1	<0.02	<10	<10	<0.05	0.49	0.74	0.02	0.79	68.9	1150	0.19
90063		4.04	0.22	2.37	<0.1	<0.02	<10	380	0.23	0.51	0.17	0.03	0.62	62.1	1345	12.00
90064		2.20	0.18	3.20	<0.1	<0.02	<10	140	0.11	0.28	0.16	0.01	0.36	87.0	1825	3.53
90065		2.26	0.18	3.08	<0.1	<0.02	<10	120	0.09	0.30	0.11	0.01	0.29	89.7	1885	3.15
90066		4.70	0.05	2.27	0.5	<0.02	<10	<10	<0.05	0.36	1.62	0.02	0.67	69.4	1540	0.48
90067		5.07	0.02	1.67	0.4	<0.02	<10	<10	<0.05	0.84	3.56	0.09	1.32	53.7	1270	0.18
90068		4.36	0.01	1.44	0.2	<0.02	<10	<10	<0.05	0.72	4.06	0.08	3.12	49.0	1030	0.19
90069		5.42	0.08	3.63	0.5	<0.02	<10	910	0.37	0.31	4.03	0.05	37.6	51.8	1040	15.25
90070		5.05	0.01	2.65	0.3	<0.02	<10	1630	0.43	0.09	2.77	0.04	43.8	28.6	641	6.15
90071		5.50	0.05	2.23	0.3	<0.02	<10	300	0.35	0.15	1.66	0.06	34.1	35.8	749	5.13
90072		0.64	<0.01	0.06	<0.1	<0.02	<10	20	0.05	0.02	>25.0	0.01	1.62	2.1	12	0.12
90073		4.66	0.04	3.30	1.6	<0.02	<10	680	0.14	0.16	0.21	0.04	0.90	55.6	1540	16.45
90074		6.03	0.02	3.03	1.6	<0.02	<10	690	0.14	0.07	0.33	0.02	2.78	42.6	1130	14.65
90075		5.56	0.02	3.17	0.3	<0.02	<10	500	0.10	0.10	0.25	0.04	4.25	51.0	1110	12.10
90076		5.14	0.03	2.44	0.3	<0.02	<10	200	<0.05	0.16	0.18	0.01	1.93	49.8	1020	4.28
90077		4.92	0.05	2.38	0.6	<0.02	<10	110	<0.05	0.18	0.60	0.01	9.35	43.2	884	2.45
90078		5.01	0.02	2.10	0.6	<0.02	<10	<10	<0.05	0.14	1.04	0.01	1.30	49.2	1065	0.27
90079		4.71	0.02	2.35	0.9	<0.02	<10	300	0.21	0.09	1.05	0.02	24.8	32.3	631	5.29
90080		4.69	0.04	2.55	1.1	<0.02	<10	170	<0.05	0.20	0.18	<0.01	0.84	44.2	1095	3.06
90081		4.81	0.01	2.40	0.9	<0.02	<10	10	<0.05	0.09	0.22	0.01	0.73	45.7	1035	0.72
90082		4.98	0.03	2.53	0.5	<0.02	<10	<10	<0.05	0.14	0.83	0.01	1.08	51.2	1135	0.36
90083		4.79	0.03	3.04	2.5	<0.02	<10	90	<0.05	0.10	0.51	0.01	2.20	55.4	1270	2.32
90084		5.33	0.04	2.55	1.1	<0.02	<10	10	<0.05	0.11	0.75	0.01	1.19	50.4	1170	0.55
90085		3.24	0.04	3.00	1.1	<0.02	<10	240	0.05	0.10	0.59	0.01	1.51	50.4	1180	4.14
90086		3.18	0.08	2.08	0.1	<0.02	<10	580	0.27	0.34	1.43	0.02	42.0	26.8	420	6.09
90087		3.88	0.01	1.83	0.3	<0.02	<10	570	0.24	0.06	0.98	0.01	27.2	22.8	494	3.75
90088		2.96	0.04	1.92	<0.1	<0.02	<10	410	0.31	0.10	1.90	0.02	38.5	23.3	338	4.22
90089		2.20	0.02	2.32	<0.1	<0.02	<10	530	0.42	0.10	2.13	0.03	68.5	29.0	386	11.80
90090		5.20	0.05	2.77	0.7	<0.02	<10	300	0.07	0.15	0.40	0.03	7.12	46.2	1085	8.51

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 3-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365685**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
90051		30.4	3.95	4.21	0.20	<0.02	<0.01	0.014	0.01	0.4	1.7	5.85	560	0.18	<0.01	0.07
90052		3.2	0.17	0.16	0.05	0.03	<0.01	<0.005	0.01	1.3	0.2	0.57	113	0.08	<0.01	0.14
90053		62.2	3.79	4.88	0.21	<0.02	<0.01	0.016	<0.01	1.7	3.8	5.30	565	0.12	<0.01	0.07
90054		51.1	3.96	4.90	0.21	<0.02	<0.01	0.017	<0.01	1.4	3.4	5.43	585	0.19	<0.01	0.06
90055		>10000	33.8	1.86	0.59	0.08	0.02	0.100	0.03	1.7	3.2	0.43	176	1.55	0.02	0.25
90056		52.0	3.99	4.35	0.21	<0.02	<0.01	0.014	<0.01	0.6	1.9	5.99	681	0.22	<0.01	0.07
90057		68.3	3.33	4.57	0.17	<0.02	<0.01	0.012	<0.01	0.5	1.4	4.61	474	0.16	<0.01	0.07
90058		66.6	3.77	8.68	0.18	<0.02	<0.01	0.010	1.58	0.2	23.2	5.30	207	7.28	0.01	0.07
90059		55.5	3.37	4.36	0.17	<0.02	<0.01	0.011	0.01	0.4	1.8	4.29	346	0.13	<0.01	0.06
90060		38.4	3.31	4.32	0.18	<0.02	<0.01	0.012	<0.01	0.7	1.6	4.76	470	0.09	<0.01	0.07
90061		75.1	3.33	5.03	0.18	<0.02	<0.01	0.013	<0.01	0.4	1.7	4.00	242	0.09	<0.01	0.07
90062		71.7	3.25	5.01	0.19	<0.02	<0.01	0.013	<0.01	0.3	1.6	3.93	236	0.18	<0.01	0.07
90063		52.9	3.45	8.04	0.20	<0.02	<0.01	0.005	2.12	0.2	33.0	4.87	181	2.71	0.01	0.07
90064		88.4	5.90	8.07	0.21	<0.02	<0.01	0.015	0.78	<0.2	16.5	6.04	244	0.22	0.01	0.07
90065		84.4	5.82	7.68	0.19	<0.02	<0.01	0.015	0.68	<0.2	15.0	5.85	236	0.25	0.01	0.07
90066		61.2	3.84	5.73	0.18	<0.02	<0.01	0.017	0.01	0.3	2.6	5.21	402	0.08	<0.01	0.07
90067		28.2	3.81	4.42	0.19	<0.02	<0.01	0.013	<0.01	0.6	1.5	6.10	592	0.17	<0.01	0.07
90068		22.2	3.04	4.61	0.16	<0.02	<0.01	0.013	<0.01	1.7	1.3	5.62	537	0.05	<0.01	0.06
90069		36.3	4.81	11.30	0.23	0.08	<0.01	0.017	2.99	15.8	79.1	5.91	733	0.15	0.03	0.09
90070		3.0	3.71	8.42	0.18	0.19	<0.01	0.014	1.57	19.1	74.6	3.62	639	0.07	0.17	0.09
90071		86.3	3.55	5.46	0.13	0.10	<0.01	0.011	1.25	15.3	49.1	3.37	393	0.05	0.10	0.09
90072		4.2	0.16	0.20	<0.05	<0.02	<0.01	<0.005	0.03	1.4	1.3	1.46	111	<0.05	<0.01	0.08
90073		52.3	4.27	9.62	0.15	0.03	<0.01	0.009	3.04	0.4	88.0	5.39	340	0.42	0.02	0.07
90074		7.1	3.78	9.74	0.11	0.04	0.01	0.006	2.63	1.3	69.2	4.86	346	0.07	0.02	0.08
90075		40.2	4.07	7.72	0.11	0.04	<0.01	0.006	1.94	2.0	53.8	5.22	362	<0.05	0.02	0.08
90076		52.8	3.13	5.94	0.08	0.02	<0.01	<0.005	0.80	0.9	30.9	4.06	260	0.14	0.01	0.08
90077		53.0	3.00	5.64	0.10	0.03	<0.01	0.007	0.43	3.8	17.2	4.06	266	0.05	0.01	0.08
90078		95.0	2.81	4.63	0.08	<0.02	<0.01	0.007	0.01	0.8	3.0	3.93	262	<0.05	<0.01	0.07
90079		22.7	2.94	5.81	0.13	0.11	<0.01	0.013	1.04	12.5	34.1	3.51	307	<0.05	0.13	0.08
90080		30.3	3.06	5.70	0.08	<0.02	<0.01	0.007	0.69	0.4	20.8	4.34	208	<0.05	0.01	0.07
90081		54.5	2.95	5.43	0.09	<0.02	<0.01	0.007	0.04	0.4	4.6	4.20	189	<0.05	0.01	0.07
90082		70.0	3.21	5.36	0.10	<0.02	<0.01	0.010	0.02	0.6	3.5	4.53	270	0.26	0.02	<0.05
90083		66.4	3.76	6.53	0.11	<0.02	<0.01	0.009	0.44	1.1	12.6	5.34	266	0.11	0.02	<0.05
90084		93.2	3.17	5.56	0.09	<0.02	<0.01	0.008	0.04	0.7	5.4	4.57	273	0.15	0.02	<0.05
90085		78.3	3.68	6.65	0.10	<0.02	<0.01	0.008	0.96	1.0	29.1	5.13	276	0.08	0.03	<0.05
90086		45.6	2.80	5.60	0.15	0.13	<0.01	0.014	1.23	19.4	52.5	3.10	294	0.21	0.17	0.09
90087		3.1	2.43	4.59	0.11	0.12	<0.01	0.007	1.03	13.0	49.8	2.89	284	<0.05	0.10	0.09
90088		30.0	2.78	5.77	0.16	0.26	<0.01	0.013	0.78	18.8	37.2	2.78	385	0.06	0.17	0.12
90089		5.3	3.37	6.64	0.19	0.25	<0.01	0.015	1.56	32.5	47.6	3.45	445	<0.05	0.18	0.09
90090		67.3	3.55	6.73	0.10	0.02	<0.01	0.007	1.15	3.0	34.6	4.89	287	<0.05	0.02	0.08

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 3-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365685**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
90051		882	80	1.3	0.3	<0.001	0.22	<0.05	9.5	0.3	<0.2	298	<0.01	0.08	<0.2	0.019
90052		6.1	70	0.4	0.3	<0.001	0.01	<0.05	0.5	0.4	<0.2	87.7	<0.01	<0.01	0.2	<0.005
90053		1075	270	1.0	0.4	<0.001	0.57	<0.05	5.0	0.4	<0.2	209	<0.01	0.11	0.3	0.018
90054		983	270	1.0	0.4	<0.001	0.39	<0.05	8.9	0.4	<0.2	171.5	<0.01	0.12	0.2	0.020
90055		>10000	70	39.7	1.5	0.045	>10.0	0.26	1.5	14.4	1.0	5.0	<0.01	1.04	0.5	0.041
90056		926	130	1.7	0.3	<0.001	0.28	<0.05	8.9	0.5	<0.2	415	<0.01	0.12	<0.2	0.017
90057		1030	140	1.0	0.2	0.001	0.61	<0.05	4.3	0.3	<0.2	194.5	<0.01	0.14	<0.2	0.020
90058		1085	70	6.9	81.9	0.005	0.59	<0.05	2.0	0.5	<0.2	9.1	<0.01	0.11	0.2	0.076
90059		1180	80	0.7	0.6	<0.001	0.88	<0.05	2.9	0.4	<0.2	132.5	<0.01	0.13	<0.2	0.019
90060		1045	40	0.8	0.3	<0.001	0.64	<0.05	4.1	<0.2	<0.2	214	<0.01	0.12	<0.2	0.015
90061		1195	80	0.5	0.2	<0.001	0.98	<0.05	2.6	0.3	<0.2	57.9	<0.01	0.14	<0.2	0.019
90062		1180	90	0.4	0.2	<0.001	0.96	<0.05	2.7	0.4	<0.2	59.4	<0.01	0.12	<0.2	0.017
90063		1020	110	7.8	108.5	0.002	0.47	<0.05	1.3	0.5	<0.2	8.0	<0.01	0.08	<0.2	0.102
90064		843	60	1.2	36.0	<0.001	1.48	<0.05	3.2	0.6	<0.2	12.4	<0.01	0.10	<0.2	0.066
90065		941	70	0.8	31.9	0.001	1.53	<0.05	2.8	0.6	<0.2	5.7	<0.01	0.14	<0.2	0.062
90066		1020	<10	0.7	0.6	<0.001	0.82	<0.05	3.2	0.5	<0.2	132.5	<0.01	0.08	<0.2	0.022
90067		888	70	1.7	0.2	<0.001	0.25	<0.05	10.6	0.2	<0.2	489	<0.01	0.11	<0.2	0.019
90068		926	20	1.8	0.2	<0.001	0.34	<0.05	7.5	0.2	<0.2	632	<0.01	0.11	<0.2	0.012
90069		676	2160	9.5	152.5	<0.001	0.31	<0.05	6.4	0.4	0.2	422	<0.01	0.06	2.3	0.178
90070		234	2100	3.9	94.1	<0.001	<0.01	<0.05	5.3	<0.2	0.3	252	<0.01	0.01	2.4	0.186
90071		402	3160	4.5	54.4	<0.001	0.33	<0.05	3.6	0.3	0.2	152.0	<0.01	0.05	1.4	0.125
90072		7.2	140	0.3	1.3	<0.001	0.01	0.11	0.6	0.3	<0.2	81.3	<0.01	0.01	<0.2	<0.005
90073		627	60	2.8	165.5	0.001	0.18	<0.05	1.9	0.2	<0.2	8.6	<0.01	0.05	<0.2	0.170
90074		529	80	1.5	140.0	<0.001	0.03	<0.05	1.9	<0.2	<0.2	10.6	<0.01	0.01	0.2	0.192
90075		694	220	1.3	104.5	<0.001	0.23	<0.05	3.3	0.3	<0.2	19.6	<0.01	0.03	0.4	0.163
90076		742	140	2.2	41.0	<0.001	0.30	<0.05	1.4	0.3	<0.2	12.6	<0.01	0.05	<0.2	0.093
90077		571	730	4.4	23.8	<0.001	0.20	<0.05	1.5	0.5	<0.2	81.8	<0.01	0.03	0.5	0.064
90078		792	110	0.3	0.8	<0.001	0.41	<0.05	1.5	0.3	<0.2	130.5	<0.01	0.04	<0.2	0.025
90079		358	740	2.4	53.6	<0.001	0.06	<0.05	4.6	0.5	0.2	109.5	<0.01	0.02	1.7	0.109
90080		656	120	7.3	31.5	<0.001	0.14	<0.05	1.5	0.2	<0.2	17.5	<0.01	0.03	<0.2	0.066
90081		627	140	0.5	2.8	0.001	0.17	<0.05	1.6	0.2	<0.2	31.3	<0.01	0.03	<0.2	0.031
90082		737	150	1.3	1.1	<0.001	0.28	0.09	1.6	0.3	<0.2	82.4	<0.01	0.04	<0.2	0.032
90083		729	250	0.9	20.9	<0.001	0.20	<0.05	1.9	0.5	<0.2	78.9	<0.01	0.02	0.2	0.061
90084		698	120	0.6	2.2	<0.001	0.24	<0.05	1.6	0.5	<0.2	89.3	<0.01	0.03	<0.2	0.037
90085		631	130	1.5	43.6	<0.001	0.18	<0.05	1.8	0.4	<0.2	73.1	<0.01	0.01	<0.2	0.091
90086		213	2020	2.5	62.2	<0.001	0.01	<0.05	6.0	0.2	0.2	147.0	<0.01	0.02	2.2	0.156
90087		299	1380	0.7	45.4	<0.001	0.01	<0.05	2.8	<0.2	<0.2	79.4	<0.01	<0.01	2.5	0.135
90088		199.5	1420	1.5	42.2	<0.001	0.01	<0.05	4.8	<0.2	0.2	203	<0.01	0.01	3.0	0.163
90089		203	1420	2.5	95.5	<0.001	0.01	<0.05	5.9	0.2	0.3	276	<0.01	0.01	4.3	0.155
90090		629	460	5.3	65.2	<0.001	0.12	<0.05	2.8	0.2	<0.2	55.7	<0.01	0.03	0.5	0.105

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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To: MINROC MANAGEMENT LTD.  
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Page: 2 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
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Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365685**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Cu-OG46	CRU-QC	PUL-QC
		TI	U	V	W	Y	Zn	Zr	Cu	Pass2mm	Pass75um
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
		0.02	0.05	1	0.05	0.05	2	0.5	0.001	0.01	0.01
90051		<0.02	<0.05	71	0.26	3.57	27	<0.5		86.1	90.4
90052		<0.02	0.18	1	<0.05	2.48	<2	0.8			
90053		<0.02	0.10	74	0.29	3.49	29	<0.5			90.8
90054		0.02	0.06	78	0.24	4.15	31	<0.5			
90055		0.08	0.10	19	3.91	1.38	67	2.9	1.385		
90056		<0.02	<0.05	71	0.34	4.30	26	<0.5			
90057		<0.02	<0.05	58	0.35	2.40	25	<0.5			
90058		0.65	0.05	70	0.12	0.71	42	<0.5			
90059		0.02	<0.05	58	0.37	1.75	23	<0.5			
90060		<0.02	<0.05	61	0.40	2.58	24	<0.5			
90061		0.02	<0.05	60	0.33	1.12	24	<0.5			
90062		<0.02	<0.05	58	0.32	1.11	22	<0.5			
90063		0.84	<0.05	59	0.11	0.56	39	<0.5			
90064		0.29	<0.05	117	0.11	0.99	39	<0.5			
90065		0.25	<0.05	113	0.09	0.76	38	<0.5			
90066		<0.02	<0.05	75	0.64	1.54	27	<0.5			
90067		<0.02	<0.05	66	0.18	4.23	25	<0.5		77.7	
90068		<0.02	<0.05	52	0.27	3.88	24	<0.5			
90069		1.20	0.99	107	0.21	9.81	95	3.6			
90070		0.74	0.49	68	0.16	6.36	99	6.8			
90071		0.39	0.36	68	0.16	4.89	62	2.9			
90072		<0.02	0.13	1	<0.05	2.08	4	<0.5			
90073		1.15	0.06	77	0.06	0.76	83	0.6			
90074		0.95	0.08	71	0.12	1.16	63	1.2			
90075		0.73	0.10	76	0.12	1.55	47	1.3			
90076		0.28	0.05	50	0.17	0.92	33	0.6			
90077		0.17	0.08	58	0.28	1.98	31	0.9			
90078		<0.02	<0.05	56	0.32	1.06	24	<0.5			
90079		0.37	0.45	63	0.26	3.15	36	3.6			
90080		0.21	<0.05	63	0.37	0.67	30	<0.5			
90081		0.02	<0.05	65	0.45	0.84	27	<0.5			
90082		<0.02	<0.05	66	0.57	1.16	30	<0.5			
90083		0.14	<0.05	83	0.42	1.00	37	<0.5			
90084		0.02	<0.05	66	0.44	1.00	30	<0.5			
90085		0.30	<0.05	73	0.20	1.08	37	<0.5			
90086		0.43	0.45	63	0.12	4.86	33	4.1			
90087		0.33	0.35	46	0.20	3.30	32	3.7			
90088		0.30	0.89	62	0.15	6.05	40	9.9			
90089		0.65	0.97	75	0.15	6.66	52	8.4			92.1
90090		0.42	0.11	68	0.11	1.77	40	0.8		79.0	91.3



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 OAKVILLE ON L6J 7J9

Page: 3 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 3-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365685**

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Recvd Wt. kg	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm
		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
90091		2.54	0.02	2.21	0.5	<0.02	<10	10	<0.05	0.13	0.48	0.01	0.92	51.5	1120	0.42
90092		2.27	0.02	2.19	0.5	<0.02	<10	<10	<0.05	0.09	0.35	0.01	0.78	53.3	1095	0.43
90093		3.89	0.02	2.20	0.9	<0.02	<10	90	<0.05	0.08	0.65	0.01	1.15	42.9	971	1.60
90094		4.26	0.10	2.75	0.4	<0.02	<10	650	0.20	0.15	0.63	0.03	7.44	40.4	839	11.00
90095		<0.02	0.09	2.85	0.5	<0.02	<10	650	0.20	0.13	0.66	0.03	7.22	39.1	862	10.50
90096		3.27	0.04	2.28	0.2	<0.02	<10	510	0.29	0.09	1.40	0.02	17.85	35.9	629	6.64
90097		4.80	0.03	3.79	0.2	<0.02	<10	1110	0.43	0.09	1.46	0.02	74.5	48.5	659	20.5
90098		5.48	0.08	2.54	0.9	<0.02	<10	340	0.09	0.20	0.38	0.02	4.22	47.1	1005	7.09
90099		4.61	0.08	2.38	1.3	<0.02	<10	180	0.06	0.21	0.37	0.02	7.74	50.2	993	4.47
90100		5.16	0.07	3.39	0.9	<0.02	<10	1020	0.20	0.12	0.45	0.01	15.60	58.4	966	19.00



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Page: 3 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 3-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365685**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
90091		105.5	2.91	5.24	0.09	<0.02	<0.01	0.009	0.01	0.5	4.2	4.11	204	<0.05	0.01	0.08
90092		108.0	3.00	5.36	0.08	<0.02	<0.01	0.008	0.01	0.4	4.3	4.04	196	0.05	0.01	0.07
90093		63.2	2.76	5.16	0.07	<0.02	<0.01	0.007	0.29	0.7	14.0	3.89	239	0.05	0.01	0.06
90094		77.1	3.58	6.88	0.10	0.06	<0.01	0.009	2.24	3.0	67.2	4.35	334	<0.05	0.08	0.08
90095		72.0	3.71	6.71	0.11	0.06	<0.01	0.010	2.29	3.0	69.2	4.50	346	<0.05	0.09	0.08
90096		67.1	3.16	5.67	0.14	0.12	<0.01	0.013	1.05	8.3	31.5	3.42	364	0.06	0.15	0.08
90097		26.9	5.14	9.80	0.20	0.14	<0.01	0.017	3.32	35.5	77.9	5.97	436	<0.05	0.07	0.09
90098		82.6	3.24	6.44	0.09	0.02	<0.01	0.005	1.25	2.4	33.1	4.50	245	0.05	0.02	0.07
90099		130.5	3.08	6.16	0.10	0.04	<0.01	0.006	0.59	3.7	22.8	4.23	238	<0.05	0.02	0.08
90100		105.0	4.38	9.22	0.14	0.03	<0.01	<0.005	3.18	8.4	65.6	6.09	330	0.05	0.03	0.08

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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Page: 3 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 3-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

<b>CERTIFICATE OF ANALYSIS SD22365685</b>
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Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
90091		754	110	0.2	1.0	<0.001	0.31	<0.05	1.6	0.4	<0.2	64.8	<0.01	0.07	<0.2	0.026
90092		749	100	0.2	1.0	<0.001	0.33	<0.05	1.6	0.3	<0.2	42.8	<0.01	0.03	<0.2	0.025
90093		611	120	0.9	13.6	<0.001	0.18	<0.05	1.4	0.2	<0.2	79.1	<0.01	0.04	<0.2	0.049
90094		475	360	6.2	105.0	<0.001	0.03	<0.05	3.1	<0.2	<0.2	58.5	<0.01	0.03	0.6	0.170
90095		484	360	5.5	100.0	<0.001	0.03	<0.05	3.2	0.3	<0.2	56.9	<0.01	0.02	0.6	0.174
90096		433	880	2.6	54.6	<0.001	0.12	<0.05	6.0	0.3	<0.2	139.0	<0.01	0.03	1.1	0.130
90097		399	1960	6.4	174.5	<0.001	0.05	<0.05	10.0	0.3	0.2	226	<0.01	0.01	4.1	0.229
90098		692	180	12.7	58.0	<0.001	0.24	<0.05	1.6	0.3	<0.2	47.9	<0.01	0.03	0.4	0.096
90099		693	150	8.3	32.1	<0.001	0.32	<0.05	1.7	0.6	<0.2	40.2	<0.01	0.04	0.5	0.069
90100		689	540	5.9	161.5	<0.001	0.21	<0.05	5.3	0.2	<0.2	72.0	<0.01	0.04	1.5	0.201

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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Page: 3 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 3-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365685**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Cu-OG46	CRU-QC	PUL-QC
		Tl ppm 0.02	U ppm 0.05	V ppm 1	W ppm 0.05	Y ppm 0.05	Zn ppm 2	Zr ppm 0.5	Cu % 0.001	Pass2mm % 0.01	Pass75um % 0.01
90091		0.02	<0.05	64	0.23	0.94	24	<0.5			
90092		0.02	<0.05	67	0.27	0.86	24	<0.5			
90093		0.10	<0.05	56	0.25	1.09	25	<0.5			
90094		0.71	0.17	74	0.10	2.21	43	1.7			
90095		0.68	0.16	76	0.11	2.18	43	1.6			
90096		0.36	0.43	75	0.22	3.82	34	2.8			
90097		1.14	0.51	119	0.12	8.45	58	3.8			
90098		0.42	0.14	55	0.10	0.85	32	0.6			
90099		0.23	0.13	52	0.17	1.07	32	1.2			
90100		1.04	0.23	85	0.08	1.74	42	1.3			

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Page: Appendix 1  
 Total # Appendix Pages: 1  
 Finalized Date: 3-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365685**

	<b>CERTIFICATE COMMENTS</b>															
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).            ME-MS41</p>															
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-22</td> <td style="width: 15%;"></td> <td style="width: 15%;">LOG-22d</td> </tr> <tr> <td>LOG-24</td> <td>PUL-31</td> <td>PUL-31d</td> <td></td> <td>PUL-QC</td> </tr> <tr> <td>SPL-21</td> <td>SPL-21d</td> <td>WEI-21</td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-22		LOG-22d	LOG-24	PUL-31	PUL-31d		PUL-QC	SPL-21	SPL-21d	WEI-21		
CRU-31	CRU-QC	LOG-22		LOG-22d												
LOG-24	PUL-31	PUL-31d		PUL-QC												
SPL-21	SPL-21d	WEI-21														
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Cu-OG46</td> <td style="width: 33%;">ME-MS41</td> <td style="width: 33%;">ME-OG46</td> <td></td> </tr> </table>	Cu-OG46	ME-MS41	ME-OG46												
Cu-OG46	ME-MS41	ME-OG46														



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Page: 1  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 This copy reported on 6-FEB-2023  
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**SD22365698**

Project: LAL-VIC 2022 DDH  
 P.O. No.: BATCH 28  
 This report is for 50 samples of 1/2 Core submitted to our lab in Sudbury, ON,  
 Canada on 19-DEC-2022.

The following have access to data associated with this certificate:

SAHIL ALURKAR  
 FRANCIS NEWTON

FRANCIS NEWTON  
 BRIAN NEWTON

BRIAN NEWTON  
 ACCESS WEBTRIEVE

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS41	Ultra Trace Aqua Regia ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**

Saa Traxler, Director, North Vancouver Operations



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Page: 2 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365698**

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Units		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
LOD		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
90301		5.99	0.03	1.62	0.3	<0.02	<10	10	<0.05	0.14	2.96	0.06	2.59	44.7	1040	0.38
90302		0.64	<0.01	0.03	0.1	<0.02	<10	10	<0.05	0.01	>25.0	0.01	0.88	1.5	11	<0.05
90303		5.10	0.03	1.49	0.1	<0.02	<10	10	<0.05	0.21	2.94	0.05	2.55	51.5	971	0.21
90304		5.83	0.03	2.02	0.3	<0.02	<10	40	0.05	0.84	1.15	0.03	6.60	49.1	1085	6.88
90305		5.15	0.02	1.65	0.1	<0.02	<10	10	<0.05	0.26	3.47	0.05	1.57	52.3	1195	0.46
90306		5.13	0.04	1.65	1.3	<0.02	<10	10	<0.05	0.57	2.80	0.07	1.81	54.7	1085	0.53
90307		5.10	0.11	2.52	0.1	<0.02	<10	<10	<0.05	0.50	1.53	0.08	9.52	63.2	1460	0.51
90308		4.71	0.02	1.59	0.1	<0.02	<10	10	<0.05	0.31	3.20	0.05	1.70	56.0	1090	0.31
90309		5.38	0.02	1.59	<0.1	<0.02	<10	<10	<0.05	0.35	3.16	0.06	1.42	51.6	1130	0.31
90310		4.59	0.02	1.90	0.2	<0.02	<10	<10	<0.05	0.31	2.21	0.04	1.00	52.3	1350	0.41
90311		5.36	0.04	2.65	0.2	<0.02	<10	430	0.31	0.27	1.71	0.03	11.75	48.8	1005	14.80
90312		<0.02	0.04	2.62	0.4	<0.02	<10	430	0.32	0.36	1.91	0.03	13.10	49.0	973	15.20
90313		5.07	0.04	3.64	0.4	<0.02	<10	980	0.39	0.13	1.69	0.03	15.40	49.5	1080	24.3
90314		2.17	0.02	2.96	0.7	<0.02	<10	80	<0.05	0.09	0.27	0.01	0.53	56.7	1460	2.13
90315		2.19	0.02	2.88	0.5	<0.02	<10	80	<0.05	0.08	0.49	0.01	0.65	54.5	1435	2.14
90316		5.53	0.05	3.07	0.3	<0.02	<10	260	<0.05	0.16	0.50	0.01	1.01	56.7	1285	6.14
90317		4.31	0.02	3.06	0.7	<0.02	<10	170	<0.05	0.11	0.73	0.01	0.99	56.2	1310	3.19
90318		5.19	0.03	3.48	0.4	<0.02	<10	760	0.22	0.11	1.09	0.01	16.50	49.0	1040	16.00
90319		4.82	0.02	2.61	0.6	<0.02	<10	40	<0.05	0.11	0.67	0.01	1.26	49.0	1180	1.34
90320		4.93	0.04	3.20	0.5	<0.02	<10	370	0.06	0.15	0.66	0.02	11.70	54.8	1185	11.85
90321		5.41	0.02	4.01	0.2	<0.02	<10	2330	0.91	0.23	2.51	0.04	69.2	50.5	725	31.3
90322		0.68	<0.01	0.05	0.1	<0.02	10	30	<0.05	0.01	>25.0	0.01	1.13	1.3	9	0.13
90323		2.57	0.02	1.64	0.5	<0.02	<10	30	<0.05	0.22	4.75	0.06	4.31	53.9	1080	0.55
90324		6.25	0.02	1.70	0.6	<0.02	<10	20	<0.05	0.19	3.44	0.05	2.26	52.8	1120	0.63
90325		5.22	0.06	3.84	0.3	<0.02	<10	690	0.17	0.22	0.24	0.01	7.94	62.7	1425	26.7
90326		4.83	0.02	2.55	0.5	<0.02	<10	970	0.32	0.08	1.04	0.02	26.1	36.8	927	11.20
90327		5.81	0.02	2.81	0.4	<0.02	<10	1110	0.29	0.07	0.99	0.02	22.3	37.7	933	11.55
90328		4.84	0.04	3.17	0.6	<0.02	<10	540	0.06	0.12	0.19	0.01	1.30	52.3	1300	10.20
90329		4.81	0.01	3.22	0.8	<0.02	<10	200	<0.05	0.07	0.20	0.01	0.71	57.6	1455	3.97
90330		5.00	0.02	2.45	0.7	<0.02	<10	10	<0.05	0.09	0.24	0.01	0.31	52.0	1435	0.38
90331		5.39	0.04	3.02	0.7	<0.02	<10	210	<0.05	0.18	0.21	0.01	1.19	53.5	1340	5.66
90332		4.85	0.02	2.71	0.8	<0.02	<10	10	<0.05	0.08	0.56	0.01	0.83	51.3	1220	0.77
90333		4.75	0.02	2.88	0.9	<0.02	<10	10	<0.05	0.09	0.39	0.01	0.75	57.2	1305	0.70
90334		4.82	0.03	2.66	0.7	<0.02	<10	30	<0.05	0.10	0.21	0.02	0.64	49.0	1150	1.33
90335		5.09	0.04	3.17	0.8	<0.02	<10	710	0.14	0.15	0.58	0.02	19.50	49.1	925	10.50
90336		3.95	0.14	2.87	0.2	<0.02	<10	340	0.20	0.24	0.18	0.18	36.3	29.1	172	3.51
90337		5.02	0.11	2.96	<0.1	<0.02	<10	390	0.20	0.31	0.16	0.09	34.6	26.9	172	4.54
90338		4.24	0.11	2.65	0.1	<0.02	<10	240	0.25	0.43	0.24	0.38	35.1	31.3	164	3.68
90339		5.50	0.11	2.69	<0.1	<0.02	<10	130	0.36	0.65	0.27	0.18	34.1	32.2	158	3.31
90340		3.74	0.10	2.83	0.1	<0.02	<10	210	0.37	0.39	0.24	0.10	34.6	34.1	181	5.39



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365698**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
90301		64.4	3.15	4.07	0.09	<0.02	<0.01	0.014	<0.01	1.1	3.2	5.08	590	0.06	0.01	<0.05
90302		5.0	0.16	0.08	<0.05	<0.02	<0.01	<0.005	<0.01	1.1	0.3	0.77	89	0.17	0.01	<0.05
90303		64.4	2.89	4.50	0.12	<0.02	<0.01	0.012	<0.01	1.2	2.4	4.72	546	0.14	0.01	<0.05
90304		36.7	3.14	5.59	0.11	<0.02	<0.01	0.012	0.28	3.1	9.4	5.11	311	0.13	0.02	<0.05
90305		30.4	3.49	4.08	0.11	<0.02	<0.01	0.014	<0.01	0.6	3.8	5.77	791	<0.05	0.01	<0.05
90306		54.7	3.22	4.36	0.10	<0.02	<0.01	0.012	<0.01	0.7	3.9	5.01	603	0.10	0.01	<0.05
90307		97.3	4.88	6.64	0.15	0.02	<0.01	0.019	<0.01	3.4	3.3	6.11	311	0.08	0.01	<0.05
90308		50.8	3.24	3.95	0.10	<0.02	<0.01	0.013	<0.01	0.7	2.4	5.29	616	0.08	0.01	<0.05
90309		50.3	3.44	3.86	0.10	<0.02	<0.01	0.013	<0.01	0.6	2.5	5.39	617	0.21	0.01	<0.05
90310		44.5	3.60	4.37	0.11	<0.02	<0.01	0.015	<0.01	0.5	3.1	5.41	518	0.06	0.01	<0.05
90311		31.0	3.85	7.18	0.11	0.07	<0.01	0.013	1.64	5.5	30.3	5.48	416	0.05	0.06	<0.05
90312		31.1	3.83	6.93	0.11	0.08	<0.01	0.014	1.64	6.2	30.5	5.40	433	0.08	0.06	<0.05
90313		14.2	4.77	8.68	0.13	0.10	<0.01	0.017	3.33	7.7	63.4	5.96	539	<0.05	0.09	<0.05
90314		66.9	3.88	6.83	0.07	<0.02	<0.01	0.011	0.28	0.3	10.3	5.40	275	0.09	0.02	<0.05
90315		68.9	3.87	6.64	0.09	<0.02	<0.01	0.010	0.29	0.4	10.1	5.27	294	0.05	0.02	<0.05
90316		63.2	3.94	7.21	0.08	<0.02	<0.01	0.008	0.88	0.6	16.5	5.45	323	0.06	0.03	<0.05
90317		55.1	4.01	7.18	0.08	<0.02	<0.01	0.009	0.55	0.6	11.0	5.60	334	0.11	0.02	<0.05
90318		27.5	4.41	8.14	0.11	0.05	<0.01	0.015	2.23	8.1	45.2	5.84	407	0.10	0.05	<0.05
90319		56.6	3.27	6.17	0.07	<0.02	<0.01	0.009	0.14	0.7	6.8	4.90	299	0.05	0.02	<0.05
90320		66.6	4.05	7.75	0.10	<0.02	<0.01	0.009	1.33	5.8	25.8	5.90	333	0.07	0.04	<0.05
90321		13.8	6.21	10.30	0.20	0.21	<0.01	0.038	2.85	32.4	80.1	6.05	679	0.11	0.07	<0.05
90322		1.6	0.12	0.13	<0.05	<0.02	<0.01	<0.005	0.02	1.3	0.9	0.72	93	<0.05	0.01	<0.05
90323		57.3	3.46	4.41	0.08	<0.02	<0.01	0.007	0.01	2.6	3.8	5.03	871	0.14	0.02	<0.05
90324		77.5	3.16	4.38	0.09	<0.02	<0.01	0.009	0.03	1.4	3.2	4.78	634	0.05	0.02	<0.05
90325		70.9	5.19	8.75	0.13	<0.02	<0.01	0.009	3.10	3.1	45.3	7.32	280	0.11	0.04	<0.05
90326		6.2	3.28	5.81	0.12	0.10	<0.01	0.009	1.97	13.1	50.8	4.03	346	0.05	0.18	<0.05
90327		3.3	3.58	7.04	0.11	0.15	<0.01	0.011	2.12	10.5	60.2	4.42	386	0.05	0.16	<0.05
90328		72.5	4.09	7.24	0.09	0.02	<0.01	0.007	1.90	0.7	41.0	5.44	318	0.12	0.04	<0.05
90329		57.3	4.21	7.09	0.09	<0.02	<0.01	0.009	0.72	0.4	19.6	5.61	296	<0.05	0.03	<0.05
90330		69.4	3.32	5.61	0.08	<0.02	<0.01	0.009	0.01	0.2	3.8	4.59	218	<0.05	0.02	<0.05
90331		70.7	3.77	6.84	0.07	<0.02	<0.01	0.009	0.80	0.6	20.1	5.44	272	0.08	0.03	<0.05
90332		92.3	3.38	6.39	0.08	<0.02	<0.01	0.009	0.03	0.5	5.7	4.95	279	0.06	0.02	<0.05
90333		100.0	3.61	6.53	0.07	<0.02	<0.01	0.009	0.03	0.4	5.3	5.25	266	0.05	0.02	<0.05
90334		80.8	3.13	6.06	0.08	<0.02	<0.01	0.007	0.10	0.3	8.9	4.76	237	0.13	0.02	<0.05
90335		17.9	3.84	8.15	0.12	0.05	0.01	0.011	1.97	9.6	52.7	5.01	339	0.49	0.09	<0.05
90336		61.4	4.26	12.10	0.13	0.16	0.01	0.050	1.61	17.5	44.9	1.98	454	2.65	0.06	0.12
90337		54.1	4.38	13.35	0.14	0.17	<0.01	0.054	1.79	16.8	41.9	2.00	440	1.86	0.08	0.12
90338		79.7	4.34	14.10	0.14	0.18	<0.01	0.088	1.27	17.6	51.7	1.99	464	4.49	0.04	0.10
90339		71.9	4.88	13.95	0.11	0.25	<0.01	0.061	0.94	16.7	57.9	2.15	478	3.98	0.04	0.10
90340		66.3	4.80	16.40	0.15	0.22	<0.01	0.057	1.44	16.9	53.0	2.23	550	8.99	0.04	0.24



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To: MINROC MANAGEMENT LTD.  
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Page: 2 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
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Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365698**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
90301		742	110	2.7	0.4	0.001	0.22	<0.05	3.1	0.3	<0.2	330	<0.01	0.02	0.2	0.013
90302		5.8	60	0.2	0.1	<0.001	0.03	<0.05	0.3	0.7	<0.2	76.0	<0.01	<0.01	<0.2	<0.005
90303		814	80	3.4	0.2	<0.001	0.28	<0.05	2.7	0.3	<0.2	343	<0.01	0.04	<0.2	0.017
90304		699	270	2.8	17.8	<0.001	0.14	<0.05	3.4	0.2	<0.2	134.5	<0.01	0.03	0.4	0.019
90305		811	50	1.9	0.4	<0.001	0.27	<0.05	6.2	0.2	<0.2	457	<0.01	0.03	<0.2	0.013
90306		845	50	3.0	0.5	<0.001	0.23	<0.05	4.2	0.3	<0.2	336	<0.01	0.04	<0.2	0.009
90307		755	710	14.2	0.4	<0.001	0.30	<0.05	7.5	0.2	<0.2	196.0	<0.01	0.03	0.5	0.028
90308		900	40	2.1	0.3	<0.001	0.35	<0.05	3.1	0.4	<0.2	446	<0.01	0.04	<0.2	0.012
90309		794	50	1.8	0.3	<0.001	0.29	<0.05	4.3	0.5	<0.2	437	<0.01	0.03	<0.2	0.013
90310		800	90	1.8	0.3	<0.001	0.37	<0.05	4.4	0.2	<0.2	288	<0.01	0.05	<0.2	0.015
90311		609	530	5.5	87.9	<0.001	0.19	<0.05	4.1	0.2	0.2	180.0	<0.01	0.03	0.8	0.096
90312		616	560	5.7	89.7	<0.001	0.21	<0.05	4.2	0.3	0.2	197.5	<0.01	0.02	0.9	0.097
90313		471	330	4.6	167.5	<0.001	0.01	<0.05	6.5	<0.2	0.2	141.0	<0.01	0.01	1.1	0.178
90314		705	120	0.2	13.0	<0.001	0.21	<0.05	1.9	0.3	<0.2	22.9	<0.01	0.02	<0.2	0.043
90315		662	100	0.3	13.4	<0.001	0.20	<0.05	1.8	0.3	<0.2	47.0	<0.01	0.02	<0.2	0.044
90316		696	130	5.5	40.5	<0.001	0.13	<0.05	1.9	0.3	<0.2	49.2	<0.01	0.01	<0.2	0.074
90317		697	150	1.0	24.0	<0.001	0.20	<0.05	2.3	0.3	<0.2	81.2	<0.01	0.02	<0.2	0.065
90318		549	530	4.2	108.0	<0.001	0.07	<0.05	5.5	0.2	0.2	112.5	<0.01	0.01	1.2	0.142
90319		684	110	1.1	6.4	<0.001	0.22	<0.05	1.6	<0.2	<0.2	69.6	<0.01	0.01	<0.2	0.038
90320		698	350	4.4	69.0	<0.001	0.16	<0.05	3.6	0.3	<0.2	70.1	<0.01	0.02	0.6	0.102
90321		434	2320	5.2	171.5	<0.001	0.02	<0.05	16.6	<0.2	0.6	277	<0.01	0.01	4.8	0.221
90322		5.5	70	0.2	0.9	<0.001	0.01	<0.05	0.4	0.7	<0.2	82.0	<0.01	<0.01	<0.2	<0.005
90323		887	60	2.1	0.8	<0.001	0.50	<0.05	2.5	0.5	<0.2	438	<0.01	0.04	<0.2	0.017
90324		868	50	1.9	1.4	0.001	0.34	<0.05	2.1	0.4	<0.2	306	<0.01	0.05	<0.2	0.019
90325		615	560	3.9	141.5	0.001	0.03	<0.05	4.5	0.2	<0.2	25.4	<0.01	0.01	0.3	0.149
90326		349	680	4.8	83.8	<0.001	0.01	<0.05	4.3	<0.2	0.2	84.7	<0.01	0.01	1.2	0.151
90327		364	380	5.1	90.0	<0.001	0.02	<0.05	4.7	<0.2	0.2	115.5	<0.01	<0.01	1.7	0.164
90328		580	110	4.6	80.6	<0.001	0.10	<0.05	2.0	0.2	<0.2	13.1	<0.01	0.01	0.2	0.125
90329		631	130	1.0	31.6	<0.001	0.12	<0.05	1.9	0.2	<0.2	14.6	<0.01	0.01	<0.2	0.075
90330		680	60	<0.2	0.8	<0.001	0.22	<0.05	1.7	0.4	<0.2	27.9	<0.01	0.02	<0.2	0.026
90331		690	150	6.4	36.6	<0.001	0.09	<0.05	2.3	0.2	<0.2	16.4	<0.01	0.02	<0.2	0.077
90332		688	120	0.3	1.7	<0.001	0.24	<0.05	1.6	0.3	<0.2	69.3	<0.01	0.03	<0.2	0.035
90333		801	120	0.2	1.6	<0.001	0.28	<0.05	1.8	0.2	<0.2	56.6	<0.01	0.03	<0.2	0.041
90334		652	110	2.0	5.0	<0.001	0.16	<0.05	1.4	0.3	<0.2	21.2	<0.01	0.02	<0.2	0.044
90335		500	430	7.1	92.3	<0.001	0.01	0.13	5.3	0.2	<0.2	86.0	<0.01	0.01	1.3	0.162
90336		127.5	530	9.5	77.3	0.002	0.29	0.07	15.6	0.4	0.9	5.3	<0.01	0.06	5.4	0.259
90337		107.0	500	3.6	86.4	0.001	0.31	<0.05	16.4	0.4	1.0	5.6	<0.01	0.05	5.1	0.269
90338		125.5	600	4.2	64.5	0.003	0.56	<0.05	15.6	0.6	1.0	5.6	<0.01	0.08	5.7	0.252
90339		132.0	480	4.5	49.1	0.003	0.70	<0.05	13.0	0.8	0.8	6.0	<0.01	0.11	6.2	0.247
90340		148.0	540	4.4	75.0	0.007	0.57	<0.05	16.7	0.5	0.9	6.3	<0.01	0.06	7.6	0.304

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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To: MINROC MANAGEMENT LTD.  
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Page: 2 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
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Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	CRU-QC	PUL-QC
		TI	U	V	W	Y	Zn	Zr	Pass2mm	Pass75um
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.02	0.05	1	0.05	0.05	2	0.5	0.01	0.01
90301		<0.02	0.05	65	0.14	3.09	23	<0.5	78.1	89.3
90302		<0.02	0.12	1	0.05	2.25	<2	<0.5		89.7
90303		<0.02	0.05	52	0.17	2.66	22	<0.5		
90304		0.14	0.08	61	0.13	2.71	28	<0.5		
90305		<0.02	<0.05	59	0.14	3.96	24	<0.5		
90306		<0.02	<0.05	66	0.43	4.00	24	<0.5		
90307		<0.02	0.18	120	0.24	7.52	32	0.8		
90308		<0.02	0.05	45	0.29	3.30	24	<0.5		
90309		<0.02	<0.05	46	0.48	3.47	24	<0.5		
90310		<0.02	<0.05	69	0.17	2.72	26	<0.5		
90311		0.68	0.24	77	0.10	3.80	43	2.2		
90312		0.68	0.31	77	0.13	3.98	43	2.4		
90313		1.25	0.24	100	0.13	4.08	53	2.9		
90314		0.10	<0.05	84	0.27	0.89	31	<0.5		
90315		0.10	<0.05	84	0.32	1.02	30	<0.5		
90316		0.31	<0.05	84	0.26	1.43	34	<0.5		
90317		0.19	<0.05	90	0.20	1.38	34	<0.5		
90318		0.81	0.24	98	0.15	3.65	45	1.6		
90319		0.06	0.05	67	0.18	1.10	29	<0.5		
90320		0.51	0.10	83	0.11	2.36	39	0.8		
90321		1.30	1.08	151	0.27	13.85	67	6.6		
90322		<0.02	0.21	1	<0.05	2.39	<2	<0.5		
90323		0.05	<0.05	56	0.07	3.59	26	<0.5		
90324		0.03	<0.05	55	0.19	2.82	25	<0.5		
90325		1.05	0.08	108	<0.05	2.83	41	0.5		
90326		0.64	0.27	63	<0.05	2.85	36	3.3		
90327		0.68	0.38	68	0.08	4.98	44	4.7		
90328		0.62	0.06	82	0.29	0.86	37	0.5		
90329		0.22	<0.05	92	0.32	1.02	34	<0.5		
90330		<0.02	<0.05	76	0.24	0.63	24	<0.5		
90331		0.29	<0.05	80	0.20	1.02	34	<0.5		
90332		<0.02	<0.05	76	0.61	1.14	30	<0.5		
90333		<0.02	<0.05	78	0.73	1.14	31	<0.5		
90334		0.04	<0.05	66	0.38	0.91	29	<0.5		
90335		0.67	0.31	74	0.26	2.74	45	1.6		
90336		0.51	1.36	101	0.09	6.73	252	6.9		
90337		0.60	1.30	105	0.07	5.74	141	6.9		
90338		0.56	1.40	104	0.08	8.86	322	8.2		
90339		0.47	1.50	101	0.09	10.65	210	10.6	90.4	
90340		0.80	1.63	119	0.13	11.55	259	9.5	64.1	88.8



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 3 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

<b>CERTIFICATE OF ANALYSIS SD22365698</b>
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Sample Description	WEI-21 Recvd Wt. kg	ME-MS41 Ag ppm	ME-MS41 Al %	ME-MS41 As ppm	ME-MS41 Au ppm	ME-MS41 B ppm	ME-MS41 Ba ppm	ME-MS41 Be ppm	ME-MS41 Bi ppm	ME-MS41 Ca %	ME-MS41 Cd ppm	ME-MS41 Ce ppm	ME-MS41 Co ppm	ME-MS41 Cr ppm	ME-MS41 Cs ppm
	Method Analyte Units LOD														
	0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
90341	1.41	0.15	2.53	<0.1	<0.02	<10	120	0.39	0.30	0.25	0.09	40.5	32.4	188	6.42
90342	1.23	0.14	2.39	<0.1	<0.02	<10	150	0.36	0.28	0.25	0.08	34.9	30.4	203	5.80
90343	2.80	0.37	1.40	0.6	<0.02	<10	160	0.47	0.82	0.29	0.21	40.4	30.2	192	1.76
90344	2.53	0.71	0.41	0.1	<0.02	<10	10	0.41	1.11	0.46	9.20	49.8	81.6	57	0.13
90345	<0.02	0.69	0.46	0.2	<0.02	<10	10	0.44	1.10	0.49	9.47	50.3	78.1	52	0.14
90346	3.04	0.26	0.70	<0.1	<0.02	<10	30	0.28	0.61	0.81	2.00	41.6	43.4	100	0.25
90347	2.82	0.15	0.77	0.3	<0.02	<10	30	0.72	0.18	0.99	0.21	34.2	23.2	119	0.40
90348	1.30	0.04	0.23	0.2	<0.02	<10	10	0.65	0.06	0.35	0.01	5.20	1.1	7	0.12
90349	3.53	0.91	0.73	<0.1	<0.02	<10	60	0.39	2.55	0.78	3.69	49.7	97.8	216	1.88
90350	3.26	0.69	0.23	0.2	<0.02	<10	40	0.13	1.85	1.71	8.43	28.1	141.0	190	0.34

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 3 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365698**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
90341		110.0	5.16	15.70	0.18	0.36	<0.01	0.075	1.63	19.4	40.9	2.50	598	24.4	0.06	0.31
90342		108.0	4.90	13.70	0.17	0.30	0.01	0.067	1.54	17.3	39.2	2.38	569	21.9	0.05	0.24
90343		154.0	4.44	8.95	0.11	0.48	0.01	0.039	0.44	19.7	28.1	1.59	380	14.55	0.07	0.12
90344		658	6.06	2.65	0.11	0.79	0.02	0.978	0.03	23.6	5.0	0.42	134	33.4	0.06	0.41
90345		647	5.81	2.87	0.11	0.86	0.03	0.982	0.03	23.6	5.4	0.45	133	38.0	0.07	0.44
90346		220	4.24	3.92	0.15	0.30	<0.01	0.225	0.04	19.5	14.1	0.88	269	15.65	0.06	0.10
90347		109.0	2.60	3.72	0.15	0.24	<0.01	0.048	0.06	16.2	13.3	0.99	320	1.30	0.07	0.08
90348		5.7	0.84	0.66	<0.05	<0.02	<0.01	0.006	0.03	2.5	2.3	0.12	113	32.2	0.09	<0.05
90349		471	6.44	3.25	0.13	0.45	0.01	0.440	0.33	24.2	11.2	0.97	390	32.1	0.06	0.17
90350		551	6.95	1.26	0.10	0.32	0.01	1.520	0.04	14.6	4.1	0.28	394	60.3	0.05	0.39

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*





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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 3 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS	SD22365698
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Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005	
90341	128.0	600	5.0	87.8	0.030	1.36	<0.05	22.0	0.9	0.9	10.4	<0.01	0.07	6.3	0.351	
90342	127.5	620	4.4	79.8	0.027	1.24	<0.05	20.4	0.6	0.8	9.3	<0.01	0.07	5.8	0.328	
90343	124.0	480	19.3	26.3	0.010	1.92	<0.05	16.1	1.0	0.5	15.9	<0.01	0.06	6.7	0.196	
90344	278	740	17.2	1.4	0.027	3.83	<0.05	4.6	3.7	1.2	25.2	<0.01	0.13	8.0	0.109	
90345	261	780	17.2	1.6	0.028	3.76	<0.05	4.9	3.8	1.3	29.2	<0.01	0.11	8.2	0.118	
90346	105.0	1350	7.1	2.0	0.010	1.84	<0.05	5.6	2.1	1.0	19.9	<0.01	0.06	4.7	0.126	
90347	65.0	1350	7.2	2.6	0.001	0.51	0.22	6.3	0.4	1.2	24.7	<0.01	0.02	3.9	0.128	
90348	5.1	40	14.3	1.7	0.032	0.03	<0.05	0.4	<0.2	<0.2	52.7	<0.01	0.01	<0.2	<0.005	
90349	890	1230	46.4	19.4	0.021	3.63	<0.05	3.4	3.2	2.4	21.8	<0.01	0.17	3.9	0.143	
90350	1535	580	22.7	2.6	0.031	3.98	<0.05	2.7	4.6	2.4	33.9	<0.01	0.20	2.7	0.090	

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Page: 3 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS	SD22365698
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Sample Description	Method Analyte Units LOD	ME-MS41 TI ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
90341		1.21	1.86	153	0.10	11.80	247	15.3		95.8
90342		1.03	1.44	145	0.09	11.00	224	13.3		94.0
90343		0.41	1.56	122	0.12	8.83	171	19.0		
90344		0.03	1.82	41	0.07	8.80	4090	30.4		
90345		0.03	1.90	44	0.08	9.76	4080	31.4		
90346		0.04	1.10	48	0.07	7.30	925	12.2		
90347		0.04	0.77	52	0.06	7.64	153	9.1		
90348		0.02	<0.05	3	<0.05	0.48	47	<0.5		
90349		0.39	0.93	40	0.06	7.87	1295	17.7		
90350		0.13	1.21	21	0.10	6.80	3950	11.6		



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Page: Appendix 1  
 Total # Appendix Pages: 1  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365698**

	<b>CERTIFICATE COMMENTS</b>												
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).            ME-MS41</p>												
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21d</td> <td style="width: 15%;">LOG-22</td> </tr> <tr> <td>PUL-31</td> <td>PUL-31d</td> <td>PUL-QC</td> <td>SPL-21</td> </tr> <tr> <td>SPL-21d</td> <td>WEI-21</td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-21d	LOG-22	PUL-31	PUL-31d	PUL-QC	SPL-21	SPL-21d	WEI-21		
CRU-31	CRU-QC	LOG-21d	LOG-22										
PUL-31	PUL-31d	PUL-QC	SPL-21										
SPL-21d	WEI-21												
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.            ME-MS41</p>												



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**2857 SHERWOOD HEIGHTS DRIVE, UNIT 2**  
**OAKVILLE ON L6J 7J9**

Page: 1  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 This copy reported on 6-FEB-2023  
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**SD22365699**

Project: LAL-VIC 2022 DDH  
 P.O. No.: BATCH 29  
 This report is for 50 samples of 1/2 Core submitted to our lab in Sudbury, ON,  
 Canada on 19-DEC-2022.

The following have access to data associated with this certificate:

SAHIL ALURKAR  
 FRANCIS NEWTON

FRANCIS NEWTON  
 BRIAN NEWTON

BRIAN NEWTON  
 ACCESS WEBTRIEVE

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21d	Sample logging - ClientBarCode Dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

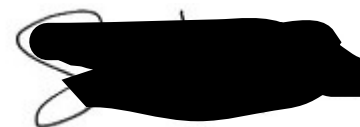
**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Cu-OG46	Ore Grade Cu - Aqua Regia	
Zn-OG46	Ore Grade Zn - Aqua Regia	
ME-MS41	Ultra Trace Aqua Regia ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**



Saa Traxler, Director, North Vancouver Operations



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Page: 2 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365699**

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
90351		2.80	1.40	0.47	0.2	<0.02	<10	90	0.13	1.28	3.49	3.13	12.40	162.0	500	0.62
90352		0.67	0.04	0.02	<0.1	<0.02	<10	10	<0.05	<0.01	>25.0	0.02	0.99	1.4	3	<0.05
90353		4.88	0.22	1.17	<0.1	<0.02	<10	150	0.18	0.86	1.50	0.04	27.2	122.0	968	2.56
90354		5.44	0.17	0.91	0.2	<0.02	<10	90	0.16	1.08	0.66	0.02	1.87	142.5	857	1.32
90355		0.06	3.13	0.38	28.2	1.17	<10	10	0.05	0.56	0.42	0.99	3.32	1085	79	0.49
90356		3.22	0.23	1.25	0.1	<0.02	<10	130	0.22	1.58	0.53	0.26	1.52	158.0	1105	2.49
90357		4.03	0.19	1.13	0.2	<0.02	<10	170	0.44	1.40	0.55	0.03	1.35	146.0	961	3.78
90358		2.42	0.11	0.29	0.4	<0.02	<10	10	0.93	0.33	0.50	0.05	0.86	16.4	104	0.19
90359		3.46	0.20	0.31	0.3	<0.02	<10	<10	0.21	1.46	2.98	0.04	1.95	157.0	349	0.06
90360		3.12	0.23	0.26	0.3	<0.02	<10	<10	0.06	1.18	0.51	0.02	1.15	163.5	366	<0.05
90361		2.75	0.24	0.58	0.1	<0.02	<10	160	0.10	0.73	0.36	0.02	1.79	133.5	760	2.02
90362		<0.02	0.22	0.44	0.2	<0.02	<10	160	0.10	0.76	0.42	0.01	1.89	136.0	595	1.14
90363		1.41	0.21	0.41	0.1	<0.02	<10	160	0.12	0.35	0.72	0.02	90.6	30.0	140	0.62
90364		1.37	0.52	0.27	0.4	<0.02	<10	10	0.20	0.64	1.61	0.03	11.10	123.0	245	0.08
90365		1.51	0.53	0.28	0.1	<0.02	<10	20	0.18	0.62	1.86	0.03	14.20	122.0	255	0.07
90366		2.79	0.77	0.20	0.9	<0.02	<10	10	0.19	1.04	3.94	0.25	7.94	145.0	127	<0.05
90367		3.35	1.52	0.23	0.5	<0.02	<10	10	0.14	1.30	0.70	22.4	44.2	127.0	30	0.06
90368		2.40	1.23	0.17	0.6	<0.02	<10	10	0.12	3.62	1.03	19.35	74.8	108.0	14	<0.05
90369		2.79	0.98	0.20	0.5	<0.02	<10	10	0.17	1.34	0.63	10.60	64.3	84.1	21	0.05
90370		3.17	0.70	0.47	0.4	0.05	<10	80	0.32	18.25	0.35	8.77	63.0	76.9	69	1.58
90371		3.60	0.45	1.79	0.2	0.21	<10	110	0.97	50.3	0.27	0.08	68.0	40.8	198	12.35
90372		0.52	0.02	0.02	0.4	<0.02	<10	10	<0.05	0.11	>25.0	0.02	1.22	1.1	1	0.05
90373		4.51	0.15	2.25	<0.1	<0.02	<10	730	1.21	0.26	0.24	0.03	59.0	29.5	208	17.05
90374		4.42	0.43	2.65	0.1	<0.02	<10	760	1.03	0.40	0.37	0.03	53.0	29.1	212	18.85
90375		2.82	0.52	2.40	<0.1	<0.02	<10	500	1.08	0.46	0.24	0.03	78.5	28.3	212	16.80
90376		2.89	0.21	2.33	0.1	<0.02	<10	260	0.91	0.36	0.20	0.05	58.4	30.1	206	15.00
90377		2.27	0.31	1.55	0.1	<0.02	<10	160	0.83	2.21	0.35	0.08	64.8	31.1	187	8.98
90378		2.75	0.82	0.73	0.9	0.54	<10	70	0.64	72.7	0.26	21.9	52.6	89.3	83	1.56
90379		2.21	0.54	0.97	4.0	0.03	<10	60	0.77	5.57	0.63	19.45	56.0	103.0	74	1.20
90380		4.25	1.51	0.52	33.2	<0.02	<10	20	0.20	21.2	0.22	6.98	32.6	232	29	0.43
90381		1.94	0.56	0.87	12.3	<0.02	<10	30	0.21	4.20	0.31	5.52	52.9	55.2	89	1.22
90382		4.49	0.43	1.38	4.9	<0.02	10	20	0.78	1.52	0.44	2.50	31.5	42.1	102	1.00
90383		3.79	0.33	1.20	3.6	<0.02	<10	50	0.16	0.42	0.21	0.47	35.2	30.2	86	2.44
90384		4.70	0.08	2.74	0.1	<0.02	<10	280	0.12	0.69	0.22	0.52	43.8	29.0	183	8.51
90385		3.20	0.27	1.34	0.2	<0.02	<10	80	0.10	0.41	0.20	0.18	38.1	29.4	106	3.05
90386		4.19	0.20	1.60	0.3	<0.02	<10	110	0.12	0.30	0.17	0.09	47.1	29.9	178	4.14
90387		4.35	0.21	1.20	0.4	<0.02	<10	140	0.10	0.54	0.25	0.38	50.4	31.3	177	2.71
90388		3.29	0.82	0.32	0.6	<0.02	<10	30	0.09	2.91	1.01	6.56	41.0	51.2	128	0.83
90389		4.36	0.28	0.50	0.2	<0.02	<10	30	0.12	0.89	0.43	0.47	49.1	39.5	158	1.72
90390		4.41	0.76	0.39	0.7	<0.02	<10	20	0.09	3.11	0.40	0.91	38.3	41.6	96	1.12



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Page: 2 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

<b>CERTIFICATE OF ANALYSIS SD22365699</b>
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Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
90351		1360	8.90	2.19	0.16	0.12	0.01	0.424	0.12	5.5	11.4	0.51	603	4.58	0.04	0.18
90352		6.9	0.09	0.06	<0.05	<0.02	<0.01	<0.005	<0.01	1.2	0.1	0.37	86	0.10	<0.01	<0.05
90353		155.5	5.46	5.44	0.15	0.17	<0.01	0.015	0.41	13.1	26.4	1.61	633	10.65	0.06	<0.05
90354		86.6	4.69	4.23	0.14	0.05	<0.01	0.012	0.21	0.9	20.4	1.26	481	9.17	0.07	<0.05
90355		>10000	31.3	1.78	0.39	0.07	0.01	0.105	0.03	1.8	3.0	0.40	168	1.60	0.02	0.17
90356		181.0	5.37	5.26	0.13	0.06	<0.01	0.023	0.31	0.7	26.6	1.67	631	52.3	0.07	<0.05
90357		166.0	4.36	4.52	0.15	0.06	<0.01	0.018	0.51	0.6	16.4	1.47	546	8.91	0.08	<0.05
90358		33.6	0.59	1.04	<0.05	<0.02	<0.01	0.012	0.04	0.6	2.2	0.17	91	210	0.10	<0.05
90359		126.5	3.12	1.36	0.12	0.04	<0.01	0.008	0.01	1.0	3.2	0.40	424	10.95	0.06	0.05
90360		99.4	3.29	1.11	0.09	0.03	<0.01	0.006	0.01	0.6	2.7	0.40	257	1.60	0.06	<0.05
90361		189.5	3.54	2.73	0.08	0.03	<0.01	0.009	0.40	0.9	13.2	0.76	255	5.32	0.04	<0.05
90362		185.0	3.44	2.00	0.09	0.04	<0.01	0.009	0.25	0.9	8.7	0.61	239	4.88	0.05	<0.05
90363		63.5	3.10	2.52	0.13	0.42	<0.01	0.009	0.15	44.9	10.6	0.50	119	0.21	0.05	0.42
90364		523	5.54	1.19	0.11	0.10	<0.01	0.031	0.02	4.8	3.8	0.34	171	11.00	0.05	0.29
90365		533	5.55	1.16	0.12	0.12	<0.01	0.028	0.02	7.0	4.3	0.34	201	12.60	0.06	0.30
90366		637	8.96	1.30	0.18	0.06	<0.01	0.028	0.01	4.5	1.1	0.12	305	7.48	0.04	0.30
90367		1320	8.92	1.34	0.13	0.49	0.02	3.56	0.01	22.4	1.6	0.12	152	59.7	0.07	1.68
90368		921	8.01	1.14	0.13	0.58	0.01	3.71	0.01	40.4	1.3	0.12	195	31.9	0.07	1.47
90369		1070	7.85	1.13	0.12	0.47	0.01	1.630	0.01	31.6	1.1	0.09	119	54.0	0.07	1.96
90370		791	7.57	3.06	0.13	0.42	<0.01	0.694	0.24	33.5	15.1	0.41	124	21.0	0.06	0.75
90371		380	5.17	8.89	0.15	0.33	<0.01	0.021	1.44	33.0	59.7	1.72	219	47.8	0.07	0.14
90372		4.2	0.08	0.06	<0.05	<0.02	<0.01	0.007	0.01	1.2	<0.1	0.56	85	0.39	0.01	<0.05
90373		117.5	4.18	10.95	0.18	0.23	<0.01	0.021	1.97	27.8	79.0	2.27	296	30.0	0.07	0.14
90374		134.5	4.99	12.50	0.22	0.20	<0.01	0.028	2.21	26.8	90.3	2.58	361	21.7	0.05	0.16
90375		160.0	4.99	11.95	0.22	0.28	<0.01	0.028	2.07	39.7	78.6	2.37	439	45.9	0.06	0.19
90376		157.5	4.86	11.90	0.19	0.25	<0.01	0.033	2.09	29.1	69.5	2.41	509	29.8	0.06	0.23
90377		266	4.16	7.47	0.11	0.35	<0.01	0.028	1.28	33.5	48.2	1.51	268	81.7	0.07	0.19
90378		996	8.81	4.26	0.16	0.51	0.05	1.055	0.28	27.6	24.9	0.86	308	90.4	0.05	0.32
90379		630	7.86	5.10	0.19	0.44	0.08	1.055	0.31	26.9	31.1	1.11	310	62.6	0.05	0.55
90380		1410	20.0	3.52	0.27	0.25	0.29	0.979	0.10	15.8	18.9	0.42	303	12.10	0.03	0.41
90381		681	6.85	6.36	0.20	0.27	0.27	0.755	0.35	28.6	33.1	0.96	336	5.96	0.04	0.25
90382		222	4.84	7.52	0.13	0.35	0.10	0.256	0.24	14.2	53.6	1.47	338	3.16	0.04	0.11
90383		111.5	4.44	5.81	0.09	0.25	0.02	0.106	0.71	17.6	40.0	1.46	408	1.72	0.03	0.10
90384		58.1	4.72	13.20	0.26	0.18	0.02	0.108	1.98	21.7	81.1	2.05	677	2.82	0.04	0.29
90385		61.3	4.45	6.64	0.10	0.29	0.01	0.044	0.95	19.4	42.6	1.61	468	1.56	0.03	0.05
90386		125.5	4.40	9.38	0.21	0.43	0.01	0.095	1.23	23.2	52.4	1.80	514	8.29	0.04	<0.05
90387		186.0	4.31	6.87	0.17	0.47	<0.01	0.136	0.96	26.7	45.1	1.35	359	16.40	0.05	0.19
90388		492	7.00	1.81	0.10	0.57	0.04	1.070	0.17	22.1	14.6	0.33	293	45.8	0.05	0.78
90389		278	4.48	2.92	0.09	0.75	0.01	0.085	0.40	27.1	30.0	0.68	167	12.85	0.05	0.78
90390		161.0	3.18	2.20	0.07	0.54	<0.01	0.139	0.30	21.8	21.7	0.49	143	7.07	0.06	0.61



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
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Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365699**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
90351		1650	300	10.0	7.1	0.005	4.62	<0.05	4.4	4.6	1.5	30.4	<0.01	0.28	1.2	0.103
90352		5.2	80	0.6	0.2	<0.001	0.02	<0.05	0.3	0.9	<0.2	77.9	<0.01	0.01	<0.2	<0.005
90353		1750	630	5.5	23.4	0.007	2.10	<0.05	5.3	1.5	0.9	21.1	<0.01	0.17	2.1	0.136
90354		1875	30	6.8	10.2	0.008	2.00	<0.05	5.2	1.7	0.9	5.7	<0.01	0.19	<0.2	0.093
90355		>10000	60	38.8	1.5	0.048	>10.0	0.25	1.4	14.2	1.1	4.6	<0.01	0.95	0.5	0.039
90356		2190	200	3.7	17.4	0.043	2.00	<0.05	4.8	1.8	1.0	7.3	<0.01	0.18	<0.2	0.118
90357		2060	100	4.7	28.4	0.009	1.58	<0.05	5.8	1.8	1.1	8.4	<0.01	0.17	<0.2	0.115
90358		255	20	27.4	2.4	0.161	0.21	<0.05	1.1	0.2	0.3	40.1	<0.01	0.04	<0.2	0.009
90359		2640	260	9.7	0.4	0.007	1.63	<0.05	3.6	1.4	0.6	31.0	<0.01	0.25	<0.2	0.058
90360		2230	20	3.8	0.2	0.001	1.67	<0.05	3.5	1.3	0.4	3.1	<0.01	0.18	<0.2	0.073
90361		1595	40	4.2	26.9	0.005	1.66	<0.05	3.0	1.4	0.4	3.5	<0.01	0.14	<0.2	0.105
90362		1670	40	4.0	15.0	0.006	1.62	<0.05	3.3	1.6	0.4	4.3	<0.01	0.14	<0.2	0.100
90363		130.5	1880	9.0	8.4	<0.001	1.50	<0.05	1.4	0.5	0.6	25.3	<0.01	0.07	5.6	0.155
90364		1350	790	11.8	1.5	0.010	2.85	<0.05	4.6	3.0	0.7	19.8	<0.01	0.13	0.4	0.092
90365		1325	780	10.9	1.6	0.014	2.90	<0.05	4.5	2.5	0.7	20.6	<0.01	0.13	0.7	0.103
90366		1265	210	14.4	0.3	0.010	4.30	<0.05	3.8	4.5	1.1	28.0	<0.01	0.16	<0.2	0.079
90367		572	440	34.7	0.5	0.027	4.92	<0.05	2.8	7.0	2.8	13.9	0.01	0.11	5.5	0.138
90368		397	390	66.6	0.3	0.029	5.44	<0.05	2.2	7.5	2.9	10.0	0.01	0.22	10.5	0.106
90369		322	800	23.1	0.3	0.016	4.22	<0.05	2.2	6.5	2.6	7.9	0.01	0.19	9.8	0.123
90370		315	700	8.2	16.2	0.013	3.76	<0.05	3.4	4.7	1.9	5.4	0.01	1.49	9.4	0.149
90371		150.5	920	6.9	98.7	0.026	1.57	<0.05	13.2	1.5	0.9	14.8	<0.01	3.86	6.8	0.272
90372		1.1	70	0.3	0.5	<0.001	0.02	<0.05	0.3	0.4	<0.2	80.6	<0.01	<0.01	<0.2	<0.005
90373		113.5	800	5.8	134.5	0.018	0.55	<0.05	12.6	0.4	1.2	13.9	<0.01	0.04	7.8	0.338
90374		113.5	1090	4.5	129.0	0.017	0.53	<0.05	21.5	0.4	1.3	11.2	<0.01	0.04	7.5	0.363
90375		113.5	860	7.2	133.5	0.027	0.77	<0.05	16.5	0.6	1.3	9.0	<0.01	0.07	7.0	0.365
90376		117.0	680	4.9	127.0	0.014	0.96	<0.05	20.0	0.7	1.5	5.5	<0.01	0.06	6.4	0.358
90377		122.0	1280	5.5	74.8	0.071	1.38	<0.05	9.2	1.6	0.9	12.2	<0.01	0.16	7.4	0.247
90378		226	620	21.6	16.7	0.023	5.10	<0.05	12.4	6.4	2.7	5.2	<0.01	7.68	7.6	0.097
90379		188.0	1500	22.4	18.4	0.016	4.85	<0.05	10.9	6.2	3.6	17.4	<0.01	1.73	5.0	0.165
90380		709	290	124.0	6.8	0.015	>10.0	0.44	5.4	15.1	6.8	2.5	<0.01	2.08	5.4	0.032
90381		234	450	39.6	25.2	0.007	4.55	<0.09	9.1	5.2	4.0	3.2	<0.01	0.49	5.6	0.065
90382		124.0	610	44.1	17.2	0.004	3.07	<0.05	9.2	3.0	2.9	5.9	<0.01	0.17	5.4	0.084
90383		116.5	600	16.1	43.3	0.001	2.76	<0.05	3.6	0.8	0.7	3.2	<0.01	0.21	5.7	0.077
90384		116.5	610	6.2	77.9	0.003	0.91	<0.05	16.0	0.5	1.4	4.8	<0.01	0.10	5.6	0.308
90385		110.0	610	9.1	54.0	0.001	2.53	<0.05	6.3	0.8	0.4	3.1	<0.01	0.10	5.9	0.086
90386		111.0	490	7.6	64.9	0.003	2.02	<0.05	17.2	1.5	1.0	2.6	<0.01	0.06	6.0	0.139
90387		126.5	570	15.0	45.1	0.003	2.08	<0.05	13.0	1.6	1.6	2.4	<0.01	0.07	6.1	0.169
90388		194.0	710	97.1	13.0	0.019	3.91	<0.05	2.0	3.6	2.8	18.3	<0.01	0.14	4.8	0.141
90389		151.0	790	26.9	33.0	0.006	2.53	<0.05	5.3	2.0	1.7	6.8	<0.01	0.09	5.4	0.161
90390		105.5	560	119.0	26.7	0.004	1.86	<0.05	4.3	1.6	1.4	5.9	<0.01	0.13	5.6	0.135



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365699**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Cu-OG46	Zn-OG46	CRU-QC	PUL-QC
		TI	U	V	W	Y	Zn	Zr	Cu	Zn	Pass2mm	Pass75um
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%
		0.02	0.05	1	0.05	0.05	2	0.5	0.001	0.001	0.01	0.01
90351		0.30	0.29	34	0.05	5.06	1305	3.4			73.1	88.3
90352		<0.02	0.08	<1	<0.05	2.26	4	<0.5				
90353		0.63	0.37	55	<0.05	5.15	52	7.9				
90354		0.41	0.15	45	0.05	2.84	38	1.3				89.4
90355		0.08	0.11	18	3.33	1.35	64	2.8	1.355			
90356		0.38	0.17	57	0.06	2.55	175	1.7				
90357		0.63	0.12	50	<0.05	2.57	55	1.5				
90358		0.05	0.06	7	<0.05	0.49	41	<0.5				
90359		0.15	<0.05	21	<0.05	3.29	17	0.7				
90360		0.09	<0.05	20	<0.05	3.03	9	0.6				
90361		0.84	<0.05	38	<0.05	2.84	31	0.6				
90362		0.52	0.05	32	<0.05	3.54	23	0.7				
90363		0.27	0.88	24	<0.05	5.47	22	22.9				
90364		0.11	0.40	34	0.05	4.70	21	2.9				
90365		0.11	0.42	34	<0.05	5.00	19	3.6				
90366		0.08	0.19	19	0.06	3.17	134	1.1				
90367		0.05	1.52	28	0.48	9.97	>10000	19.6		1.205		
90368		0.06	1.62	18	0.83	11.90	>10000	22.9		1.060		
90369		0.03	1.58	20	0.30	11.50	5120	17.9				
90370		0.54	1.36	44	0.19	10.30	3020	14.6				
90371		2.89	1.58	66	0.12	10.30	169	13.0				
90372		<0.02	0.08	<1	<0.05	2.24	8	<0.5				
90373		3.98	1.94	91	0.06	8.43	162	9.7				
90374		3.83	1.66	102	<0.05	11.65	208	7.9				
90375		3.65	1.76	105	0.06	11.40	196	10.9				
90376		3.74	1.58	119	0.08	10.20	168	10.2				
90377		2.26	1.62	69	0.12	10.85	128	12.8				
90378		0.64	1.65	63	0.47	10.50	6220	19.2				
90379		0.83	1.06	66	0.57	12.25	6620	16.3				
90380		0.57	1.27	25	1.40	4.72	3680	8.8				
90381		1.10	1.30	52	0.71	5.85	2960	9.6				
90382		0.67	1.23	56	0.42	7.26	1360	13.0				
90383		1.96	1.50	39	0.28	5.78	249	9.4				
90384		3.18	1.44	110	0.36	6.76	374	7.7				
90385		2.19	1.52	53	0.14	6.39	116	11.0				
90386		2.69	1.42	118	0.09	7.01	216	17.0				
90387		1.96	1.40	115	0.09	8.03	327	17.8				
90388		0.41	1.91	35	0.14	7.74	3370	22.5				
90389		0.96	1.24	62	0.08	7.00	290	29.6				
90390		1.00	2.51	47	0.09	5.93	534	22.8			72.8	93.8





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To: MINROC MANAGEMENT LTD.  
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Page: 3 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
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**CERTIFICATE OF ANALYSIS SD22365699**

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Recvd Wt. kg	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm
		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
90391		1.84	0.35	0.11	2.5	<0.02	<10	10	0.09	0.62	0.29	12.40	46.9	88.5	13	<0.05
90392		1.54	0.27	0.11	1.6	<0.02	<10	10	0.09	0.56	0.27	16.15	45.7	69.4	13	<0.05
90393		3.92	0.23	0.12	1.2	<0.02	<10	10	0.10	0.45	0.54	3.38	64.4	48.7	52	0.06
90394		3.09	0.68	0.14	1.4	<0.02	<10	10	0.10	0.95	0.42	12.60	77.6	103.5	27	0.10
90395		<0.02	0.63	0.13	1.9	<0.02	<10	10	0.10	0.88	0.39	12.65	75.9	96.8	25	0.10
90396		3.03	0.27	0.13	4.8	<0.02	<10	<10	0.07	0.66	0.37	9.61	48.4	68.3	24	<0.05
90397		4.11	0.56	0.12	1.8	<0.02	<10	10	0.05	1.08	0.22	13.45	37.9	86.8	31	0.10
90398		4.02	0.33	0.23	2.6	<0.02	<10	20	0.10	0.63	0.65	1.75	68.5	42.5	51	0.20
90399		4.09	0.66	0.15	2.0	<0.02	<10	10	0.10	1.40	0.27	15.25	46.6	150.5	37	0.12
90400		4.24	1.12	0.12	1.9	<0.02	<10	<10	0.12	2.26	0.31	18.45	65.8	141.0	8	<0.05

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 3 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

<b>CERTIFICATE OF ANALYSIS SD22365699</b>
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Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
90391		536	7.63	0.56	0.10	0.37	<0.01	1.550	<0.01	25.4	0.4	0.06	131	23.6	0.06	1.36
90392		384	5.85	0.59	0.08	0.38	0.01	1.965	<0.01	25.3	0.3	0.05	141	40.0	0.07	1.28
90393		319	4.67	0.64	0.10	0.30	<0.01	0.471	0.01	36.3	3.2	0.16	81	26.1	0.05	0.72
90394		1115	11.35	0.84	0.14	0.59	0.04	1.700	0.02	41.7	3.3	0.11	162	45.8	0.07	1.58
90395		1010	11.15	0.84	0.14	0.57	0.05	1.710	0.02	40.2	3.1	0.10	159	39.9	0.06	1.38
90396		387	5.77	0.65	0.09	0.47	0.04	1.120	0.01	27.7	0.8	0.08	121	71.6	0.07	1.46
90397		1015	10.15	0.80	0.10	0.39	0.06	1.320	0.03	22.1	2.7	0.08	195	24.0	0.05	1.36
90398		454	5.26	1.42	0.14	0.51	<0.01	0.266	0.06	35.3	11.9	0.22	128	15.35	0.06	0.80
90399		859	11.15	0.98	0.18	0.37	0.01	2.15	0.03	25.6	4.9	0.11	148	50.0	0.06	0.98
90400		1480	18.60	0.75	0.28	0.52	0.01	2.33	0.01	35.7	0.5	0.05	154	35.8	0.07	1.48

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Page: 3 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365699**

Sample Description	Method Analyte Units LOD	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2	ME-MS41 Ti % 0.005
90391		226	260	12.4	0.1	0.011	3.99	<0.05	1.4	5.3	1.3	4.8	<0.01	0.12	6.3	0.087
90392		203	170	11.8	0.1	0.015	3.28	<0.05	1.5	4.0	1.2	4.5	<0.01	0.10	5.7	0.088
90393		198.0	580	9.7	1.1	0.014	2.49	<0.05	1.3	2.7	1.5	5.2	<0.01	0.11	6.4	0.115
90394		321	330	18.3	2.0	0.014	5.57	<0.05	1.8	7.8	1.5	6.4	0.01	0.23	11.3	0.098
90395		314	320	17.2	1.9	0.013	5.73	<0.05	1.7	7.6	1.3	5.8	0.01	0.20	11.1	0.082
90396		220	480	11.4	0.3	0.016	3.21	<0.05	1.3	4.3	1.7	4.6	0.01	0.13	6.6	0.127
90397		262	340	22.5	1.5	0.008	5.32	<0.05	1.3	7.6	1.5	3.3	<0.01	0.20	5.5	0.109
90398		129.0	1410	18.3	4.3	0.003	2.67	0.24	1.8	2.9	1.8	16.2	<0.01	0.11	5.6	0.142
90399		329	320	14.2	2.4	0.029	5.10	0.05	1.7	8.2	1.2	3.7	<0.01	0.23	5.9	0.087
90400		466	440	22.3	0.1	0.025	6.22	0.05	1.9	13.9	1.1	5.5	0.01	0.35	12.2	0.071

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Page: 3 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365699**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Cu-OG46	Zn-OG46	CRU-QC	PUL-QC
		Tl ppm 0.02	U ppm 0.05	V ppm 1	W ppm 0.05	Y ppm 0.05	Zn ppm 2	Zr ppm 0.5	Cu % 0.001	Zn % 0.001	Pass2mm % 0.01	Pass75um % 0.01
90391		0.02	1.28	24	0.20	5.83	6360	13.0				
90392		0.02	1.06	27	0.27	5.98	8410	12.9				
90393		0.05	0.75	21	0.11	5.54	1860	10.6				
90394		0.10	2.15	33	0.21	11.00	6560	23.2				
90395		0.09	2.09	31	0.22	9.59	6470	22.5				
90396		0.03	1.72	30	0.26	7.44	4900	16.4				
90397		0.11	1.05	20	0.22	5.06	7160	13.4				
90398		0.19	0.98	30	0.12	7.49	1060	20.7				
90399		0.12	1.54	31	0.32	6.15	8010	14.7				
90400		0.02	2.54	25	0.30	8.12	9340	19.1				

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Page: Appendix 1  
 Total # Appendix Pages: 1  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365699**

	<b>CERTIFICATE COMMENTS</b>												
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).            ME-MS41</p>												
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21d</td> <td style="width: 33%;">LOG-22</td> </tr> <tr> <td>LOG-23</td> <td>PUL-31</td> <td>PUL-31d</td> <td>PUL-QC</td> </tr> <tr> <td>SPL-21</td> <td>SPL-21d</td> <td>WEI-21</td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-21d	LOG-22	LOG-23	PUL-31	PUL-31d	PUL-QC	SPL-21	SPL-21d	WEI-21	
CRU-31	CRU-QC	LOG-21d	LOG-22										
LOG-23	PUL-31	PUL-31d	PUL-QC										
SPL-21	SPL-21d	WEI-21											
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Cu-OG46</td> <td style="width: 33%;">ME-MS41</td> <td style="width: 33%;">ME-OG46</td> <td style="width: 33%;">Zn-OG46</td> </tr> </table>	Cu-OG46	ME-MS41	ME-OG46	Zn-OG46								
Cu-OG46	ME-MS41	ME-OG46	Zn-OG46										



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Page: 1  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 This copy reported on 6-FEB-2023  
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**SD22365703**

Project: LAL-VIC 2022 DDH  
 P.O. No.: BATCH 30  
 This report is for 50 samples of 1/2 Core submitted to our lab in Sudbury, ON,  
 Canada on 19-DEC-2022.

The following have access to data associated with this certificate:

SAHIL ALURKAR  
 FRANCIS NEWTON

FRANCIS NEWTON  
 BRIAN NEWTON

BRIAN NEWTON  
 ACCESS WEBTRIEVE

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Zn-OG46	Ore Grade Zn - Aqua Regia	
ME-MS41	Ultra Trace Aqua Regia ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**

Saa Traxler, Director, North Vancouver Operations



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Page: 2 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365703**

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
90401		3.11	0.53	0.15	1.1	<0.02	<10	10	0.10	1.36	0.33	2.87	46.3	70.6	26	<0.05
90402		1.18	<0.01	0.02	0.6	<0.02	<10	10	<0.05	0.01	>25.0	0.03	1.11	1.6	1	<0.05
90403		3.66	0.17	0.72	0.5	<0.02	<10	130	0.13	0.42	0.54	1.38	41.0	32.5	145	1.74
90404		1.75	0.09	0.14	0.3	<0.02	<10	10	0.07	0.15	0.35	0.24	50.1	20.9	24	0.05
90405		2.44	0.63	0.16	1.2	<0.02	<10	<10	0.13	1.34	0.38	17.75	70.0	98.2	17	<0.05
90406		4.14	0.33	0.27	0.6	<0.02	<10	30	0.10	0.48	0.30	2.81	52.1	59.7	54	0.29
90407		3.95	0.21	0.94	0.9	<0.02	<10	50	0.14	0.19	0.31	0.11	43.0	21.2	157	2.03
90408		2.62	0.12	1.15	0.8	<0.02	<10	60	0.12	0.14	0.28	0.06	53.0	22.9	172	2.88
90409		2.11	0.21	0.83	1.1	<0.02	<10	30	0.12	0.26	0.31	0.29	36.1	26.3	158	1.94
90410		2.85	0.24	0.85	0.8	<0.02	<10	20	0.16	0.28	0.31	0.21	36.5	23.7	148	1.89
90411		3.02	0.09	1.08	0.4	<0.02	<10	70	0.11	0.17	0.32	0.03	51.9	24.2	174	2.33
90412		<0.02	0.09	1.03	0.8	<0.02	<10	70	0.11	0.16	0.31	0.02	47.7	23.8	173	2.12
90413		2.66	0.10	0.47	0.4	<0.02	<10	40	0.11	0.19	0.72	0.02	46.8	22.4	88	0.63
90414		1.39	0.14	0.67	0.3	<0.02	<10	70	0.12	0.15	0.48	0.01	54.3	22.4	108	0.87
90415		1.25	0.17	0.68	0.7	<0.02	<10	70	0.12	0.19	0.40	0.03	51.6	23.9	110	0.85
90416		2.33	0.18	1.35	0.4	<0.02	<10	140	0.12	0.28	0.27	0.16	44.5	24.6	170	2.46
90417		2.55	0.22	1.26	2.2	<0.02	<10	150	0.24	0.32	0.64	1.90	47.5	35.3	180	1.85
90418		4.19	0.37	1.20	2.6	<0.02	<10	60	0.15	0.55	0.28	3.66	43.2	129.5	160	1.85
90419		3.01	0.65	0.80	1.3	<0.02	<10	30	0.14	1.40	0.21	5.20	33.7	42.3	119	1.28
90420		4.21	0.22	1.16	0.5	<0.02	<10	50	0.14	0.34	0.22	0.19	42.3	21.6	166	1.90
90421		3.14	0.30	1.09	1.0	<0.02	<10	110	0.16	0.32	0.73	0.06	78.9	34.8	239	1.84
90422		1.33	<0.01	0.02	<0.1	<0.02	<10	10	<0.05	0.01	>25.0	0.01	1.22	1.6	2	<0.05
90423		4.64	0.23	1.32	1.2	<0.02	<10	110	0.12	0.36	0.29	0.19	50.5	22.9	166	2.28
90424		3.39	0.31	1.69	0.4	<0.02	<10	50	0.15	0.37	0.18	0.21	41.9	31.4	171	2.75
90425		4.19	0.28	1.60	0.5	<0.02	<10	30	0.13	0.27	0.15	0.12	27.1	21.6	163	2.64
90426		4.22	0.28	1.56	0.4	<0.02	<10	20	0.13	0.28	0.15	0.16	30.3	20.7	159	2.55
90427		4.58	0.33	1.40	1.1	<0.02	<10	20	0.13	0.54	0.17	0.16	49.3	23.2	157	2.41
90428		4.19	0.39	0.94	0.5	<0.02	<10	20	0.15	0.81	0.38	0.12	43.7	22.1	160	1.65
90429		4.10	0.32	1.08	0.3	<0.02	<10	30	0.13	0.65	0.26	0.13	42.9	22.6	162	1.87
90430		4.11	0.30	1.34	0.4	<0.02	<10	30	0.11	0.41	0.19	0.12	56.5	24.1	161	2.39
90431		4.55	0.30	1.35	1.2	<0.02	<10	20	0.14	0.36	0.28	0.13	41.4	21.3	157	2.66
90432		4.28	0.48	1.14	1.9	<0.02	<10	10	0.14	0.58	0.17	0.15	34.4	26.0	143	2.04
90433		4.02	0.39	1.18	0.4	<0.02	<10	10	0.16	0.55	0.18	1.22	37.1	26.5	156	2.23
90434		3.61	0.22	1.41	0.8	<0.02	<10	10	0.13	0.26	0.17	0.05	30.6	21.8	158	2.69
90435		4.40	0.26	1.15	0.3	<0.02	<10	20	0.12	0.34	0.19	0.10	36.4	21.7	155	2.12
90436		3.04	0.37	0.81	0.7	<0.02	<10	10	0.14	0.89	0.19	0.20	39.0	22.0	153	1.58
90437		2.49	0.63	0.77	6.0	<0.02	<10	10	0.27	1.72	0.26	1.89	65.3	61.7	127	0.93
90438		2.71	0.59	0.78	0.1	<0.02	<10	10	0.14	1.41	0.23	0.16	53.6	26.2	146	1.25
90439		4.50	0.47	0.87	<0.1	<0.02	<10	10	0.19	0.75	0.20	0.11	85.2	26.4	153	1.36
90440		4.15	0.30	1.03	0.3	<0.02	<10	10	0.17	0.29	0.19	0.17	43.3	20.8	164	1.90



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Page: 2 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
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Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365703**

Sample Description	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm
	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
90401	472	8.59	0.73	0.15	0.52	<0.01	0.394	0.01	25.0	1.4	0.08	65	22.1	0.08	1.57
90402	3.3	0.10	0.06	<0.05	<0.02	<0.01	0.005	<0.01	1.2	0.1	0.46	94	0.34	0.01	<0.05
90403	230	3.71	3.46	0.11	0.34	<0.01	0.199	0.46	21.5	45.3	0.67	182	6.67	0.08	0.23
90404	131.0	1.52	0.70	0.07	0.33	<0.01	0.076	0.02	28.9	2.7	0.08	42	27.3	0.08	0.98
90405	745	10.65	0.83	0.17	0.41	<0.01	2.39	0.01	37.4	0.6	0.07	198	56.5	0.09	1.65
90406	334	3.61	1.62	0.10	0.42	<0.01	0.426	0.09	28.4	9.4	0.21	122	42.3	0.08	0.86
90407	124.5	3.11	5.87	0.11	0.42	<0.01	0.075	0.60	24.4	47.7	1.00	245	32.2	0.08	0.19
90408	185.5	3.47	6.49	0.12	0.41	<0.01	0.082	0.85	31.2	53.0	1.12	315	41.7	0.08	0.17
90409	162.0	3.62	4.59	0.15	0.39	<0.01	0.059	0.64	20.1	40.8	0.95	286	17.10	0.07	0.27
90410	153.0	3.50	4.90	0.19	0.40	<0.01	0.035	0.60	19.4	38.6	0.99	310	4.19	0.06	0.29
90411	107.5	3.32	5.66	0.12	0.38	<0.01	0.062	0.80	28.0	46.6	1.03	353	17.45	0.08	0.18
90412	107.0	3.42	5.32	0.11	0.35	<0.01	0.059	0.76	26.2	45.5	1.00	352	32.1	0.08	0.19
90413	179.0	3.13	2.36	0.11	0.35	<0.01	0.048	0.21	25.1	20.0	0.39	213	71.9	0.08	0.42
90414	126.5	3.03	3.57	0.11	0.33	<0.01	0.068	0.33	29.1	29.0	0.60	235	43.8	0.08	0.26
90415	312	3.57	3.69	0.11	0.34	<0.01	0.079	0.32	27.2	29.5	0.61	231	28.1	0.08	0.27
90416	107.5	3.35	6.59	0.13	0.35	<0.01	0.063	1.11	24.4	53.8	1.54	435	51.0	0.07	0.13
90417	102.0	4.73	6.28	0.19	0.32	0.03	0.314	0.77	24.1	53.5	1.36	417	12.65	0.06	0.19
90418	179.5	5.00	6.91	0.19	0.48	0.12	0.706	0.82	22.1	46.6	1.38	440	10.70	0.07	0.09
90419	717	9.08	5.88	0.23	0.35	0.13	1.190	0.54	16.2	30.4	0.93	370	8.98	0.06	0.18
90420	98.7	3.15	6.49	0.24	0.33	0.01	0.048	0.89	21.6	44.1	1.42	380	1.98	0.06	0.05
90421	67.6	5.03	4.80	0.25	0.31	<0.01	0.027	0.72	36.7	45.4	1.36	318	0.27	0.06	0.14
90422	2.1	0.15	0.06	<0.05	<0.02	<0.01	<0.005	0.01	1.3	0.3	0.75	105	0.11	0.01	<0.05
90423	71.7	3.48	6.10	0.27	0.32	<0.01	0.047	1.04	25.2	48.5	1.57	440	5.24	0.06	0.06
90424	112.5	4.29	8.43	0.31	0.34	<0.01	0.053	1.42	21.3	58.2	2.08	557	1.59	0.06	<0.05
90425	64.7	3.51	8.53	0.34	0.33	<0.01	0.044	1.38	13.1	54.2	1.98	526	1.54	0.06	<0.05
90426	62.5	3.62	8.14	0.28	0.31	0.01	0.050	1.33	15.2	56.1	1.94	515	6.58	0.06	<0.05
90427	147.0	3.44	8.52	0.30	0.31	0.01	0.048	1.12	25.7	54.9	1.73	492	1.66	0.06	<0.05
90428	412	3.13	5.85	0.20	0.22	0.01	0.029	0.66	21.9	34.9	1.08	452	2.27	0.07	0.10
90429	226	2.67	6.20	0.23	0.29	0.01	0.037	0.81	21.5	41.2	1.26	409	1.88	0.07	<0.05
90430	162.5	3.11	7.57	0.31	0.34	0.01	0.040	1.07	29.1	53.7	1.66	463	2.06	0.06	<0.05
90431	125.0	3.44	7.28	0.30	0.35	0.01	0.036	0.99	20.7	55.8	1.72	525	1.92	0.05	0.10
90432	311	4.99	7.60	0.23	0.31	0.01	0.045	0.80	16.6	52.1	1.51	405	1.90	0.03	<0.05
90433	211	3.89	8.42	0.18	0.33	0.06	0.283	0.88	18.1	51.6	1.52	394	2.61	0.04	0.05
90434	91.9	2.93	9.87	0.20	0.32	0.01	0.028	1.13	14.6	59.5	1.87	438	2.02	0.04	<0.05
90435	93.1	3.30	7.03	0.20	0.37	0.01	0.032	0.89	17.8	49.7	1.51	369	1.52	0.05	<0.05
90436	224	2.76	6.22	0.12	0.30	0.01	0.046	0.58	19.1	36.3	1.02	294	2.46	0.04	0.09
90437	419	5.65	6.06	0.27	0.40	0.11	0.416	0.32	34.1	31.2	0.90	331	3.61	0.04	0.21
90438	290	3.93	5.40	0.15	0.33	0.01	0.034	0.53	26.5	31.9	0.99	372	2.61	0.04	0.12
90439	267	3.86	7.13	0.20	0.35	0.01	0.033	0.53	45.9	38.5	1.12	388	1.91	0.04	0.06
90440	145.0	3.00	7.95	0.15	0.38	0.01	0.047	0.74	22.1	46.8	1.30	327	2.40	0.05	<0.05





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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365703**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
90401		244	420	21.1	0.6	0.012	3.81	<0.05	1.4	5.4	1.6	4.4	0.01	0.15	8.6	0.129
90402		<0.2	60	0.3	<0.1	<0.001	<0.01	<0.05	0.3	0.8	<0.2	77.0	<0.01	<0.01	<0.2	<0.005
90403		122.5	840	10.6	32.4	0.002	1.70	<0.05	2.2	2.3	1.8	5.5	<0.01	0.07	4.4	0.178
90404		80.8	520	9.1	0.8	0.048	0.84	<0.05	0.9	1.0	1.8	3.4	<0.01	0.04	5.4	0.141
90405		294	480	17.6	0.1	0.058	5.09	<0.05	2.1	8.0	1.7	5.6	0.01	0.17	8.8	0.117
90406		112.5	430	6.7	4.8	0.028	2.04	<0.05	2.0	2.1	2.0	3.3	<0.01	0.05	6.4	0.151
90407		85.1	540	5.9	44.4	0.005	1.32	<0.05	8.7	1.3	2.1	2.7	<0.01	0.04	5.2	0.173
90408		87.1	510	3.2	61.4	0.006	1.38	<0.05	11.5	1.5	2.2	2.5	<0.01	0.04	5.7	0.194
90409		101.5	580	12.8	46.7	0.004	1.98	<0.05	11.0	1.7	2.2	2.3	<0.01	0.05	5.4	0.156
90410		91.5	590	13.2	45.6	0.003	1.90	<0.05	10.7	1.1	1.6	2.5	<0.01	0.04	5.4	0.154
90411		86.7	620	2.9	51.8	0.012	1.39	<0.05	10.9	1.4	1.7	3.1	<0.01	0.05	6.5	0.199
90412		84.9	620	2.7	47.8	0.019	1.46	<0.05	9.4	1.3	1.6	2.8	<0.01	0.04	5.9	0.189
90413		87.3	440	4.2	12.8	0.051	1.51	<0.05	2.2	1.5	1.1	4.5	<0.01	0.05	6.1	0.168
90414		85.8	900	4.6	18.2	0.018	1.25	<0.05	2.9	1.1	1.3	4.3	<0.01	0.04	6.3	0.170
90415		91.7	590	4.9	17.5	0.010	1.58	<0.05	2.9	1.8	1.4	4.4	<0.01	0.05	6.3	0.175
90416		90.6	580	7.2	67.3	0.023	1.34	<0.05	8.7	1.0	0.9	3.0	<0.01	0.05	5.9	0.185
90417		112.5	1310	7.3	48.5	0.009	2.09	<0.05	10.9	1.3	1.6	10.7	<0.01	0.15	5.3	0.213
90418		125.5	660	14.0	50.0	0.009	2.89	<0.05	14.8	3.0	1.8	3.6	<0.01	0.21	6.3	0.137
90419		279	580	14.6	32.5	0.009	5.93	0.06	14.6	5.8	1.9	2.7	<0.01	0.47	4.9	0.082
90420		85.6	610	15.4	54.9	0.001	1.68	<0.05	14.5	1.6	1.9	3.9	<0.01	0.15	4.7	0.095
90421		101.5	1860	3.4	45.1	<0.001	2.53	<0.05	4.8	0.6	2.0	18.2	<0.01	0.31	4.0	0.145
90422		0.3	70	<0.2	0.3	<0.001	<0.01	<0.05	0.3	0.8	<0.2	82.2	<0.01	0.01	<0.2	<0.005
90423		96.2	590	8.4	59.5	0.001	1.80	<0.05	13.1	1.6	1.7	5.2	<0.01	0.16	4.8	0.124
90424		120.5	600	14.7	80.7	0.001	2.30	<0.05	14.5	2.1	2.9	2.3	<0.01	0.23	4.5	0.117
90425		85.0	540	13.2	83.4	0.001	1.86	<0.05	13.9	1.6	3.4	1.9	<0.01	0.19	3.9	0.106
90426		84.3	540	9.8	82.2	0.005	1.96	<0.05	13.1	1.8	3.9	1.9	<0.01	0.20	3.8	0.098
90427		87.6	520	17.6	71.6	0.001	1.86	<0.05	13.0	1.6	4.1	2.2	<0.01	0.20	4.5	0.095
90428		95.8	1310	14.0	42.7	0.002	1.68	<0.05	9.7	1.9	3.2	3.0	<0.01	0.20	5.3	0.089
90429		95.2	860	17.9	51.9	0.001	1.46	<0.05	11.4	1.6	3.0	2.8	<0.01	0.18	5.3	0.076
90430		99.5	590	18.5	68.1	0.001	1.65	<0.05	12.6	1.8	3.4	2.4	<0.01	0.16	5.0	0.089
90431		88.7	600	15.1	67.0	0.001	1.84	0.09	10.2	1.0	4.4	3.2	<0.01	0.18	5.6	0.127
90432		134.5	490	33.2	51.9	0.002	2.89	<0.05	8.4	2.5	2.8	2.0	<0.01	0.27	4.8	0.077
90433		112.0	520	33.6	60.3	0.004	2.20	<0.05	9.5	1.8	3.2	2.4	<0.01	0.23	5.7	0.086
90434		85.8	560	22.8	78.0	0.001	1.48	<0.05	10.9	1.1	3.9	1.7	<0.01	0.17	4.9	0.093
90435		78.2	590	20.8	60.0	0.001	1.80	<0.05	10.5	1.3	3.1	2.0	<0.01	0.16	5.2	0.077
90436		92.0	560	32.0	39.3	0.002	1.52	<0.05	6.5	1.2	2.3	2.1	<0.01	0.21	5.9	0.071
90437		163.5	390	80.0	20.6	0.004	3.46	0.05	4.9	2.7	2.7	3.0	<0.01	0.30	7.0	0.087
90438		109.0	470	107.0	34.3	0.003	2.48	<0.05	4.2	2.2	2.3	2.1	<0.01	0.27	6.0	0.081
90439		98.5	510	42.8	35.0	0.001	2.43	<0.05	7.6	1.7	2.4	2.6	<0.01	0.22	5.6	0.066
90440		83.1	590	22.0	50.0	0.001	1.60	<0.05	9.9	1.3	3.1	2.6	<0.01	0.14	5.1	0.070



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365703**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Zn-OG46	CRU-QC	PUL-QC
		TI	U	V	W	Y	Zn	Zr	Zn	Pass2mm	Pass75um
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
		0.02	0.05	1	0.05	0.05	2	0.5	0.001	0.01	0.01
90401		0.04	1.52	29	0.12	7.05	1610	19.4		75.8	98.1
90402		<0.02	0.10	<1	<0.05	1.93	12	<0.5			
90403		1.14	0.85	53	0.10	6.48	844	12.8			
90404		0.04	1.02	17	0.06	7.07	209	11.8			97.8
90405		0.02	1.72	27	0.16	9.60	9500	15.4			
90406		0.24	1.37	33	0.18	8.32	1635	14.8			
90407		1.61	1.10	91	0.18	7.00	169	15.9			
90408		2.31	1.23	98	0.34	7.05	168	15.6			
90409		1.64	1.17	86	0.30	5.99	232	14.4			
90410		1.58	1.23	82	0.20	6.35	182	14.6			
90411		1.86	1.31	95	0.13	6.99	142	14.4			
90412		1.77	1.26	94	0.14	6.30	141	13.2			
90413		0.48	1.20	49	0.14	6.83	91	11.8			
90414		0.65	1.26	73	0.11	7.03	127	12.5			
90415		0.61	1.20	76	0.10	7.25	134	13.2			
90416		2.08	1.26	98	0.18	6.22	187	14.1			
90417		1.53	0.98	100	0.12	7.20	1095	13.1			
90418		1.59	1.38	95	0.21	7.88	2020	18.7			
90419		1.03	1.10	81	0.44	6.51	2810	13.6			
90420		1.74	1.16	89	0.10	6.67	139	13.7			
90421		1.44	0.73	74	0.07	8.05	54	17.6			
90422		<0.02	0.10	<1	<0.05	2.11	2	<0.5			
90423		1.97	1.08	90	0.11	7.91	131	12.1			
90424		2.73	1.24	97	0.07	7.40	148	13.8			
90425		2.75	1.11	88	0.09	6.11	133	13.8			
90426		2.70	1.10	88	0.27	5.83	148	11.9			
90427		2.43	1.16	86	0.09	6.51	140	12.4			
90428		1.41	1.34	72	0.13	8.18	95	8.1			
90429		1.73	1.27	79	0.14	7.19	124	10.7			
90430		2.27	1.23	86	0.23	7.24	125	13.4			
90431		2.31	1.30	80	0.10	5.99	116	10.9			
90432		1.83	1.27	72	0.11	4.67	137	10.4			
90433		1.98	1.42	76	0.17	5.56	751	10.8			
90434		2.61	1.32	82	0.11	5.52	95	11.0			
90435		2.05	1.36	78	0.10	5.93	101	11.9			
90436		1.32	1.43	60	0.15	4.96	136	9.4			
90437		0.70	1.61	48	0.35	6.19	1105	12.0			
90438		1.18	1.47	54	0.27	5.47	119	9.8			
90439		1.20	1.34	71	0.18	6.35	93	11.1			100.0
90440		1.62	1.31	78	0.15	6.27	126	12.2	76.1		96.2



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To: MINROC MANAGEMENT LTD.  
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Page: 3 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365703
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Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	ME-MS41 Ag ppm	ME-MS41 Al %	ME-MS41 As ppm	ME-MS41 Au ppm	ME-MS41 B ppm	ME-MS41 Ba ppm	ME-MS41 Be ppm	ME-MS41 Bi ppm	ME-MS41 Ca %	ME-MS41 Cd ppm	ME-MS41 Ce ppm	ME-MS41 Co ppm	ME-MS41 Cr ppm	ME-MS41 Cs ppm
		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
90441		2.14	0.25	1.41	0.1	<0.02	<10	20	0.17	0.31	0.18	0.04	36.2	23.3	167	2.74
90442		2.34	0.26	1.38	0.4	<0.02	<10	20	0.16	0.28	0.19	0.05	35.9	23.1	167	2.74
90443		4.32	0.24	1.57	0.5	<0.02	<10	30	0.18	0.29	0.20	0.07	40.0	23.2	176	2.92
90444		3.00	0.47	1.11	1.0	<0.02	<10	20	0.16	0.44	0.17	1.12	29.7	26.5	148	1.84
90445		<0.02	0.48	1.11	0.8	<0.02	<10	20	0.16	0.44	0.17	1.06	31.4	26.9	148	1.86
90446		2.65	0.28	1.34	0.7	<0.02	<10	10	0.14	0.28	0.13	0.14	27.5	21.8	142	2.56
90447		2.44	0.29	1.48	0.8	<0.02	<10	40	0.13	0.30	0.15	0.06	30.0	22.0	154	2.68
90448		4.50	0.19	1.94	0.5	<0.02	<10	120	0.17	0.23	0.16	0.06	32.0	22.3	182	3.57
90449		2.73	0.23	1.21	<0.1	<0.02	<10	120	0.13	0.26	0.19	2.01	44.5	26.7	181	2.24
90450		1.30	0.63	0.72	1.1	<0.02	<10	50	0.10	1.20	0.19	27.5	43.0	96.6	92	0.87



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Page: 3 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
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Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365703**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
90441		134.0	3.32	8.45	0.18	0.38	0.01	0.033	1.16	17.8	59.4	1.81	409	1.56	0.05	<0.05
90442		129.0	3.23	8.70	0.20	0.39	0.01	0.035	1.12	17.4	58.7	1.78	404	1.67	0.04	<0.05
90443		82.6	3.49	8.93	0.20	0.39	0.01	0.033	1.24	19.7	61.8	2.02	532	1.70	0.05	<0.05
90444		189.5	4.51	7.33	0.20	0.25	0.04	0.252	0.71	15.0	48.1	1.49	463	2.06	0.04	<0.05
90445		178.0	4.46	7.42	0.24	0.27	0.05	0.246	0.72	15.5	48.2	1.50	465	2.06	0.04	<0.05
90446		54.3	3.48	9.36	0.22	0.27	0.01	0.049	1.13	13.4	53.5	1.72	457	1.69	0.04	<0.05
90447		44.7	3.61	8.97	0.23	0.31	<0.01	0.049	1.23	14.5	54.4	1.87	527	2.75	0.05	<0.05
90448		81.9	3.79	10.60	0.27	0.33	0.01	0.076	1.65	15.3	66.6	2.25	584	8.72	0.05	<0.05
90449		223	3.59	7.78	0.18	0.36	0.02	0.536	0.97	21.7	45.2	1.35	396	66.8	0.06	<0.05
90450		960	10.30	5.43	0.35	0.49	0.09	7.19	0.55	20.5	28.3	0.83	598	55.9	0.05	0.10

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 3 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365703**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005	
90441	95.9	590	17.6	78.3	0.001	1.78	<0.05	10.2	1.3	3.8	2.1	<0.01	0.15	5.6	0.093	
90442	91.8	600	17.6	77.3	0.001	1.69	<0.05	10.4	1.5	3.8	2.0	<0.01	0.15	5.5	0.091	
90443	91.3	640	13.2	84.1	<0.001	1.85	<0.05	10.6	1.2	3.3	2.4	<0.01	0.17	5.7	0.102	
90444	132.5	510	12.4	47.6	0.002	2.66	0.07	9.9	1.4	1.8	2.1	<0.01	0.23	4.9	0.077	
90445	131.5	510	12.8	47.0	0.003	2.65	0.06	9.9	1.1	1.9	2.2	<0.01	0.23	5.2	0.077	
90446	91.2	470	8.2	72.7	0.001	1.95	<0.05	10.3	0.5	1.9	1.7	<0.01	0.15	4.6	0.082	
90447	88.1	500	7.8	75.8	0.001	1.98	<0.05	10.5	0.7	1.9	2.1	<0.01	0.20	4.9	0.098	
90448	88.9	570	8.0	93.0	0.003	1.61	<0.05	15.3	0.8	3.8	1.8	<0.01	0.16	4.7	0.165	
90449	108.5	580	5.6	44.9	0.065	1.66	<0.05	16.2	1.6	2.9	2.3	<0.01	0.06	5.8	0.133	
90450	332	580	9.3	23.8	0.052	5.56	<0.05	10.2	10.0	4.0	2.2	<0.01	0.20	5.3	0.081	

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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Page: 3 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
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Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365703**

Sample Description	Method Analyte Units LOD	ME-MS41 TI ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	Zn-OG46 Zn % 0.001	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
90441		2.56	1.42	83	0.11	5.92	95	12.6			
90442		2.51	1.43	83	0.10	5.83	94	12.2			
90443		2.71	1.54	87	0.10	6.00	106	11.8			
90444		1.63	1.20	80	0.16	4.49	639	8.4			
90445		1.66	1.34	80	0.15	4.63	628	8.5			
90446		2.63	1.23	79	0.11	4.01	129	9.2			
90447		2.85	1.27	82	0.09	4.57	116	9.9			
90448		3.53	1.28	108	0.07	5.11	152	11.4			
90449		1.70	1.56	117	0.08	6.21	1195	12.2			
90450		0.89	1.54	107	0.16	8.66	>10000	15.7	1.570		

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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Page: Appendix 1  
 Total # Appendix Pages: 1  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365703**

	<b>CERTIFICATE COMMENTS</b>												
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).            ME-MS41</p>												
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21d</td> <td style="width: 17%;">LOG-22</td> </tr> <tr> <td>PUL-31</td> <td>PUL-31d</td> <td>PUL-QC</td> <td>SPL-21</td> </tr> <tr> <td>SPL-21d</td> <td>WEI-21</td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-21d	LOG-22	PUL-31	PUL-31d	PUL-QC	SPL-21	SPL-21d	WEI-21		
CRU-31	CRU-QC	LOG-21d	LOG-22										
PUL-31	PUL-31d	PUL-QC	SPL-21										
SPL-21d	WEI-21												
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">ME-MS41</td> <td style="width: 33%;">ME-OG46</td> <td style="width: 33%;">Zn-OG46</td> <td></td> </tr> </table>	ME-MS41	ME-OG46	Zn-OG46									
ME-MS41	ME-OG46	Zn-OG46											



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Page: 1  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
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**SD22365707**

Project: LAL-VIC 2022 DDH  
 P.O. No.: BATCH 31  
 This report is for 50 samples of 1/2 Core submitted to our lab in Sudbury, ON,  
 Canada on 19-DEC-2022.

The following have access to data associated with this certificate:

SAHIL ALURKAR  
 FRANCIS NEWTON

FRANCIS NEWTON  
 BRIAN NEWTON

BRIAN NEWTON  
 ACCESS WEBTRIEVE

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Zn-OG46	Ore Grade Zn - Aqua Regia	
ME-MS41	Ultra Trace Aqua Regia ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**

Saa Traxler, Director, North Vancouver Operations





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Page: 2 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
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Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365707**

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Units		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
LOD		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
90451		2.71	0.43	1.17	0.2	<0.02	<10	90	0.14	0.34	0.19	0.29	42.5	29.5	178	1.70
90452		0.69	<0.01	0.02	0.3	<0.02	<10	20	<0.05	0.01	>25.0	0.02	1.11	0.8	2	<0.05
90453		4.48	0.32	1.08	0.6	<0.02	<10	150	0.12	0.30	0.43	0.28	36.7	28.6	172	1.67
90454		1.87	0.44	0.73	0.4	<0.02	<10	40	0.09	1.06	0.26	38.1	51.6	111.5	61	1.26
90455		2.54	1.38	0.66	0.4	<0.02	<10	60	0.14	1.42	0.22	48.1	40.9	122.0	90	1.34
90456		3.90	0.29	0.75	0.2	<0.02	<10	90	0.15	0.28	0.21	0.20	37.5	27.5	167	1.36
90457		2.88	0.24	0.24	0.2	<0.02	<10	10	0.07	0.26	0.33	0.14	39.2	22.7	60	0.21
90458		4.38	0.26	0.14	0.1	<0.02	<10	10	0.10	0.18	0.36	0.06	40.6	20.7	25	<0.05
90459		2.94	0.21	0.14	0.1	<0.02	<10	10	0.09	0.26	0.55	0.09	47.3	25.8	24	<0.05
90460		2.78	0.15	0.10	<0.1	<0.02	<10	<10	0.05	0.16	0.32	0.05	36.1	20.3	21	<0.05
90461		2.46	1.00	0.21	0.5	<0.02	<10	30	0.05	1.18	0.18	51.6	39.8	157.0	39	0.33
90462		<0.02	0.97	0.18	0.5	<0.02	<10	30	0.05	1.18	0.16	50.1	38.7	157.5	34	0.29
90463		2.84	1.07	0.13	0.4	<0.02	<10	10	0.05	1.64	0.37	42.3	28.9	246	17	0.08
90464		1.83	0.73	0.13	0.2	<0.02	<10	10	0.14	1.40	2.86	1.27	20.9	226	133	0.10
90465		1.43	0.99	0.14	0.5	<0.02	<10	10	0.14	1.62	2.57	1.04	18.90	232	161	0.05
90466		3.59	0.84	0.99	0.3	<0.02	<10	60	0.11	1.58	2.52	0.12	7.46	188.0	1010	4.05
90467		3.38	0.75	1.15	0.1	<0.02	<10	30	0.14	1.36	1.33	0.07	24.9	160.5	1110	5.36
90468		2.76	0.52	2.14	0.2	<0.02	<10	40	0.15	1.36	0.34	0.03	7.88	134.5	2120	11.05
90469		4.82	0.34	1.30	0.1	<0.02	<10	100	0.13	0.77	1.84	0.04	5.84	122.0	1280	7.21
90470		4.91	0.28	1.13	0.2	<0.02	<10	100	0.11	0.60	0.77	0.03	5.01	121.5	1275	5.96
90471		4.97	0.26	0.75	0.1	<0.02	<10	140	0.11	0.67	0.52	0.03	8.16	126.0	789	3.29
90472		0.69	0.01	0.02	<0.1	<0.02	<10	10	0.10	0.01	>25.0	0.01	1.30	4.2	3	<0.05
90473		4.63	0.11	0.70	0.3	<0.02	<10	160	0.10	0.48	0.61	<0.01	11.75	113.0	648	2.66
90474		4.98	0.20	2.12	0.2	<0.02	<10	110	0.15	0.65	0.29	0.02	1.39	134.5	2170	14.95
90475		5.14	0.10	1.33	0.2	<0.02	<10	270	0.18	0.12	0.83	0.04	66.1	37.3	398	5.35
90476		5.02	0.02	2.10	<0.1	<0.02	<10	530	0.23	0.03	0.88	0.01	57.3	26.4	515	7.24
90477		4.42	0.03	1.88	0.1	<0.02	<10	440	0.26	0.04	1.07	0.03	72.9	24.0	440	7.16
90478		3.56	0.11	0.39	0.1	<0.02	<10	20	0.09	0.30	2.48	0.01	9.96	91.2	423	0.13
90479		2.93	0.07	0.35	<0.1	<0.02	<10	20	0.08	0.20	1.58	0.02	1.44	70.4	371	0.13
90480		2.98	0.13	0.25	<0.1	<0.02	<10	20	0.10	0.48	1.70	0.02	2.42	104.5	302	0.05
90481		2.91	0.07	2.15	<0.1	<0.02	<10	1330	0.36	0.06	2.79	0.04	95.0	26.6	276	7.39
90482		3.86	0.14	0.34	<0.1	<0.02	<10	80	0.09	0.39	2.65	0.02	4.50	88.2	352	0.32
90483		3.17	0.16	0.29	<0.1	<0.02	<10	20	0.10	0.39	4.72	0.03	1.62	110.0	398	<0.05
90484		3.27	0.05	0.27	<0.1	<0.02	<10	10	<0.05	0.27	3.55	0.02	1.25	60.2	318	<0.05
90485		4.31	0.04	0.52	<0.1	<0.02	<10	30	0.06	0.20	1.17	0.02	1.07	48.0	513	0.55
90486		2.93	0.11	0.25	<0.1	<0.02	<10	30	0.07	0.40	6.10	0.04	2.47	104.0	223	0.49
90487		3.79	0.18	0.21	0.3	<0.02	<10	<10	0.07	0.52	3.98	0.03	1.08	132.0	247	<0.05
90488		2.93	0.23	1.82	<0.1	<0.02	<10	170	0.13	0.73	7.28	0.03	3.03	157.0	1065	16.15
90489		5.14	0.08	0.44	<0.1	<0.02	<10	10	<0.05	0.20	2.48	0.01	0.52	53.0	335	0.48
90490		4.72	0.03	0.89	0.5	<0.02	<10	20	<0.05	0.41	0.10	<0.01	0.04	55.2	660	2.58



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Page: 2 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
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**CERTIFICATE OF ANALYSIS SD22365707**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
90451		279	4.08	8.49	0.31	0.42	<0.01	0.074	0.98	21.8	50.4	1.58	377	8.41	0.06	<0.05
90452		3.6	0.10	0.06	<0.05	<0.02	<0.01	<0.005	<0.01	1.2	0.4	0.55	99	0.24	<0.01	<0.05
90453		281	3.68	7.13	0.23	0.34	<0.01	0.073	0.78	19.9	47.5	1.27	327	25.6	0.06	0.13
90454		359	8.05	6.88	0.13	0.56	0.02	10.75	0.55	24.5	30.8	0.73	382	28.1	0.04	0.12
90455		1965	8.50	8.10	0.12	0.42	0.03	14.05	0.45	19.2	28.4	0.67	474	104.0	0.06	0.10
90456		388	3.17	6.78	0.14	0.39	<0.01	0.073	0.59	20.8	35.7	0.80	175	44.5	0.06	0.09
90457		137.0	2.73	1.28	0.14	0.39	0.01	0.038	0.10	22.6	7.8	0.21	121	8.79	0.07	0.57
90458		397	2.05	0.62	0.09	0.31	<0.01	0.044	0.01	23.9	0.9	0.10	76	5.23	0.06	0.59
90459		370	2.37	0.67	0.10	0.37	<0.01	0.055	0.01	29.2	0.7	0.09	82	4.27	0.08	0.72
90460		250	1.75	0.51	0.10	0.32	<0.01	0.045	0.01	20.2	1.1	0.08	63	11.10	0.06	0.66
90461		1300	8.25	1.86	0.22	0.37	0.03	12.20	0.07	23.9	7.6	0.16	253	11.10	0.06	0.57
90462		1220	7.93	1.71	0.22	0.34	0.05	12.05	0.06	23.5	6.8	0.15	231	9.61	0.04	0.57
90463		1460	12.65	0.94	0.27	0.27	0.03	8.66	0.02	15.3	2.7	0.06	215	8.98	0.05	1.14
90464		1225	11.10	0.74	0.16	0.16	<0.01	0.284	0.02	12.9	1.9	0.17	383	12.70	0.04	1.78
90465		1700	12.15	0.91	0.20	0.15	<0.01	0.233	0.01	11.1	2.1	0.19	364	24.8	0.05	1.50
90466		1565	10.00	5.61	0.19	0.03	<0.01	0.058	0.80	4.1	38.1	1.10	849	2.85	0.04	<0.05
90467		1160	9.64	6.35	0.20	0.10	<0.01	0.036	0.91	12.2	46.3	1.26	666	2.19	0.05	0.11
90468		442	8.49	10.90	0.19	0.03	<0.01	0.017	1.89	3.4	86.4	2.46	1125	1.57	0.04	<0.05
90469		227	5.41	5.76	0.14	0.07	<0.01	0.014	1.04	2.6	57.7	1.45	987	1.11	0.05	<0.05
90470		270	4.67	5.20	0.13	0.05	<0.01	0.012	0.88	2.3	53.9	1.27	677	0.70	0.04	<0.05
90471		155.0	3.98	3.38	0.15	0.09	<0.01	0.007	0.57	3.7	28.6	0.84	408	0.98	0.05	<0.05
90472		5.2	0.12	0.12	<0.05	<0.02	<0.01	<0.005	<0.01	1.3	0.4	0.53	118	0.30	<0.01	0.05
90473		73.9	2.91	2.95	0.11	0.09	<0.01	0.006	0.48	4.7	26.3	0.77	372	0.41	0.07	<0.05
90474		115.0	5.54	8.56	0.24	0.03	<0.01	0.008	1.90	0.7	87.9	2.30	874	0.61	0.05	<0.05
90475		102.5	2.63	4.97	0.11	0.30	<0.01	0.013	0.96	33.0	58.8	1.65	326	0.49	0.08	0.05
90476		14.4	2.75	7.30	0.13	0.24	0.01	0.010	1.43	28.1	102.0	2.61	343	0.73	0.06	<0.05
90477		11.6	2.69	6.86	0.14	0.26	<0.01	0.014	1.33	35.8	80.0	2.32	384	1.28	0.08	<0.05
90478		100.5	2.23	1.64	0.11	0.06	<0.01	0.006	0.07	5.1	6.5	0.50	594	0.89	0.08	<0.05
90479		39.4	1.65	1.37	0.05	0.05	<0.01	0.008	0.08	0.8	5.9	0.49	431	0.54	0.08	<0.05
90480		104.0	2.01	1.05	0.05	0.05	<0.01	0.007	0.04	1.3	6.0	0.42	371	1.51	0.05	<0.05
90481		30.6	3.92	8.82	0.20	0.32	0.01	0.017	1.75	45.3	91.9	2.35	625	0.42	0.07	0.09
90482		101.0	2.43	1.44	0.08	0.07	<0.01	0.006	0.11	2.0	8.6	0.45	692	0.39	0.07	<0.05
90483		116.5	2.64	1.18	0.10	0.04	<0.01	0.005	0.06	0.8	4.9	0.35	1245	0.28	0.08	<0.05
90484		83.4	1.19	1.10	<0.05	0.05	<0.01	0.007	0.04	0.6	4.7	0.35	796	0.49	0.07	<0.05
90485		61.4	1.57	1.89	0.05	0.06	<0.01	0.008	0.12	0.5	12.4	0.65	499	0.15	0.13	<0.05
90486		96.0	2.26	1.06	0.06	0.04	<0.01	0.005	0.08	1.3	9.0	0.34	1135	2.12	0.05	<0.05
90487		97.2	2.87	0.92	0.10	0.04	<0.01	0.007	0.01	0.6	3.4	0.33	773	0.37	0.06	<0.05
90488		102.5	4.73	5.21	0.18	0.04	<0.01	0.010	1.21	1.9	81.6	2.65	1620	10.45	0.16	<0.05
90489		31.6	1.63	1.28	<0.05	<0.02	<0.01	<0.005	0.03	0.3	2.0	1.50	507	0.28	<0.01	<0.05
90490		18.0	1.13	2.72	<0.05	<0.02	<0.01	<0.005	0.18	<0.2	3.9	2.10	64	0.22	<0.01	<0.05



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365707**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
90451		114.0	570	12.6	63.4	0.002	2.18	0.06	16.2	3.2	4.4	2.3	<0.01	0.17	5.5	0.108
90452		<0.2	60	0.3	0.2	<0.001	0.01	<0.05	0.3	0.6	<0.2	82.0	<0.01	0.01	<0.2	<0.005
90453		93.5	750	8.8	54.1	0.027	1.64	<0.05	11.0	2.0	3.4	5.3	<0.01	0.10	5.0	0.162
90454		420	590	13.6	29.9	0.032	4.29	<0.05	12.8	7.8	2.7	3.6	<0.01	0.12	6.3	0.103
90455		443	760	18.2	26.1	0.083	4.91	<0.05	15.6	9.7	3.3	3.2	<0.01	0.15	3.8	0.093
90456		92.9	610	12.2	43.7	0.059	1.56	<0.05	11.6	2.4	3.9	2.1	<0.01	0.10	5.3	0.128
90457		83.9	700	8.4	8.2	0.009	1.45	<0.05	1.9	1.8	1.8	3.2	<0.01	0.08	5.5	0.124
90458		83.2	690	5.1	0.2	0.007	1.10	<0.05	1.0	1.2	1.9	4.4	<0.01	0.04	5.6	0.106
90459		103.5	860	7.6	0.1	0.006	1.26	<0.05	0.9	1.6	3.5	6.4	<0.01	0.04	6.1	0.116
90460		83.1	260	5.0	0.3	0.011	1.00	<0.05	0.6	1.3	4.2	2.9	<0.01	0.03	5.7	0.102
90461		831	250	15.9	7.9	0.009	4.83	<0.05	1.3	9.3	4.8	2.2	<0.01	0.25	3.8	0.118
90462		826	220	16.3	6.9	0.007	4.62	<0.05	1.2	9.5	4.5	2.0	<0.01	0.24	3.5	0.107
90463		1405	590	18.8	1.2	0.013	6.33	<0.05	1.2	13.0	5.5	4.7	<0.01	0.31	2.3	0.112
90464		1595	3970	12.0	1.0	0.025	5.08	<0.05	1.9	8.4	5.9	20.6	<0.01	0.43	0.8	0.108
90465		1570	3500	14.9	0.4	0.036	5.73	<0.05	2.1	9.5	6.4	19.0	<0.01	0.53	0.7	0.112
90466		1520	450	10.4	48.8	0.010	4.26	<0.05	2.8	6.6	3.8	17.9	<0.01	0.60	<0.2	0.122
90467		1550	1710	11.9	57.6	0.007	4.10	<0.05	3.3	6.2	3.8	14.6	<0.01	0.51	1.2	0.150
90468		2020	290	11.0	117.0	0.001	3.12	<0.05	3.9	5.2	2.8	4.3	<0.01	0.44	0.3	0.202
90469		1600	220	8.0	66.3	0.001	2.16	<0.05	4.3	2.6	2.4	18.5	<0.01	0.26	0.7	0.151
90470		1510	180	7.9	55.2	<0.001	1.86	<0.05	3.0	2.2	1.8	7.3	<0.01	0.25	0.6	0.141
90471		1640	380	9.8	35.1	0.002	1.66	0.30	3.9	1.5	1.7	7.8	<0.01	0.25	0.7	0.132
90472		4.5	60	0.7	0.3	<0.001	<0.01	0.09	0.9	0.3	<0.2	80.1	<0.01	0.01	<0.2	<0.005
90473		1340	490	4.9	24.7	0.001	1.03	<0.05	3.7	0.8	1.0	10.3	<0.01	0.20	0.9	0.130
90474		1970	70	5.1	96.6	0.001	1.30	<0.05	6.2	1.4	1.4	2.9	<0.01	0.23	<0.2	0.212
90475		362	1500	7.0	47.3	<0.001	0.35	<0.05	4.0	0.3	0.6	17.3	<0.01	0.04	4.1	0.170
90476		170.5	1550	2.6	71.7	<0.001	0.02	<0.05	4.0	0.2	0.4	18.5	<0.01	0.01	3.6	0.190
90477		160.5	1810	6.2	68.8	0.001	0.04	<0.05	4.3	<0.2	0.7	21.1	<0.01	<0.01	4.3	0.196
90478		1470	170	1.7	1.2	0.001	0.82	<0.05	4.7	0.7	0.2	33.3	<0.01	0.15	0.2	0.063
90479		813	130	2.8	1.1	0.001	0.46	<0.05	4.5	0.4	0.4	17.8	<0.01	0.08	<0.2	0.074
90480		1800	190	2.3	0.5	0.003	0.89	<0.05	3.5	0.7	0.5	22.1	<0.01	0.17	0.2	0.054
90481		68.0	2640	6.4	115.0	0.001	0.30	<0.05	5.6	0.2	0.6	113.5	0.01	0.02	6.3	0.285
90482		1525	290	2.8	3.9	<0.001	0.93	<0.05	4.2	0.6	0.4	41.1	<0.01	0.18	0.5	0.063
90483		1600	110	3.5	0.3	0.001	1.02	<0.05	4.8	1.0	0.4	76.3	<0.01	0.20	<0.2	0.060
90484		760	140	2.3	0.2	0.001	0.27	<0.05	4.6	0.3	<0.2	29.0	<0.01	0.09	<0.2	0.065
90485		588	170	1.6	5.0	<0.001	0.18	<0.05	5.9	<0.2	<0.2	5.9	<0.01	0.05	<0.2	0.081
90486		1460	490	4.7	3.9	0.005	1.00	<0.05	3.1	0.7	0.8	120.0	<0.01	0.08	<0.2	0.054
90487		2130	130	5.2	0.1	<0.001	1.38	<0.05	3.3	0.6	0.5	63.5	<0.01	0.12	<0.2	0.046
90488		2990	120	8.2	69.5	0.017	1.48	<0.05	5.8	1.0	0.5	179.5	<0.01	0.20	<0.2	0.094
90489		1130	140	4.0	1.6	0.001	0.66	<0.05	1.5	<0.2	<0.2	58.3	<0.01	0.06	<0.2	0.010
90490		1260	<10	0.4	8.7	0.001	0.29	<0.05	1.5	<0.2	<0.2	0.9	<0.01	0.08	<0.2	0.017



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365707**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Zn-OG46	CRU-QC	PUL-QC
		TI ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Zn %	Pass2mm %	Pass75um %
		0.02	0.05	1	0.05	0.05	2	0.5	0.001	0.01	0.01
90451		2.07	1.31	112	0.19	7.18	196	16.4		82.8	92.8
90452		<0.02	0.10	<1	<0.05	2.13	2	<0.5			
90453		1.66	1.04	96	0.19	6.44	189	13.2			
90454		0.89	1.62	80	0.12	9.52	>10000	22.0	2.09		90.0
90455		0.73	2.27	89	0.32	9.67	>10000	17.5	2.72		
90456		1.40	1.20	85	0.17	5.43	206	15.0			
90457		0.25	1.12	30	0.21	5.65	99	14.1			
90458		<0.02	1.02	20	0.14	4.88	44	11.8			
90459		<0.02	1.16	19	0.14	5.55	57	12.9			
90460		<0.02	1.01	12	0.11	4.32	60	12.8			
90461		0.21	0.62	32	0.13	7.30	>10000	14.0	2.60		
90462		0.18	0.59	29	0.12	6.49	>10000	13.2	2.53		
90463		0.08	0.36	17	0.11	10.55	>10000	10.2	2.08		
90464		0.13	1.28	31	0.09	9.55	712	4.9			
90465		0.11	1.17	29	0.09	9.12	569	4.1			
90466		1.55	0.14	60	<0.05	5.40	263	0.7			
90467		1.67	0.46	75	0.05	6.20	140	3.4			
90468		2.99	0.07	116	<0.05	2.69	124	1.1			
90469		1.88	0.10	67	<0.05	5.01	73	1.8			
90470		1.65	0.08	64	<0.05	3.40	56	1.5			
90471		1.05	0.13	49	<0.05	3.38	37	1.9			
90472		<0.02	0.26	<1	<0.05	4.01	2	<0.5			
90473		0.58	0.18	42	0.05	3.43	24	2.0			
90474		1.98	<0.05	105	<0.05	1.39	80	0.6			
90475		0.88	0.69	49	<0.05	4.49	41	10.1			
90476		1.22	0.55	60	<0.05	3.74	46	7.7			
90477		1.18	0.71	57	0.06	4.77	55	9.5			
90478		0.09	<0.05	27	<0.05	2.93	11	1.0			
90479		0.05	<0.05	25	<0.05	3.12	12	0.8			
90480		0.07	0.10	19	<0.05	2.96	13	1.0			
90481		1.29	1.48	101	0.05	10.75	77	11.8			
90482		0.09	0.12	25	<0.05	3.31	13	1.8			
90483		0.04	<0.05	23	<0.05	4.43	12	0.8			
90484		0.03	<0.05	23	<0.05	4.01	8	0.6			
90485		0.11	0.06	36	<0.05	2.94	15	0.9			
90486		0.09	0.57	16	<0.05	5.72	8	0.7			
90487		0.03	<0.05	16	<0.05	4.28	8	0.6			
90488		0.99	<0.05	44	<0.05	5.16	23	1.0			
90489		0.04	<0.05	10	<0.05	0.79	6	<0.5			90.0
90490		0.14	<0.05	21	<0.05	0.10	8	<0.5	77.9		93.7



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To: MINROC MANAGEMENT LTD.  
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Page: 3 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365707**

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Recvd Wt. kg	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm
		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
90491		1.70	0.04	0.77	0.4	<0.02	<10	10	<0.05	0.41	0.87	0.01	0.19	56.6	583	1.68
90492		1.62	0.04	0.83	0.2	<0.02	<10	10	<0.05	0.39	0.58	<0.01	0.16	59.3	604	2.20
90493		5.06	0.03	1.25	<0.1	<0.02	<10	10	<0.05	0.35	14.40	0.02	1.91	92.3	816	0.35
90494		3.73	0.02	0.65	<0.1	<0.02	<10	130	<0.05	0.24	13.85	0.02	1.24	53.3	353	3.34
90495		<0.02	0.02	0.67	<0.1	<0.02	<10	140	<0.05	0.23	13.80	0.02	1.30	56.8	368	3.48
90496		4.62	0.03	1.19	<0.1	<0.02	<10	70	<0.05	0.17	17.85	0.03	2.07	67.0	652	1.94
90497		5.20	0.04	0.57	22.7	<0.02	<10	70	<0.05	0.09	16.95	0.02	2.33	37.2	406	1.66
90498		4.82	0.01	0.70	<0.1	<0.02	<10	220	<0.05	0.07	18.90	0.03	1.52	43.2	372	4.84
90499		4.76	0.01	0.13	<0.1	<0.02	<10	10	<0.05	0.08	11.15	0.02	1.10	19.1	109	0.05
90500		5.00	0.06	0.76	<0.1	<0.02	<10	250	<0.05	0.02	7.72	0.04	0.94	26.4	454	5.83

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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Page: 3 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
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**CERTIFICATE OF ANALYSIS SD22365707**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
90491		29.8	1.23	2.28	<0.05	<0.02	<0.01	<0.005	0.12	<0.2	2.7	2.06	209	0.15	<0.01	<0.05
90492		31.6	1.26	2.38	<0.05	<0.02	<0.01	<0.005	0.16	<0.2	3.5	2.02	132	0.18	<0.01	<0.05
90493		23.1	2.21	2.53	<0.05	0.02	<0.01	<0.005	0.02	1.1	7.5	3.14	2230	0.13	0.03	<0.05
90494		32.2	1.66	1.49	<0.05	<0.02	<0.01	0.005	0.32	0.7	20.4	1.69	2180	0.12	0.04	<0.05
90495		37.0	1.68	1.55	<0.05	0.02	<0.01	<0.005	0.33	0.8	21.3	1.74	2190	0.09	0.04	<0.05
90496		29.7	2.11	2.73	<0.05	0.02	<0.01	<0.005	0.18	1.2	16.0	2.24	2560	0.16	0.04	<0.05
90497		8.3	1.11	1.43	<0.05	0.02	<0.01	<0.005	0.17	1.4	15.3	1.18	2390	0.06	0.06	<0.05
90498		21.3	1.55	1.69	<0.05	0.02	<0.01	<0.005	0.44	0.9	26.2	1.51	2790	0.05	0.05	<0.05
90499		17.4	0.59	0.44	<0.05	<0.02	<0.01	<0.005	0.01	0.6	2.1	0.44	1455	<0.05	0.02	<0.05
90500		20.1	1.17	2.00	<0.05	<0.02	<0.01	<0.005	0.61	0.5	33.3	1.38	1050	0.31	0.04	<0.05

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 3 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365707
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Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
90491		1265	70	0.8	5.7	0.001	0.38	<0.05	1.6	<0.2	<0.2	18.4	<0.01	0.07	<0.2	0.014
90492		1300	30	0.8	7.8	0.001	0.41	<0.05	1.6	<0.2	<0.2	11.0	<0.01	0.07	<0.2	0.017
90493		1255	90	8.4	1.2	0.001	0.27	<0.05	3.7	0.2	<0.2	308	<0.01	0.06	<0.2	0.018
90494		925	70	8.0	20.8	<0.001	0.21	<0.05	2.6	0.3	<0.2	249	<0.01	0.04	<0.2	0.029
90495		954	60	8.2	22.0	<0.001	0.22	<0.05	2.7	<0.2	<0.2	251	<0.01	0.05	<0.2	0.030
90496		893	100	8.9	9.8	0.001	0.10	<0.05	4.1	<0.2	<0.2	287	<0.01	0.03	<0.2	0.028
90497		490	90	7.0	9.5	<0.001	0.03	<0.05	3.8	<0.2	<0.2	240	<0.01	0.05	<0.2	0.027
90498		616	70	7.3	29.6	0.001	0.07	<0.05	3.1	<0.2	<0.2	323	<0.01	0.03	<0.2	0.036
90499		380	50	4.0	0.3	0.001	0.09	<0.05	2.1	<0.2	<0.2	210	<0.01	0.04	<0.2	0.007
90500		356	60	5.1	35.0	<0.001	0.03	<0.05	2.2	<0.2	<0.2	149.5	<0.01	0.01	<0.2	0.044

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Page: 3 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365707
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Sample Description	Method Analyte Units LOD	ME-MS41 TI ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	Zn-OG46 Zn % 0.001	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
90491		0.09	<0.05	18	<0.05	0.25	7	<0.5			
90492		0.13	<0.05	19	<0.05	0.22	7	<0.5			
90493		0.03	<0.05	21	<0.05	5.76	9	<0.5			
90494		0.28	<0.05	12	<0.05	4.34	7	<0.5			
90495		0.28	<0.05	12	<0.05	4.65	8	<0.5			
90496		0.14	<0.05	22	<0.05	7.55	10	<0.5			
90497		0.14	<0.05	13	<0.05	7.11	6	<0.5			
90498		0.35	<0.05	11	<0.05	7.43	8	<0.5			
90499		<0.02	<0.05	4	<0.05	3.56	4	<0.5			
90500		0.46	<0.05	14	<0.05	2.91	15	<0.5			

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Page: Appendix 1  
 Total # Appendix Pages: 1  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365707**

	<b>CERTIFICATE COMMENTS</b>												
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).            ME-MS41</p>												
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21d</td> <td style="width: 33%;">LOG-22</td> </tr> <tr> <td>PUL-31</td> <td>PUL-31d</td> <td>PUL-QC</td> <td>SPL-21</td> </tr> <tr> <td>SPL-21d</td> <td>WEI-21</td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-21d	LOG-22	PUL-31	PUL-31d	PUL-QC	SPL-21	SPL-21d	WEI-21		
CRU-31	CRU-QC	LOG-21d	LOG-22										
PUL-31	PUL-31d	PUL-QC	SPL-21										
SPL-21d	WEI-21												
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">ME-MS41</td> <td style="width: 33%;">ME-OG46</td> <td style="width: 33%;">Zn-OG46</td> <td style="width: 33%;"></td> </tr> </table>	ME-MS41	ME-OG46	Zn-OG46									
ME-MS41	ME-OG46	Zn-OG46											



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**2857 SHERWOOD HEIGHTS DRIVE, UNIT 2**  
**OAKVILLE ON L6J 7J9**

Page: 1  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
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**SD22365710**

Project: LAL-VIC 2022 DDH  
 P.O. No.: BATCH 32  
 This report is for 50 samples of 1/2 Core submitted to our lab in Sudbury, ON,  
 Canada on 19-DEC-2022.

The following have access to data associated with this certificate:

SAHIL ALURKAR  
 FRANCIS NEWTON

FRANCIS NEWTON  
 BRIAN NEWTON

BRIAN NEWTON  
 ACCESS WEBTRIEVE

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21d	Sample logging - ClientBarCode Dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Cu-OG46	Ore Grade Cu - Aqua Regia	
ME-MS41	Ultra Trace Aqua Regia ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**

Saa Traxler, Director, North Vancouver Operations



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Page: 2 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365710**

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Units		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
LOD		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
98001		4.53	0.05	0.56	<0.1	<0.02	<10	230	<0.05	0.06	3.38	0.02	0.55	12.3	307	3.78
98002		1.15	<0.01	0.02	<0.1	<0.02	<10	10	<0.05	0.02	>25.0	0.01	0.93	5.7	2	<0.05
98003		4.11	0.03	0.81	<0.1	<0.02	<10	330	<0.05	0.03	0.71	<0.01	0.16	17.0	425	6.05
98004		4.32	0.06	0.34	<0.1	<0.02	<10	120	<0.05	0.13	1.98	0.01	0.28	7.4	178	1.85
98005		0.06	2.84	0.36	22.3	1.08	<10	10	<0.05	0.61	0.44	0.98	3.10	1120	81	0.55
98006		4.41	0.10	0.42	<0.1	<0.02	<10	60	<0.05	0.14	8.81	0.02	0.92	19.7	227	1.80
98007		4.45	0.02	1.19	0.3	<0.02	<10	<10	<0.05	0.11	0.22	0.01	0.10	25.1	718	0.38
98008		4.45	0.01	1.18	0.2	<0.02	<10	<10	<0.05	0.14	0.29	0.01	0.10	25.4	779	0.28
98009		4.77	0.01	1.12	0.1	<0.02	<10	<10	<0.05	0.08	0.19	0.01	0.08	24.0	759	0.37
98010		4.65	<0.01	1.29	0.1	<0.02	<10	<10	<0.05	0.05	0.11	<0.01	0.09	25.1	820	0.59
98011		4.71	<0.01	1.31	0.2	<0.02	<10	<10	<0.05	0.05	0.09	<0.01	0.07	23.7	848	0.73
98012		<0.02	<0.01	1.30	0.1	<0.02	<10	<10	<0.05	0.06	0.09	<0.01	0.07	23.7	829	0.73
98013		4.66	0.01	1.19	0.1	<0.02	<10	<10	<0.05	0.10	0.10	<0.01	0.08	25.2	772	0.53
98014		2.79	0.03	2.33	0.3	<0.02	<10	60	<0.05	0.45	1.51	0.01	0.69	98.7	1470	2.89
98015		2.28	0.03	1.94	0.4	<0.02	<10	30	<0.05	0.31	1.79	0.01	0.78	83.2	1210	1.80
98016		4.80	0.03	1.77	0.5	<0.02	<10	200	<0.05	0.59	8.34	0.02	2.82	76.0	833	9.15
98017		5.02	0.02	1.03	0.5	<0.02	<10	50	<0.05	0.46	1.74	0.01	0.41	41.4	552	2.22
98018		4.85	0.03	1.92	0.3	<0.02	<10	<10	<0.05	0.39	1.76	0.01	0.69	71.0	1290	0.39
98019		4.88	0.02	1.69	0.4	<0.02	<10	<10	<0.05	0.26	0.41	<0.01	0.25	39.3	1100	0.52
98020		4.96	0.01	1.67	0.7	<0.02	<10	<10	<0.05	0.36	0.65	0.01	0.57	41.6	1115	0.57
98021		5.46	0.01	1.77	0.7	<0.02	<10	<10	<0.05	0.43	0.41	0.01	0.20	43.1	1155	0.55
98022		1.19	<0.01	0.04	<0.1	<0.02	<10	10	<0.05	0.01	>25.0	0.01	0.88	1.2	12	<0.05
98023		4.77	0.01	1.71	0.6	<0.02	<10	<10	<0.05	0.46	0.62	0.01	0.31	45.1	1085	0.46
98024		4.72	0.03	1.63	0.5	<0.02	<10	<10	<0.05	0.55	0.45	0.01	0.18	46.8	1030	0.44
98025		5.17	0.01	1.23	0.5	<0.02	<10	<10	<0.05	0.54	0.64	<0.01	0.31	35.6	869	0.30
98026		4.79	0.01	1.01	1.2	<0.02	<10	<10	<0.05	0.65	2.50	0.01	0.99	32.1	762	0.19
98027		4.46	<0.01	1.00	1.5	<0.02	<10	<10	<0.05	0.85	3.06	0.01	1.00	34.7	751	0.16
98028		5.20	0.01	1.07	1.5	<0.02	<10	<10	<0.05	0.96	3.51	0.01	1.11	43.0	775	0.22
98029		5.20	0.03	1.17	0.4	<0.02	<10	<10	<0.05	0.69	3.44	0.01	0.94	50.6	869	0.25
98030		4.94	0.05	1.58	0.6	<0.02	<10	<10	<0.05	0.50	1.87	0.01	0.46	53.1	1040	0.28
98031		5.01	0.06	1.51	0.2	<0.02	<10	<10	<0.05	0.38	0.49	<0.01	0.23	46.8	944	0.25
98032		2.95	0.11	2.49	0.3	<0.02	<10	350	0.19	0.56	0.18	<0.01	0.18	51.2	1155	21.0
98033		3.44	0.03	3.32	<0.1	<0.02	<10	970	0.75	0.28	1.14	0.02	61.3	35.0	442	36.9
98034		3.35	0.02	3.81	<0.1	<0.02	<10	1040	0.26	0.36	0.33	<0.01	28.4	40.9	792	49.9
98035		3.23	0.15	3.89	<0.1	<0.02	<10	1100	0.29	0.26	0.73	0.01	54.3	36.0	555	46.9
98036		3.65	0.04	1.79	0.6	<0.02	<10	10	<0.05	0.42	0.29	<0.01	1.61	50.9	1000	0.67
98037		4.58	0.03	1.68	0.6	<0.02	<10	<10	<0.05	0.56	0.60	<0.01	0.49	52.2	1165	0.53
98038		4.76	0.02	1.67	0.5	<0.02	<10	<10	<0.05	0.65	2.45	0.01	1.14	49.1	1105	0.50
98039		4.52	0.01	1.54	0.6	<0.02	<10	<10	<0.05	0.75	3.29	0.01	1.26	43.1	1035	0.47
98040		4.61	<0.01	1.38	1.1	<0.02	<10	<10	<0.05	0.63	2.89	0.01	1.08	35.7	932	0.43



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Page: 2 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

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**CERTIFICATE OF ANALYSIS SD22365710**

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
	Analyte Units LOD	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
98001		13.7	0.88	1.35	<0.05	<0.02	<0.01	<0.005	0.43	0.3	24.2	1.15	437	0.23	0.04	<0.05
98002		7.3	0.15	0.10	<0.05	<0.02	<0.01	<0.005	<0.01	1.1	0.3	1.41	120	0.59	<0.01	<0.05
98003		7.9	1.02	1.82	<0.05	<0.02	<0.01	<0.005	0.70	<0.2	37.5	1.46	124	0.22	0.04	<0.05
98004		13.8	0.62	0.80	<0.05	<0.02	<0.01	<0.005	0.22	0.2	13.6	0.80	269	0.17	0.03	<0.05
98005		>10000	31.5	2.12	1.41	0.08	0.02	0.108	0.03	1.7	3.1	0.42	170	2.23	0.01	0.18
98006		21.2	1.03	1.06	<0.05	<0.02	<0.01	<0.005	0.17	0.5	9.6	1.25	1215	0.13	0.02	<0.05
98007		9.4	1.34	2.87	<0.05	<0.02	<0.01	0.005	0.01	<0.2	2.9	2.26	128	0.31	0.01	<0.05
98008		10.8	1.25	2.92	<0.05	<0.02	<0.01	<0.005	0.01	<0.2	1.8	2.42	120	0.24	0.01	<0.05
98009		9.3	1.12	2.95	<0.05	<0.02	<0.01	<0.005	0.01	<0.2	1.3	2.39	87	0.17	0.01	<0.05
98010		2.4	1.15	3.55	0.05	<0.02	<0.01	0.007	0.02	<0.2	1.1	2.88	81	0.16	0.01	<0.05
98011		1.8	1.12	3.49	<0.05	<0.02	<0.01	0.008	0.02	<0.2	1.3	2.99	76	0.20	0.01	<0.05
98012		1.7	1.09	3.55	0.05	<0.02	<0.01	0.007	0.02	<0.2	1.2	2.95	72	0.13	0.01	<0.05
98013		10.8	1.10	3.13	<0.05	<0.02	<0.01	0.006	0.02	<0.2	1.1	2.67	77	0.10	0.01	<0.05
98014		103.0	3.70	5.21	0.08	<0.02	<0.01	0.009	0.21	0.3	15.6	4.66	588	0.17	0.02	<0.05
98015		99.8	3.21	4.20	0.08	<0.02	<0.01	0.010	0.12	0.4	11.1	4.12	583	0.18	0.02	<0.05
98016		54.6	3.24	3.22	0.07	0.02	<0.01	0.008	0.75	1.6	45.3	4.42	1885	0.16	0.09	<0.05
98017		25.9	1.79	2.22	<0.05	<0.02	<0.01	<0.005	0.17	0.2	12.7	2.60	554	0.17	0.02	<0.05
98018		76.8	2.63	4.49	0.06	<0.02	<0.01	0.010	0.01	0.3	3.5	4.42	482	0.14	0.01	<0.05
98019		26.4	1.67	4.35	0.06	<0.02	<0.01	0.011	0.01	<0.2	1.3	3.80	110	0.13	0.01	<0.05
98020		20.1	1.64	4.26	0.06	<0.02	<0.01	0.008	0.01	0.2	1.3	3.92	124	0.15	0.01	<0.05
98021		15.7	1.71	4.80	0.06	<0.02	<0.01	0.011	0.01	<0.2	1.5	4.18	131	0.12	0.01	<0.05
98022		1.8	0.13	0.09	<0.05	<0.02	<0.01	<0.005	0.01	1.1	0.3	0.97	95	0.15	0.01	<0.05
98023		36.1	1.83	4.47	0.07	<0.02	<0.01	0.009	0.01	<0.2	1.6	3.91	145	0.13	0.01	<0.05
98024		51.7	1.86	4.29	0.06	<0.02	<0.01	0.008	0.01	<0.2	1.7	3.55	111	0.20	0.01	<0.05
98025		11.0	1.26	3.49	0.05	<0.02	<0.01	0.006	0.01	<0.2	1.0	3.26	114	0.11	0.01	<0.05
98026		4.9	1.27	2.90	0.05	<0.02	<0.01	0.007	<0.01	0.4	1.0	3.88	242	0.11	0.01	<0.05
98027		7.1	1.29	2.71	<0.05	<0.02	<0.01	0.008	<0.01	0.4	0.8	4.22	247	0.19	0.01	<0.05
98028		15.3	1.55	2.85	0.06	<0.02	<0.01	0.007	<0.01	0.5	0.9	4.54	319	0.13	0.01	<0.05
98029		51.2	1.91	3.00	0.06	<0.02	<0.01	0.009	<0.01	0.4	1.1	4.36	391	0.13	0.01	<0.05
98030		57.8	2.17	3.95	0.06	<0.02	<0.01	0.009	<0.01	0.2	1.5	4.15	272	0.18	0.01	<0.05
98031		57.5	2.05	3.99	0.07	<0.02	<0.01	0.006	<0.01	<0.2	1.7	3.16	121	0.16	0.01	<0.05
98032		36.1	2.80	6.79	0.09	<0.02	<0.01	0.007	1.20	<0.2	74.9	4.44	137	0.34	0.09	<0.05
98033		2.1	3.81	8.32	0.20	0.14	<0.01	0.021	2.01	30.3	169.5	4.47	377	0.21	0.38	<0.05
98034		0.9	3.87	9.30	0.12	0.06	<0.01	0.010	2.95	15.6	208	5.59	284	0.12	0.31	<0.05
98035		8.7	4.60	9.16	0.17	0.09	<0.01	0.018	2.79	26.5	182.5	5.37	330	0.18	0.35	<0.05
98036		62.3	2.17	4.78	0.09	<0.02	<0.01	0.008	0.02	0.8	3.0	3.58	107	0.21	0.01	<0.05
98037		48.0	1.82	4.56	0.07	<0.02	<0.01	0.009	0.01	0.2	1.7	3.83	114	0.16	0.01	<0.05
98038		39.2	1.89	4.25	0.07	<0.02	<0.01	0.010	0.01	0.5	1.3	4.94	259	0.15	0.01	<0.05
98039		16.7	1.67	3.87	0.07	<0.02	<0.01	0.012	<0.01	0.5	0.9	5.32	294	0.11	0.01	<0.05
98040		8.4	1.43	3.36	0.06	<0.02	<0.01	0.011	<0.01	0.4	0.9	4.89	228	0.14	0.01	<0.05



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365710**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
98001		231	30	1.1	26.8	<0.001	0.01	<0.05	2.1	<0.2	<0.2	70.5	<0.01	0.01	<0.2	0.038
98002		<0.2	70	0.3	0.1	<0.001	0.02	<0.05	0.6	0.6	<0.2	80.8	<0.01	0.01	<0.2	<0.005
98003		315	40	<0.2	42.1	<0.001	<0.01	<0.05	1.7	<0.2	<0.2	6.9	<0.01	0.01	<0.2	0.054
98004		163.5	60	0.6	11.2	<0.001	<0.01	<0.05	1.6	<0.2	<0.2	36.2	<0.01	0.01	<0.2	0.023
98005		>10000	70	35.8	1.4	0.041	>10.0	0.29	1.8	10.4	1.0	4.4	<0.01	1.03	0.5	0.037
98006		389	70	3.7	9.0	0.001	0.05	<0.05	1.8	<0.2	<0.2	152.0	<0.01	0.02	<0.2	0.019
98007		518	20	1.2	0.9	<0.001	0.05	<0.05	0.9	<0.2	<0.2	2.0	<0.01	0.01	<0.2	0.020
98008		533	<10	0.9	0.6	<0.001	0.06	<0.05	0.9	<0.2	<0.2	3.9	<0.01	0.01	<0.2	0.019
98009		478	<10	0.7	0.9	<0.001	0.04	<0.05	1.0	0.2	<0.2	2.0	<0.01	0.01	<0.2	0.018
98010		453	<10	0.6	1.7	<0.001	0.01	<0.05	1.3	<0.2	<0.2	1.0	<0.01	0.01	<0.2	0.019
98011		453	<10	0.3	2.0	<0.001	0.01	<0.05	1.4	<0.2	<0.2	0.6	<0.01	0.01	<0.2	0.021
98012		447	<10	0.3	1.9	<0.001	0.01	<0.05	1.3	<0.2	<0.2	0.7	<0.01	0.01	<0.2	0.020
98013		480	<10	0.4	1.4	<0.001	0.04	<0.05	1.1	0.2	<0.2	0.8	<0.01	0.01	<0.2	0.018
98014		1450	170	2.5	11.6	0.001	0.31	<0.05	7.4	0.5	<0.2	40.2	<0.01	0.04	<0.2	0.046
98015		1235	250	1.6	6.0	0.001	0.30	<0.05	5.3	0.3	<0.2	49.0	<0.01	0.04	<0.2	0.038
98016		1280	90	4.6	39.9	0.001	0.21	<0.05	4.8	0.4	<0.2	171.5	<0.01	0.05	<0.2	0.058
98017		897	90	1.1	9.7	<0.001	0.19	<0.05	0.8	0.3	<0.2	48.5	<0.01	0.04	<0.2	0.026
98018		1145	120	1.7	0.8	<0.001	0.29	<0.05	2.7	0.3	<0.2	58.3	<0.01	0.04	<0.2	0.027
98019		722	40	0.6	1.1	<0.001	0.11	<0.05	2.0	0.3	<0.2	12.6	<0.01	0.03	<0.2	0.023
98020		739	280	0.8	1.3	<0.001	0.10	<0.05	2.4	0.2	<0.2	22.3	<0.01	0.03	<0.2	0.020
98021		757	<10	0.6	1.2	<0.001	0.08	<0.05	2.7	0.3	<0.2	14.7	<0.01	0.04	<0.2	0.023
98022		6.2	60	0.2	0.3	<0.001	0.01	<0.05	0.3	0.7	<0.2	75.5	<0.01	<0.01	<0.2	<0.005
98023		842	50	0.9	0.8	<0.001	0.17	<0.05	2.1	0.3	<0.2	20.3	<0.01	0.04	<0.2	0.021
98024		898	10	0.7	0.8	0.001	0.23	<0.05	1.7	0.3	<0.2	9.8	<0.01	0.05	<0.2	0.022
98025		702	10	0.6	0.5	<0.001	0.08	<0.05	1.9	<0.2	<0.2	31.9	<0.01	0.04	<0.2	0.018
98026		616	30	1.3	0.3	<0.001	0.04	<0.05	2.6	<0.2	<0.2	136.5	<0.01	0.04	<0.2	0.017
98027		711	20	1.6	0.2	<0.001	0.06	<0.05	2.6	0.2	<0.2	185.0	<0.01	0.05	<0.2	0.015
98028		896	40	1.6	0.3	0.001	0.11	<0.05	2.2	0.3	<0.2	208	<0.01	0.08	<0.2	0.015
98029		967	70	1.6	0.3	<0.001	0.25	<0.05	2.1	0.3	<0.2	185.0	<0.01	0.06	<0.2	0.016
98030		1025	<10	0.9	0.4	0.001	0.35	<0.05	1.7	0.4	<0.2	91.8	<0.01	0.06	<0.2	0.019
98031		840	<10	0.4	0.4	0.001	0.41	<0.05	1.4	0.3	<0.2	16.6	<0.01	0.05	<0.2	0.018
98032		905	<10	1.9	60.0	<0.001	0.31	<0.05	1.4	0.3	<0.2	3.4	<0.01	0.05	<0.2	0.067
98033		221	1550	3.3	102.0	<0.001	0.01	<0.05	6.1	0.2	0.9	30.5	<0.01	0.01	3.9	0.260
98034		503	570	2.3	157.0	<0.001	0.01	<0.05	6.7	0.2	0.2	13.8	<0.01	0.01	1.3	0.216
98035		189.0	1660	4.5	150.5	<0.001	0.02	<0.05	15.1	0.2	0.4	27.1	<0.01	0.01	4.7	0.235
98036		886	110	0.6	1.2	<0.001	0.43	<0.05	2.0	0.5	<0.2	8.9	<0.01	0.04	<0.2	0.021
98037		969	40	0.7	0.9	<0.001	0.26	<0.05	1.9	0.3	<0.2	20.6	<0.01	0.04	<0.2	0.023
98038		935	10	1.3	0.6	<0.001	0.16	<0.05	2.7	0.2	<0.2	132.0	<0.01	0.03	<0.2	0.020
98039		783	20	1.5	0.5	<0.001	0.07	<0.05	3.3	0.2	<0.2	187.5	<0.01	0.03	<0.2	0.019
98040		675	30	1.3	0.5	<0.001	0.04	<0.05	4.1	<0.2	<0.2	161.5	<0.01	0.03	<0.2	0.021

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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365710**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Cu-OG46	CRU-QC	PUL-QC
		TI	U	V	W	Y	Zn	Zr	Cu	Pass2mm	Pass75um
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
		0.02	0.05	1	0.05	0.05	2	0.5	0.001	0.01	0.01
98001		0.36	<0.05	9	<0.05	1.37	10	<0.5		74.6	95.2
98002		<0.02	0.09	<1	<0.05	2.22	2	<0.5			
98003		0.62	<0.05	11	<0.05	0.34	10	<0.5			96.3
98004		0.18	<0.05	6	<0.05	0.69	6	<0.5			
98005		0.07	0.11	18	3.65	1.19	65	2.3	1.350		
98006		0.12	<0.05	7	<0.05	2.18	7	<0.5			
98007		<0.02	<0.05	22	0.08	0.18	15	<0.5			
98008		<0.02	<0.05	23	0.08	0.17	14	<0.5			
98009		0.02	<0.05	23	0.09	0.17	13	<0.5			
98010		0.02	<0.05	29	0.08	0.27	12	<0.5			
98011		0.02	<0.05	31	0.06	0.26	11	<0.5			
98012		0.02	<0.05	31	0.06	0.26	12	<0.5			
98013		0.02	<0.05	28	0.05	0.26	12	<0.5			
98014		0.14	<0.05	83	0.08	1.45	24	<0.5			
98015		0.08	<0.05	68	0.09	1.49	20	<0.5			
98016		0.41	<0.05	42	0.08	6.03	20	<0.5			
98017		0.12	<0.05	22	0.07	0.61	12	<0.5			
98018		0.02	<0.05	58	0.17	1.27	18	<0.5			
98019		0.02	<0.05	50	0.20	0.59	15	<0.5			
98020		0.02	<0.05	52	0.26	1.29	15	<0.5			
98021		0.02	<0.05	52	0.23	0.59	17	<0.5			
98022		<0.02	0.08	1	0.08	2.27	<2	<0.5			
98023		<0.02	<0.05	49	0.25	0.60	17	<0.5			
98024		<0.02	<0.05	44	0.22	0.36	16	<0.5		74.4	
98025		<0.02	<0.05	37	0.15	0.60	13	<0.5			
98026		<0.02	<0.05	33	0.22	2.09	13	<0.5			
98027		<0.02	<0.05	33	0.14	2.06	11	<0.5			
98028		<0.02	<0.05	33	0.18	2.16	11	<0.5			
98029		<0.02	<0.05	36	0.19	1.81	12	<0.5			
98030		<0.02	<0.05	43	0.08	0.84	15	<0.5			
98031		<0.02	<0.05	39	0.06	0.25	15	<0.5			
98032		0.64	<0.05	45	0.20	0.18	30	<0.5			
98033		1.08	0.72	68	0.08	3.75	111	5.8			
98034		1.65	0.26	67	<0.05	2.22	56	3.5			
98035		1.52	0.79	96	0.07	6.54	65	4.9			
98036		0.03	0.05	47	0.20	0.61	18	<0.5			
98037		0.02	<0.05	48	0.41	0.63	15	<0.5			
98038		<0.02	<0.05	52	0.27	1.69	15	<0.5			
98039		<0.02	<0.05	52	0.24	2.69	12	<0.5			91.7
98040		<0.02	<0.05	49	0.22	2.44	10	<0.5		86.5	92.0



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Page: 3 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
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**CERTIFICATE OF ANALYSIS SD22365710**

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Recvd Wt. kg	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm
		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
98041		2.40	0.01	1.45	0.8	<0.02	<10	<10	<0.05	0.61	3.69	0.01	1.39	40.6	965	0.51
98042		2.39	0.01	1.54	0.6	<0.02	<10	<10	<0.05	0.78	3.77	0.02	1.42	45.7	1015	0.56
98043		4.69	<0.01	1.33	1.0	<0.02	<10	<10	<0.05	0.58	3.04	0.01	1.21	40.3	910	0.45
98044		4.70	<0.01	1.24	0.5	<0.02	<10	<10	<0.05	0.35	2.19	0.01	0.97	31.0	865	0.41
98045		<0.02	<0.01	1.23	0.5	<0.02	<10	<10	<0.05	0.28	2.19	<0.01	0.93	29.6	861	0.38
98046		4.63	<0.01	1.12	1.0	<0.02	<10	<10	<0.05	0.45	2.04	0.01	1.03	31.1	884	0.31
98047		4.72	<0.01	1.05	0.5	<0.02	<10	<10	<0.05	0.20	2.05	0.01	1.04	24.4	809	0.23
98048		4.94	0.01	1.32	0.6	<0.02	<10	<10	<0.05	0.55	1.55	0.01	0.81	38.2	905	0.44
98049		5.07	0.02	2.13	0.5	<0.02	<10	<10	<0.05	0.31	1.17	0.01	0.71	48.8	1330	0.83
98050		5.08	0.02	2.23	0.4	<0.02	<10	<10	<0.05	0.31	0.96	0.01	0.72	56.4	1490	0.85

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Page: 3 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
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Project: LAL-VIC 2022 DDH

<b>CERTIFICATE OF ANALYSIS SD22365710</b>
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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units LOD	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
98041		11.7	1.65	3.49	0.05	<0.02	<0.01	0.012	0.01	0.6	1.2	5.41	320	0.08	0.01	<0.05
98042		14.4	1.73	3.71	0.07	<0.02	<0.01	0.014	0.01	0.6	1.3	5.65	323	0.09	0.01	<0.05
98043		11.5	1.50	3.29	0.06	<0.02	<0.01	0.010	<0.01	0.5	1.1	4.80	275	<0.05	0.01	<0.05
98044		4.5	1.31	3.22	0.05	<0.02	<0.01	0.010	<0.01	0.4	0.9	4.22	205	<0.05	0.01	<0.05
98045		3.9	1.32	3.06	0.05	<0.02	<0.01	0.010	<0.01	0.4	1.0	4.23	208	<0.05	0.01	<0.05
98046		6.6	1.18	2.95	0.06	<0.02	<0.01	0.009	<0.01	0.4	0.7	3.84	184	<0.05	0.01	<0.05
98047		1.0	1.09	2.85	<0.05	<0.02	<0.01	0.006	<0.01	0.4	0.8	3.87	167	<0.05	0.01	<0.05
98048		29.5	1.50	3.31	<0.05	<0.02	<0.01	0.008	<0.01	0.3	1.2	3.70	197	0.07	0.01	<0.05
98049		46.1	2.34	5.16	0.07	<0.02	<0.01	0.011	0.01	0.3	2.0	4.96	201	<0.05	0.01	<0.05
98050		61.1	2.43	5.28	0.08	<0.02	<0.01	0.013	0.01	0.3	2.0	5.07	163	0.56	0.01	<0.05

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*





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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 3 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

<b>CERTIFICATE OF ANALYSIS SD22365710</b>
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Sample Description	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Method Analyte Units LOD	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
98041	736	60	1.7	0.7	<0.001	0.05	<0.05	4.2	0.2	<0.2	195.5	<0.01	0.03	<0.2	0.019
98042	813	50	1.7	0.7	<0.001	0.06	<0.05	4.5	0.2	<0.2	200	<0.01	0.04	<0.2	0.020
98043	689	30	1.1	0.6	<0.001	0.05	<0.05	4.0	0.2	<0.2	160.0	<0.01	0.02	<0.2	0.018
98044	500	40	0.8	0.5	<0.001	0.03	<0.05	3.1	<0.2	<0.2	112.0	<0.01	0.01	<0.2	0.020
98045	499	40	0.7	0.5	<0.001	0.02	<0.05	2.9	<0.2	<0.2	110.5	<0.01	0.01	<0.2	0.020
98046	560	100	0.6	0.4	<0.001	0.03	<0.05	2.9	0.2	<0.2	106.0	<0.01	0.03	<0.2	0.019
98047	422	30	0.5	0.2	<0.001	0.01	<0.05	3.6	<0.2	<0.2	111.0	<0.01	0.01	<0.2	0.019
98048	720	20	0.6	0.6	<0.001	0.10	<0.05	1.7	0.3	<0.2	71.5	<0.01	0.03	<0.2	0.018
98049	689	60	0.5	1.2	<0.001	0.11	<0.05	3.2	<0.2	<0.2	49.0	<0.01	0.02	<0.2	0.028
98050	819	110	0.5	1.2	<0.001	0.14	<0.05	3.1	0.2	<0.2	39.0	<0.01	0.02	<0.2	0.028

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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
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Page: 3 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365710
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Sample Description	Method Analyte Units LOD	ME-MS41 TI ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	Cu-OG46 Cu % 0.001	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
98041		<0.02	<0.05	51	0.22	3.28	12	<0.5			
98042		0.02	<0.05	55	0.23	3.46	16	<0.5			
98043		0.02	<0.05	47	0.17	2.72	11	<0.5			
98044		0.02	<0.05	43	0.18	1.85	10	<0.5			
98045		<0.02	<0.05	43	0.17	1.81	10	<0.5			
98046		<0.02	<0.05	39	0.13	1.97	9	<0.5			
98047		<0.02	<0.05	38	0.10	1.95	7	<0.5			
98048		<0.02	<0.05	37	0.11	1.25	13	<0.5			
98049		0.02	<0.05	69	0.15	1.28	18	<0.5			
98050		0.02	<0.05	81	0.16	1.32	19	<0.5			



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Page: Appendix 1  
 Total # Appendix Pages: 1  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365710**

	<b>CERTIFICATE COMMENTS</b>												
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).            ME-MS41</p>												
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21d</td> <td style="width: 15%;">LOG-22</td> </tr> <tr> <td>LOG-23</td> <td>PUL-31</td> <td>PUL-31d</td> <td>PUL-QC</td> </tr> <tr> <td>SPL-21</td> <td>SPL-21d</td> <td>WEI-21</td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-21d	LOG-22	LOG-23	PUL-31	PUL-31d	PUL-QC	SPL-21	SPL-21d	WEI-21	
CRU-31	CRU-QC	LOG-21d	LOG-22										
LOG-23	PUL-31	PUL-31d	PUL-QC										
SPL-21	SPL-21d	WEI-21											
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Cu-OG46</td> <td style="width: 33%;">ME-MS41</td> <td style="width: 33%;">ME-OG46</td> <td></td> </tr> </table>	Cu-OG46	ME-MS41	ME-OG46									
Cu-OG46	ME-MS41	ME-OG46											



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**2857 SHERWOOD HEIGHTS DRIVE, UNIT 2**  
**OAKVILLE ON L6J 7J9**

Page: 1  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 31-JAN-2023  
 Account: MINMAN

**SD22365711**

Project: LAL-VIC 2022 DDH  
 P.O. No.: BATCH 33  
 This report is for 50 samples of 1/2 Core submitted to our lab in Sudbury, ON,  
 Canada on 19-DEC-2022.

The following have access to data associated with this certificate:

SAHIL ALURKAR  
 FRANCIS NEWTON

FRANCIS NEWTON  
 BRIAN NEWTON

BRIAN NEWTON  
 ACCESS WEBTRIEVE

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS41	Ultra Trace Aqua Regia ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**



Saa Traxler, Director, North Vancouver Operations



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Page: 2 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 31-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365711**

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Units		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
LOD		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
98051		4.74	<0.01	2.06	0.3	<0.02	<10	<10	<0.05	0.13	2.14	0.01	1.49	39.1	1175	0.61
98052		1.31	<0.01	0.05	<0.1	<0.02	<10	20	<0.05	0.01	>25.0	0.02	1.40	1.9	10	<0.05
98053		4.26	0.02	2.61	0.3	<0.02	<10	<10	<0.05	0.29	1.42	0.01	0.96	55.0	1485	0.73
98054		2.88	0.02	2.31	0.9	<0.02	<10	<10	<0.05	0.38	1.06	0.01	0.77	65.7	1485	0.61
98055		3.11	0.02	1.89	0.7	<0.02	<10	<10	<0.05	0.29	0.93	0.01	0.71	48.6	1175	0.54
98056		4.37	0.02	1.88	0.2	<0.02	<10	<10	<0.05	0.30	0.77	<0.01	0.70	47.6	1115	0.51
98057		4.46	0.03	1.89	0.5	<0.02	<10	<10	<0.05	0.39	0.59	<0.01	0.47	53.7	1250	0.54
98058		4.38	0.05	2.25	0.6	<0.02	<10	<10	<0.05	0.41	0.60	0.01	0.55	62.5	1430	0.70
98059		4.59	0.09	2.33	0.8	<0.02	<10	<10	<0.05	0.47	0.41	0.01	0.55	70.1	1505	0.67
98060		2.75	0.11	2.16	0.6	<0.02	<10	<10	0.05	0.50	0.21	0.01	1.17	70.2	1480	0.79
98061		3.23	0.07	2.43	0.5	<0.02	<10	280	0.27	0.56	0.19	0.01	0.84	62.4	1390	23.5
98062		<0.02	0.07	2.41	0.4	<0.02	<10	280	0.28	0.56	0.21	0.01	0.86	61.1	1375	22.9
98063		2.90	0.13	1.29	1.2	0.23	<10	30	2.89	43.7	1.99	0.12	41.6	17.2	244	2.63
98064		2.34	0.84	1.13	117.0	0.77	<10	10	4.30	407	2.22	0.12	3.09	44.5	821	0.18
98065		2.16	0.49	1.18	92.2	0.36	<10	10	4.51	182.5	2.16	0.12	2.51	44.9	841	0.12
98066		4.59	0.02	1.07	0.4	<0.02	<10	10	0.97	1.56	1.67	0.04	0.56	35.8	669	<0.05
98067		4.48	0.02	0.78	0.3	<0.02	<10	<10	0.17	0.55	2.72	0.03	0.78	23.9	473	0.05
98068		5.28	0.02	2.45	0.1	<0.02	<10	500	0.21	0.61	3.91	0.02	1.34	50.5	1175	21.8
98069		2.76	0.05	2.22	0.8	<0.02	<10	10	0.08	0.76	3.46	0.02	1.02	71.4	1170	0.44
98070		2.98	0.08	1.75	0.5	<0.02	<10	<10	<0.05	0.66	0.79	<0.01	0.72	61.2	1105	0.26
98071		3.89	0.09	1.94	0.7	<0.02	<10	<10	<0.05	0.62	0.22	0.01	0.30	64.2	1250	0.35
98072		1.08	<0.01	0.04	<0.1	<0.02	<10	10	<0.05	0.01	>25.0	0.01	0.84	2.0	13	<0.05
98073		4.53	0.10	2.12	0.9	<0.02	<10	<10	<0.05	0.87	0.29	0.01	0.36	74.1	1410	0.51
98074		4.64	0.13	1.96	0.6	<0.02	<10	<10	<0.05	0.89	0.32	<0.01	0.46	75.1	1340	0.43
98075		4.54	0.16	1.85	0.7	<0.02	<10	<10	<0.05	0.95	1.01	0.01	1.13	72.5	1235	0.38
98076		5.00	0.16	2.22	0.6	<0.02	<10	<10	<0.05	0.92	0.44	<0.01	0.52	81.6	1485	0.40
98077		4.96	0.14	2.26	0.6	<0.02	<10	<10	<0.05	0.76	0.58	0.01	0.51	74.1	1425	0.34
98078		4.23	0.12	1.78	0.4	<0.02	<10	<10	<0.05	0.56	5.45	0.02	3.17	60.4	1110	0.24
98079		4.75	0.23	2.64	0.9	<0.02	<10	<10	0.06	0.92	0.23	0.01	0.35	89.2	1720	0.44
98080		4.70	0.21	2.51	0.8	<0.02	<10	<10	0.07	0.91	0.26	0.01	0.47	88.7	1685	0.44
98081		4.92	0.08	2.61	<0.1	<0.02	<10	340	0.22	0.29	0.28	0.04	47.0	22.1	165	3.70
98082		3.04	0.08	2.77	<0.1	<0.02	10	300	0.37	0.29	0.37	0.05	44.5	21.8	145	3.49
98083		3.02	0.07	2.34	0.1	<0.02	10	300	0.26	0.28	0.30	0.03	53.8	17.9	128	2.85
98084		2.89	0.10	2.27	<0.1	<0.02	<10	460	0.24	0.22	0.54	0.05	62.1	19.9	158	3.02
98085		2.56	0.09	2.50	<0.1	<0.02	<10	610	0.18	0.22	0.31	0.02	62.3	23.4	171	3.81
98086		4.25	0.09	2.52	0.2	<0.02	<10	500	0.17	0.23	0.37	0.03	51.7	22.0	172	3.42
98087		3.95	0.09	2.40	<0.1	<0.02	<10	400	0.19	0.24	0.29	0.04	49.4	23.2	158	3.27
98088		3.40	0.08	2.69	<0.1	<0.02	<10	270	0.25	0.24	0.42	0.09	45.8	24.3	164	2.78
98089		4.22	0.06	1.82	0.1	<0.02	<10	210	0.59	0.22	0.80	0.02	67.8	18.8	157	1.38
98090		4.25	0.04	2.13	0.6	<0.02	<10	50	0.45	0.23	0.38	0.01	49.8	21.4	162	1.05

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Page: 2 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 31-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365711**

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
	Analyte Units LOD	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
98051		7.0	2.18	5.25	0.09	<0.02	<0.01	0.012	0.01	0.6	1.6	5.62	291	0.11	<0.01	<0.05
98052		5.4	0.16	0.15	<0.05	0.02	<0.01	0.005	0.01	1.3	0.7	1.03	115	0.18	<0.01	0.18
98053		36.4	2.78	6.54	0.12	<0.02	<0.01	0.017	0.01	0.4	2.1	6.16	259	0.13	<0.01	<0.05
98054		94.1	3.01	5.77	0.12	<0.02	<0.01	0.014	0.01	0.3	2.3	5.17	202	0.17	<0.01	<0.05
98055		56.7	2.51	4.82	0.05	<0.02	<0.01	0.011	0.01	0.3	1.9	4.32	198	0.10	<0.01	<0.05
98056		52.0	2.48	4.71	<0.05	<0.02	<0.01	0.011	0.01	0.3	2.0	4.14	179	0.13	<0.01	<0.05
98057		58.7	2.70	4.87	0.05	<0.02	<0.01	0.012	0.01	0.2	2.0	4.13	160	0.13	<0.01	<0.05
98058		63.6	2.98	6.06	0.07	<0.02	<0.01	0.012	0.01	0.3	2.4	4.91	184	0.28	<0.01	<0.05
98059		85.5	3.23	6.19	0.08	<0.02	<0.01	0.012	0.01	0.3	2.7	4.92	162	0.27	<0.01	<0.05
98060		97.8	3.06	6.02	0.07	<0.02	<0.01	0.010	0.01	0.9	3.1	4.37	134	0.39	<0.01	<0.05
98061		63.0	3.05	7.21	0.08	<0.02	<0.01	0.009	0.93	0.5	61.3	4.57	139	0.35	0.06	<0.05
98062		61.9	3.06	7.10	0.07	<0.02	<0.01	0.007	0.93	0.5	61.5	4.55	144	0.38	0.06	<0.05
98063		4.4	2.28	4.61	0.20	0.28	<0.01	0.045	0.12	18.2	21.0	2.08	370	0.48	0.30	0.05
98064		9.8	2.06	4.59	0.19	0.11	<0.01	0.052	0.03	1.5	11.9	1.85	368	0.72	0.28	<0.05
98065		8.9	2.11	4.62	0.18	0.12	0.01	0.055	0.03	1.2	11.6	1.91	380	0.62	0.30	<0.05
98066		5.4	1.93	2.94	0.11	0.07	<0.01	0.010	0.03	0.2	8.5	1.80	413	0.62	0.26	<0.05
98067		2.2	1.55	1.89	0.05	0.05	<0.01	0.008	0.03	0.4	5.8	1.70	473	0.44	0.20	<0.05
98068		6.6	3.35	4.69	0.11	0.06	<0.01	0.011	1.14	0.7	72.7	3.85	760	0.39	0.31	<0.05
98069		40.0	3.60	4.72	0.08	0.02	<0.01	0.007	0.01	0.7	9.2	4.61	953	0.30	0.04	<0.05
98070		83.9	3.31	4.38	0.07	<0.02	<0.01	0.007	<0.01	0.4	3.0	3.58	282	0.36	0.01	<0.05
98071		88.0	3.17	5.18	0.08	<0.02	<0.01	0.012	<0.01	<0.2	1.6	4.09	125	0.27	<0.01	<0.05
98072		3.6	0.29	0.13	<0.05	<0.02	<0.01	<0.005	<0.01	1.1	0.4	0.77	102	0.46	<0.01	<0.05
98073		80.2	3.31	5.79	0.09	<0.02	<0.01	0.012	<0.01	0.2	1.6	4.67	120	0.27	<0.01	<0.05
98074		79.8	3.32	5.14	0.08	<0.02	<0.01	0.011	<0.01	0.2	1.4	4.33	117	0.37	<0.01	<0.05
98075		82.3	3.66	4.83	0.09	<0.02	<0.01	0.012	<0.01	0.5	1.5	4.38	238	0.35	<0.01	<0.05
98076		80.1	4.34	5.70	0.10	<0.02	<0.01	0.013	<0.01	0.3	2.0	4.76	194	0.39	<0.01	<0.05
98077		62.5	4.27	5.42	0.09	<0.02	<0.01	0.012	<0.01	0.3	2.3	4.80	236	0.30	<0.01	<0.05
98078		59.9	3.91	4.01	0.06	<0.02	<0.01	0.011	<0.01	1.7	2.4	4.24	799	0.26	0.01	<0.05
98079		129.5	4.76	6.29	0.12	<0.02	<0.01	0.017	<0.01	0.2	2.1	5.64	158	0.43	<0.01	<0.05
98080		113.0	4.66	6.01	0.13	<0.02	<0.01	0.016	<0.01	0.2	1.8	5.45	155	0.62	<0.01	<0.05
98081		45.5	4.28	11.80	0.09	0.23	<0.01	0.032	1.37	23.0	31.8	1.71	410	3.39	0.08	0.20
98082		43.5	4.42	12.35	0.10	0.24	<0.01	0.028	1.15	21.8	43.2	1.74	450	2.74	0.07	0.19
98083		35.6	3.78	10.80	0.10	0.32	<0.01	0.026	1.07	27.1	34.3	1.58	361	2.60	0.08	0.19
98084		46.4	3.98	10.85	0.14	0.28	<0.01	0.029	1.28	30.6	29.4	1.56	459	2.46	0.11	0.23
98085		48.7	4.45	13.10	0.15	0.32	<0.01	0.033	1.57	31.6	30.8	1.83	519	2.06	0.10	0.36
98086		47.0	4.55	12.40	0.12	0.28	<0.01	0.034	1.48	26.1	31.8	1.74	505	2.29	0.11	0.36
98087		51.4	4.31	12.05	0.11	0.28	<0.01	0.033	1.32	24.9	30.9	1.63	425	2.32	0.08	0.25
98088		45.6	4.75	12.95	0.11	0.24	<0.01	0.034	1.11	22.7	40.9	1.81	505	2.64	0.07	0.26
98089		27.5	3.85	10.35	0.13	0.25	<0.01	0.031	0.58	33.8	22.6	1.65	442	2.47	0.08	0.21
98090		30.1	4.48	11.95	0.11	0.22	<0.01	0.028	0.16	24.5	27.5	2.14	404	2.79	0.08	0.16

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 31-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365711**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
98051		475	50	1.2	1.0	<0.001	0.02	<0.05	4.8	0.2	<0.2	103.5	<0.01	0.01	<0.2	0.026
98052		2.5	70	1.0	0.3	<0.001	0.01	<0.05	0.5	1.3	<0.2	80.1	<0.01	0.01	0.2	<0.005
98053		765	70	0.9	0.9	<0.001	0.09	<0.05	5.6	0.2	<0.2	55.2	<0.01	0.02	<0.2	0.031
98054		968	120	0.9	0.7	<0.001	0.24	<0.05	3.3	0.3	<0.2	35.3	<0.01	0.03	<0.2	0.026
98055		698	90	0.8	0.8	<0.001	0.16	<0.05	2.6	0.3	<0.2	36.8	<0.01	0.03	<0.2	0.024
98056		676	90	0.7	0.7	<0.001	0.18	<0.05	2.6	0.2	<0.2	30.4	<0.01	0.03	<0.2	0.021
98057		769	60	0.7	0.8	<0.001	0.24	<0.05	2.7	0.2	<0.2	21.5	<0.01	0.03	<0.2	0.026
98058		887	60	0.8	1.1	0.001	0.30	<0.05	3.6	0.3	<0.2	23.3	<0.01	0.03	<0.2	0.035
98059		1025	50	1.3	1.1	<0.001	0.51	<0.05	3.5	0.4	<0.2	14.6	<0.01	0.06	<0.2	0.032
98060		1055	20	1.1	1.3	<0.001	0.66	<0.05	2.8	0.4	<0.2	2.4	<0.01	0.06	<0.2	0.031
98061		912	10	5.0	52.2	0.001	0.42	<0.05	2.3	0.3	0.2	3.1	<0.01	0.05	<0.2	0.072
98062		912	10	3.8	51.1	0.001	0.42	<0.05	2.4	0.4	<0.2	3.2	<0.01	0.03	<0.2	0.073
98063		135.0	1640	1.9	4.9	<0.001	0.01	<0.05	8.4	0.2	3.1	42.2	<0.01	1.84	3.5	0.120
98064		708	2370	3.6	0.4	0.001	0.06	0.22	9.8	0.3	4.0	80.0	<0.01	10.35	0.2	0.061
98065		695	1650	2.6	0.4	0.001	0.06	0.17	10.4	0.3	4.1	71.6	<0.01	4.66	0.2	0.064
98066		421	20	0.8	0.2	<0.001	0.04	<0.05	7.8	0.2	1.1	15.8	<0.01	0.05	<0.2	0.047
98067		304	220	1.3	0.2	<0.001	0.01	<0.05	5.6	0.2	0.2	69.1	<0.01	0.02	<0.2	0.032
98068		569	150	3.8	68.2	<0.001	0.04	<0.05	8.9	0.2	0.3	155.0	<0.01	0.01	<0.2	0.113
98069		1075	100	1.4	0.7	<0.001	0.45	<0.05	3.7	0.4	<0.2	99.5	<0.01	0.04	<0.2	0.044
98070		906	130	0.9	0.3	0.001	0.65	<0.05	2.4	0.4	<0.2	11.4	<0.01	0.05	<0.2	0.035
98071		867	70	0.6	0.3	0.001	0.57	<0.05	3.0	0.3	<0.2	7.0	<0.01	0.05	<0.2	0.031
98072		7.2	60	0.2	0.1	<0.001	0.01	<0.05	0.6	1.2	<0.2	77.3	<0.01	<0.01	<0.2	<0.005
98073		1110	30	0.6	0.5	0.001	0.66	<0.05	3.8	0.3	<0.2	12.8	<0.01	0.04	<0.2	0.029
98074		1110	110	0.7	0.4	0.001	0.87	<0.05	3.5	0.5	<0.2	10.6	<0.01	0.07	<0.2	0.030
98075		1025	290	1.0	0.3	0.001	0.96	<0.05	3.2	0.4	<0.2	52.9	<0.01	0.05	<0.2	0.029
98076		1080	90	0.9	0.3	0.001	0.96	<0.05	3.8	0.5	<0.2	20.7	<0.01	0.06	<0.2	0.039
98077		978	90	0.7	0.3	0.001	0.86	<0.05	3.5	0.4	<0.2	26.7	<0.01	0.05	<0.2	0.040
98078		846	110	3.0	0.3	0.001	0.80	<0.05	3.0	0.5	<0.2	247	<0.01	0.05	<0.2	0.039
98079		1210	50	1.0	0.4	0.001	1.26	<0.05	5.6	0.6	0.2	11.5	<0.01	0.08	<0.2	0.038
98080		1205	90	0.9	0.4	0.001	1.20	<0.05	5.4	0.6	0.2	14.9	<0.01	0.07	<0.2	0.035
98081		85.8	590	6.8	61.8	0.001	0.20	<0.05	12.0	0.3	0.8	12.6	<0.01	0.03	6.5	0.244
98082		84.7	560	6.5	53.1	0.001	0.22	<0.05	12.0	0.2	0.8	15.3	<0.01	0.04	7.3	0.225
98083		63.4	550	8.0	45.5	0.001	0.20	<0.05	10.5	0.3	0.8	15.8	<0.01	0.03	8.3	0.185
98084		66.1	700	5.2	54.2	0.001	0.29	<0.05	12.2	0.4	0.8	30.1	<0.01	0.03	7.4	0.220
98085		78.4	700	3.8	73.4	0.001	0.29	<0.05	16.0	0.3	0.9	25.9	<0.01	0.03	7.9	0.284
98086		79.3	630	4.0	60.2	0.001	0.26	<0.05	14.4	0.2	0.9	29.9	<0.01	0.02	7.6	0.272
98087		81.7	640	4.1	57.8	<0.001	0.27	<0.05	13.6	0.2	0.8	22.2	<0.01	0.03	7.2	0.218
98088		92.0	620	5.3	49.4	0.001	0.22	<0.05	12.8	0.4	0.7	18.2	0.01	0.02	7.1	0.256
98089		62.3	630	4.7	23.4	0.001	0.21	<0.05	11.1	0.3	0.7	23.7	<0.01	0.02	7.1	0.195
98090		71.9	660	3.6	7.4	0.001	0.23	<0.05	11.9	0.2	0.6	16.0	0.01	0.02	6.9	0.200



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 31-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365711**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	CRU-QC	PUL-QC
		Tl	U	V	W	Y	Zn	Zr	Pass2mm	Pass75um
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.02	0.05	1	0.05	0.05	2	0.5	0.01	0.01
98051		0.02	<0.05	64	0.11	2.26	19	<0.5	79.7	93.8
98052		<0.02	0.26	1	<0.05	3.39	5	0.6		
98053		<0.02	<0.05	83	0.09	1.46	24	<0.5		
98054		<0.02	<0.05	82	0.16	1.04	21	<0.5		
98055		<0.02	<0.05	66	0.23	1.02	18	<0.5		
98056		<0.02	<0.05	64	0.24	0.93	18	<0.5		
98057		<0.02	<0.05	73	0.25	0.82	19	<0.5		
98058		0.02	<0.05	75	0.44	0.93	23	<0.5		92.7
98059		0.02	<0.05	73	0.47	0.69	24	<0.5		92.7
98060		0.02	<0.05	61	0.33	0.53	23	<0.5		
98061		0.58	<0.05	53	<0.05	0.37	45	<0.5		
98062		0.58	<0.05	52	<0.05	0.39	45	<0.5		
98063		0.06	0.66	61	0.13	6.55	64	6.5		
98064		<0.02	0.37	56	4.81	3.65	66	2.7		
98065		<0.02	0.29	58	15.55	3.71	69	2.8		
98066		<0.02	<0.05	43	0.05	2.41	20	1.9		
98067		<0.02	<0.05	31	<0.05	2.48	14	1.6		
98068		0.79	<0.05	63	0.05	3.73	35	1.6		
98069		<0.02	<0.05	49	0.17	1.90	27	0.6	81.8	
98070		<0.02	<0.05	65	0.10	1.06	19	<0.5		
98071		<0.02	<0.05	74	0.14	0.49	20	<0.5		
98072		<0.02	0.12	1	<0.05	2.11	2	<0.5		
98073		<0.02	<0.05	75	0.78	0.63	21	<0.5		
98074		<0.02	<0.05	67	0.65	0.75	20	<0.5		
98075		<0.02	<0.05	70	0.68	1.84	19	<0.5		
98076		<0.02	<0.05	91	0.75	0.80	24	<0.5		
98077		<0.02	<0.05	90	0.64	0.77	25	<0.5		
98078		<0.02	<0.05	72	0.17	5.70	21	<0.5		
98079		<0.02	<0.05	105	0.19	0.68	27	<0.5		
98080		<0.02	<0.05	101	0.83	0.91	26	<0.5		
98081		0.36	1.56	90	0.19	7.73	80	8.7		
98082		0.33	1.72	87	0.17	8.85	74	9.7		
98083		0.28	1.93	73	0.15	8.09	53	11.8		
98084		0.32	2.08	84	0.14	9.65	75	10.5		
98085		0.43	2.04	101	0.14	11.30	78	12.2		
98086		0.34	2.07	100	0.15	9.51	77	10.4		
98087		0.33	1.84	91	0.16	9.60	75	10.8		
98088		0.30	1.69	94	0.21	10.45	115	9.1		
98089		0.14	1.96	80	0.19	13.05	44	9.1		98.1
98090		0.05	1.80	88	0.25	10.40	33	8.2	74.0	96.9

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Page: 3 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 31-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365711**

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Recvd Wt. kg	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm
		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
98091		1.95	0.09	2.04	0.1	<0.02	<10	480	0.16	0.21	0.50	0.05	62.8	20.4	162	2.69
98092		2.08	0.07	2.11	0.2	<0.02	<10	470	0.17	0.18	0.51	0.04	60.0	19.9	163	2.49
98093		4.27	0.08	2.08	0.1	<0.02	<10	430	0.23	0.21	0.53	0.10	51.0	19.0	146	2.35
98094		2.83	0.08	3.13	0.1	<0.02	10	360	0.35	0.21	0.22	0.03	39.4	26.5	160	5.24
98095		<0.02	0.08	3.16	0.1	<0.02	10	370	0.35	0.21	0.22	0.02	39.4	27.0	164	5.22
98096		2.00	0.11	2.42	<0.1	<0.02	<10	350	0.28	0.22	0.37	0.10	41.9	23.9	198	3.52
98097		1.66	0.09	1.78	0.2	<0.02	<10	310	0.24	0.27	0.48	0.10	43.6	16.3	142	2.26
98098		2.55	0.09	2.56	0.1	<0.02	<10	330	0.22	0.24	0.32	0.03	37.2	23.4	188	3.72
98099		3.70	0.13	2.58	<0.1	<0.02	<10	450	0.18	0.21	0.26	0.04	44.8	24.2	168	4.12
98100		3.66	0.11	2.74	<0.1	<0.02	<10	410	0.22	0.18	0.29	0.05	47.8	24.5	204	3.95

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Page: 3 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 31-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365711
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Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
98091		46.4	4.07	10.25	0.17	0.26	<0.01	0.030	1.22	32.3	25.0	1.56	530	2.51	0.09	0.22
98092		42.2	4.33	10.15	0.17	0.26	<0.01	0.025	1.24	31.0	26.0	1.63	557	2.68	0.10	0.22
98093		40.9	3.77	10.70	0.17	0.25	<0.01	0.026	1.08	26.1	25.7	1.51	490	2.70	0.12	0.25
98094		47.6	4.97	13.40	0.15	0.18	<0.01	0.033	1.58	20.0	36.0	1.91	496	5.28	0.07	0.14
98095		48.0	5.00	13.75	0.15	0.18	<0.01	0.034	1.59	20.0	36.6	1.95	490	5.21	0.06	0.13
98096		58.3	4.62	12.10	0.18	0.30	<0.01	0.030	1.19	20.8	30.4	1.78	480	3.79	0.09	0.24
98097		42.9	3.40	9.46	0.16	0.24	0.01	0.025	0.82	22.2	22.1	1.32	381	2.81	0.09	0.21
98098		48.8	4.42	12.00	0.18	0.21	<0.01	0.034	1.40	19.0	28.6	1.79	406	3.28	0.09	0.18
98099		51.6	4.30	12.95	0.16	0.24	<0.01	0.032	1.57	22.3	34.6	1.70	476	3.10	0.10	0.26
98100		54.2	4.64	13.10	0.19	0.23	<0.01	0.035	1.49	24.3	37.9	1.92	493	4.00	0.11	0.21

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Page: 3 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 31-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

<b>CERTIFICATE OF ANALYSIS SD22365711</b>
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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	
	Units LOD	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
98091		68.6	640	5.5	52.3	0.001	0.25	0.12	10.9	0.2	0.7	28.7	0.01	0.03	7.5	0.259
98092		67.3	660	4.5	48.8	0.001	0.24	<0.05	10.6	0.3	0.7	27.3	0.01	0.03	7.3	0.262
98093		68.5	580	8.4	43.8	0.001	0.19	<0.05	11.6	<0.2	0.8	27.5	0.01	0.03	6.9	0.245
98094		107.0	550	4.1	77.1	0.001	0.21	<0.05	14.8	<0.2	0.8	12.6	<0.01	0.04	6.0	0.226
98095		108.0	550	4.0	78.4	0.001	0.21	<0.05	15.2	0.3	0.8	12.0	<0.01	0.03	5.9	0.232
98096		86.5	530	4.9	56.4	0.001	0.43	<0.05	13.6	0.3	0.7	16.3	0.01	0.05	8.4	0.233
98097		60.3	660	5.9	35.4	0.001	0.25	<0.05	8.8	0.2	0.7	31.4	<0.01	0.02	6.5	0.149
98098		89.1	550	3.8	61.4	0.001	0.27	<0.05	13.3	0.3	0.8	12.9	<0.01	0.03	7.1	0.207
98099		89.0	560	4.7	75.9	0.001	0.28	<0.05	13.6	0.3	0.9	12.0	<0.01	0.03	7.1	0.258
98100		90.9	610	4.0	65.9	0.001	0.29	<0.05	14.7	0.2	0.9	18.9	<0.01	0.03	7.0	0.243

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 3 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 31-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365711
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Sample Description	Method Analyte Units LOD	ME-MS41 TI ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
98091		0.32	2.14	85	0.12	11.30	73	9.3		
98092		0.30	2.03	86	0.12	11.10	75	9.3		
98093		0.27	1.73	82	0.13	10.90	68	9.9		
98094		0.43	1.33	98	0.22	7.41	78	7.5		
98095		0.44	1.36	101	0.23	7.36	79	7.5		
98096		0.32	2.05	96	0.14	9.85	129	11.6		
98097		0.20	1.75	69	8.65	8.13	81	8.7		
98098		0.34	1.90	96	0.12	8.02	67	8.1		
98099		0.41	1.92	90	0.18	9.66	83	9.2		
98100		0.38	1.84	101	0.16	10.00	112	8.9		

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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Page: Appendix 1  
 Total # Appendix Pages: 1  
 Finalized Date: 31-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365711**

	<b>CERTIFICATE COMMENTS</b>												
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).            ME-MS41</p>												
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21d</td> <td style="width: 17%;">LOG-22</td> </tr> <tr> <td>PUL-31</td> <td>PUL-31d</td> <td>PUL-QC</td> <td>SPL-21</td> </tr> <tr> <td>SPL-21d</td> <td>WEI-21</td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-21d	LOG-22	PUL-31	PUL-31d	PUL-QC	SPL-21	SPL-21d	WEI-21		
CRU-31	CRU-QC	LOG-21d	LOG-22										
PUL-31	PUL-31d	PUL-QC	SPL-21										
SPL-21d	WEI-21												
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.            ME-MS41</p>												



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Page: 1  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
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**SD22365715**

Project: LAL-VIC 2022 DDH  
 P.O. No.: BATCH 34  
 This report is for 50 samples of 1/2 Core submitted to our lab in Sudbury, ON,  
 Canada on 19-DEC-2022.

The following have access to data associated with this certificate:

SAHIL ALURKAR  
 FRANCIS NEWTON

FRANCIS NEWTON  
 BRIAN NEWTON

BRIAN NEWTON  
 ACCESS WEBTRIEVE

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG46	Ore Grade Zn - Aqua Regia	
ME-MS41	Ultra Trace Aqua Regia ICP-MS	
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**

Saa Traxler, Director, North Vancouver Operations





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Page: 2 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365715**

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Units		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
LOD		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
98101		4.23	0.11	2.64	<0.1	<0.02	<10	290	0.26	0.15	0.29	0.04	31.1	23.4	181	4.11
98102		0.65	<0.01	0.03	<0.1	<0.02	<10	20	<0.05	0.01	>25.0	0.01	1.04	3.7	2	<0.05
98103		3.52	0.02	1.90	0.1	<0.02	<10	60	0.28	0.27	0.49	0.03	26.3	18.7	182	0.75
98104		2.83	0.11	2.25	0.1	<0.02	<10	30	0.38	0.46	0.31	0.03	14.80	22.8	167	0.71
98105		2.97	0.02	2.21	<0.1	<0.02	<10	20	0.42	0.33	0.31	0.09	15.85	9.1	172	0.67
98106		4.74	0.02	2.62	<0.1	<0.02	<10	30	0.48	0.37	0.32	0.16	14.80	9.4	181	0.97
98107		4.10	0.01	2.32	<0.1	<0.02	<10	20	0.54	0.22	0.34	0.50	18.75	10.6	179	0.74
98108		4.12	0.01	2.91	0.3	<0.02	<10	20	0.55	0.31	0.39	0.05	35.9	11.4	192	0.82
98109		4.58	0.02	2.78	<0.1	<0.02	<10	20	0.50	0.28	0.40	0.06	59.0	17.5	223	0.74
98110		4.27	0.01	2.36	0.2	<0.02	<10	30	0.40	0.31	0.32	0.11	19.85	15.8	183	0.72
98111		3.81	0.02	2.17	<0.1	<0.02	<10	10	0.33	0.23	0.33	0.14	62.5	11.9	194	0.34
98112		<0.02	0.02	2.21	<0.1	<0.02	<10	10	0.33	0.38	0.33	0.13	52.7	11.1	190	0.34
98113		4.96	0.02	2.19	<0.1	<0.02	<10	10	0.35	0.15	0.30	0.03	32.4	10.4	170	0.44
98114		2.24	0.01	2.32	0.1	<0.02	<10	40	0.97	0.34	0.26	0.06	43.9	11.1	100	0.70
98115		2.66	0.02	2.14	<0.1	<0.02	<10	40	0.91	0.31	0.24	0.06	43.9	10.5	87	0.64
98116		4.65	0.02	1.95	0.2	<0.02	<10	20	0.69	0.14	0.41	0.11	39.5	8.6	138	0.60
98117		3.69	0.07	2.25	0.3	<0.02	<10	10	0.64	0.95	0.41	0.01	38.6	10.6	207	0.54
98118		2.76	0.04	1.95	0.1	<0.02	<10	10	0.44	0.56	0.37	0.01	35.4	16.3	187	0.27
98119		3.72	0.27	1.92	<0.1	<0.02	<10	10	0.70	2.70	0.40	0.37	70.5	26.8	186	0.31
98120		2.28	0.46	0.88	0.5	0.35	<10	30	0.64	141.5	0.53	9.08	50.7	56.3	100	0.44
98121		2.51	0.41	0.91	<0.1	0.02	<10	30	0.46	7.38	0.60	3.99	68.7	62.5	116	0.56
98122		0.51	<0.01	0.02	<0.1	<0.02	<10	10	<0.05	0.15	>25.0	0.03	1.22	5.9	1	<0.05
98123		2.62	0.45	1.20	0.2	<0.02	<10	10	0.38	1.21	0.66	1.05	27.8	135.5	907	0.25
98124		2.52	0.23	0.55	<0.1	<0.02	<10	20	0.28	0.33	1.03	0.08	127.0	27.4	84	0.18
98125		2.34	0.11	0.80	<0.1	<0.02	<10	20	0.21	0.24	2.22	0.07	114.5	24.5	90	0.25
98126		2.51	0.10	0.83	<0.1	<0.02	<10	180	0.39	0.22	1.00	0.15	132.5	22.3	87	0.55
98127		4.72	0.16	3.12	2.8	<0.02	<10	100	0.32	1.06	0.52	1.03	22.8	92.7	1525	4.56
98128		4.80	0.15	1.81	0.7	<0.02	<10	<10	<0.05	0.69	0.16	0.02	0.58	81.2	1120	0.27
98129		5.12	0.32	2.56	0.2	<0.02	<10	20	0.08	0.69	0.20	0.07	0.47	79.1	1480	1.82
98130		2.85	0.40	3.32	1.0	<0.02	<10	40	0.20	0.53	0.43	0.28	14.00	72.6	1425	3.34
98131		3.13	0.60	0.59	<0.1	<0.02	<10	20	0.27	0.65	0.77	3.10	102.0	46.0	59	0.28
98132		0.72	0.51	0.26	0.5	<0.02	<10	10	0.20	3.31	0.28	29.6	51.3	107.0	179	0.11
98133		3.40	0.62	0.45	0.3	0.05	<10	10	0.43	14.40	0.68	1.83	16.10	148.5	390	0.18
98134		3.26	0.32	1.23	<0.1	<0.02	<10	70	0.39	0.97	0.32	2.00	41.9	39.7	150	1.71
98135		3.74	0.15	1.50	0.3	<0.02	<10	90	0.29	0.29	0.31	0.11	37.1	21.9	189	1.57
98136		2.99	0.40	1.43	0.3	<0.02	<10	50	0.28	0.40	0.27	4.56	33.1	52.0	180	2.01
98137		3.28	0.13	2.07	<0.1	<0.02	<10	290	0.21	0.20	0.21	0.41	49.0	25.6	196	5.58
98138		3.86	0.14	1.59	<0.1	<0.02	<10	120	0.12	0.37	0.29	0.15	51.4	49.0	182	4.65
98139		3.33	0.10	3.49	0.5	<0.02	<10	350	0.19	0.51	0.49	0.06	3.10	105.5	2150	13.60
98140		4.80	0.09	2.09	0.2	<0.02	<10	10	0.17	0.35	1.53	0.50	68.9	49.5	282	0.58



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Page: 2 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365715**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
98101		45.8	4.47	13.20	0.17	0.19	0.01	0.037	1.37	15.0	42.5	1.90	485	2.94	0.06	0.20
98102		4.1	0.16	0.14	<0.05	<0.02	<0.01	<0.005	0.01	1.2	0.4	1.01	102	0.24	<0.01	<0.05
98103		41.3	3.90	11.40	0.12	0.19	<0.01	0.036	0.19	12.7	32.4	1.88	398	2.40	0.05	0.17
98104		265	4.44	12.45	0.11	0.16	0.01	0.405	0.11	5.6	41.8	2.52	329	2.22	0.04	0.09
98105		19.0	3.88	12.90	0.10	0.18	0.01	0.025	0.10	6.4	40.8	2.56	323	2.39	0.05	0.09
98106		20.3	4.54	15.25	0.15	0.18	<0.01	0.033	0.12	5.9	49.4	3.05	383	3.75	0.04	0.08
98107		11.0	4.01	13.45	0.11	0.17	<0.01	0.027	0.11	7.0	45.2	2.54	328	2.75	0.05	0.10
98108		17.4	5.03	16.80	0.19	0.15	<0.01	0.031	0.11	18.1	53.4	3.32	414	2.36	0.04	0.08
98109		32.1	4.97	16.25	0.22	0.14	<0.01	0.038	0.07	28.1	47.5	3.16	432	2.68	0.05	0.10
98110		22.4	4.36	13.70	0.15	0.13	<0.01	0.031	0.09	9.0	43.7	2.54	375	1.94	0.05	0.11
98111		14.0	3.90	12.30	0.20	0.17	<0.01	0.030	0.04	30.4	41.3	2.31	348	1.82	0.06	0.12
98112		12.8	3.89	12.25	0.18	0.18	<0.01	0.024	0.04	25.0	41.8	2.34	343	1.71	0.06	0.12
98113		46.1	3.90	12.80	0.17	0.16	<0.01	0.029	0.05	15.6	41.4	2.39	343	2.71	0.05	0.09
98114		10.4	3.89	11.90	0.13	0.29	<0.01	0.021	0.13	20.4	44.8	2.55	337	3.99	0.03	0.12
98115		9.6	3.49	10.85	0.14	0.35	<0.01	0.019	0.15	20.9	40.9	2.31	303	6.89	0.04	0.13
98116		13.5	3.40	12.10	0.18	0.32	0.01	0.022	0.06	19.2	38.9	2.34	307	3.75	0.06	0.12
98117		12.1	3.97	15.40	0.19	0.38	0.01	0.023	0.05	18.9	44.1	2.90	354	25.9	0.07	0.10
98118		26.3	3.80	13.15	0.17	0.32	<0.01	0.023	0.04	19.3	28.6	2.41	348	4.13	0.06	0.11
98119		126.5	4.18	13.10	0.24	0.40	<0.01	0.122	0.03	37.5	32.0	2.52	332	17.05	0.08	0.10
98120		500	5.43	5.85	0.23	0.52	0.01	0.633	0.05	25.0	13.5	0.87	156	68.5	0.08	0.35
98121		264	6.37	5.65	0.30	0.33	0.01	0.385	0.14	34.1	15.3	0.71	186	27.0	0.07	0.49
98122		7.1	0.13	0.16	<0.05	<0.02	<0.01	0.006	<0.01	1.3	0.2	0.41	96	0.31	<0.01	<0.05
98123		536	6.67	7.76	0.29	0.23	0.01	0.214	0.04	14.3	19.4	1.58	338	41.6	0.05	0.11
98124		166.5	3.73	3.83	0.23	0.32	<0.01	0.026	0.03	61.7	9.3	0.61	154	7.66	0.06	0.31
98125		145.0	3.79	4.98	0.24	0.33	<0.01	0.039	0.04	56.8	11.2	1.15	280	84.3	0.07	0.19
98126		85.3	3.10	4.22	0.31	0.29	<0.01	0.065	0.14	64.4	10.2	0.91	261	7.61	0.10	0.19
98127		135.0	6.22	10.80	0.33	0.08	<0.01	0.092	0.52	9.9	50.3	5.50	450	19.85	0.02	<0.05
98128		49.4	4.32	5.03	0.23	<0.02	<0.01	0.010	0.01	0.3	11.8	3.72	156	1.36	<0.01	<0.05
98129		71.0	4.59	7.30	0.22	<0.02	0.01	0.013	0.19	0.2	34.3	5.14	293	0.90	<0.01	<0.05
98130		43.7	4.58	13.60	0.32	0.03	<0.01	0.018	0.32	6.6	72.0	6.40	469	4.86	<0.01	<0.05
98131		436	4.72	3.10	0.26	0.52	0.01	0.184	0.05	50.1	9.4	0.58	154	8.46	0.09	0.33
98132		384	8.04	2.16	0.30	0.27	0.02	3.84	0.06	23.9	4.4	0.24	110	14.70	0.04	1.06
98133		384	6.87	2.60	0.28	0.10	<0.01	0.159	0.06	7.2	8.2	0.54	233	32.4	0.05	0.14
98134		213	4.90	7.87	0.20	0.33	<0.01	0.241	0.68	20.3	24.4	1.53	450	4.96	0.06	0.13
98135		52.5	4.53	10.00	0.23	0.34	<0.01	0.043	0.64	17.6	27.5	1.94	510	2.41	0.07	0.07
98136		235	6.51	10.25	0.29	0.37	<0.01	0.470	0.84	15.1	25.9	1.68	501	24.6	0.06	0.08
98137		69.1	4.77	11.65	0.31	0.20	<0.01	0.110	1.70	23.3	28.6	1.84	623	2.31	0.07	0.21
98138		115.5	5.19	8.86	0.28	0.22	<0.01	0.050	1.12	25.4	20.8	1.47	446	1.98	0.08	0.23
98139		72.6	6.13	11.55	0.35	0.04	<0.01	0.020	1.87	1.4	85.6	4.40	650	0.60	0.06	<0.05
98140		73.0	4.10	8.12	0.29	0.16	<0.01	0.019	0.04	32.9	34.0	3.15	552	2.10	0.08	0.06





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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365715**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
98101		98.7	550	4.8	62.8	0.001	0.24	<0.05	14.6	0.2	0.8	6.9	0.01	0.04	6.5	0.275
98102		<0.2	60	0.2	0.4	<0.001	<0.01	<0.05	0.8	0.3	<0.2	79.5	<0.01	<0.01	<0.2	<0.005
98103		79.8	550	3.5	7.6	0.001	0.27	<0.05	10.7	<0.2	0.7	6.2	<0.01	0.06	6.4	0.226
98104		150.5	520	3.7	4.5	0.001	0.42	<0.05	9.0	0.2	0.6	5.0	0.01	0.04	6.4	0.188
98105		58.2	530	4.2	4.7	0.001	0.10	<0.05	9.6	<0.2	0.6	5.5	<0.01	0.04	6.4	0.183
98106		69.4	540	2.5	5.6	0.002	0.06	<0.05	10.1	<0.2	0.6	4.8	<0.01	0.08	7.1	0.205
98107		68.1	600	1.5	4.6	0.001	0.03	<0.05	10.4	<0.2	0.6	5.7	0.01	0.04	6.6	0.199
98108		86.6	730	2.1	4.8	0.001	0.04	<0.05	12.6	<0.2	0.7	5.8	0.01	0.04	6.5	0.224
98109		109.5	740	3.8	3.6	0.001	0.08	<0.05	13.3	<0.2	0.8	6.9	0.01	0.06	6.7	0.218
98110		85.2	520	3.7	4.0	0.001	0.09	<0.05	10.4	<0.2	0.6	5.2	0.01	0.05	6.6	0.203
98111		81.6	560	3.0	2.1	0.001	0.13	<0.05	10.0	<0.2	0.7	10.4	0.01	0.03	7.4	0.183
98112		77.1	550	2.7	2.1	0.001	0.11	<0.05	9.9	<0.2	0.7	8.2	0.01	0.10	7.5	0.186
98113		66.7	450	3.9	2.6	0.001	0.07	<0.05	10.8	0.4	0.7	6.7	0.01	0.03	6.2	0.191
98114		66.2	360	2.9	5.0	0.002	0.02	<0.05	6.7	0.4	0.8	5.4	0.01	0.05	17.0	0.161
98115		57.8	380	2.4	5.2	0.004	0.02	<0.05	5.8	<0.2	0.7	5.6	0.01	0.06	17.4	0.139
98116		46.0	990	1.7	3.1	0.002	0.03	<0.05	9.1	0.6	0.9	9.0	0.01	0.01	8.4	0.180
98117		69.0	800	3.3	2.7	0.022	0.32	<0.05	12.4	0.3	1.2	7.8	0.01	0.10	7.2	0.218
98118		122.0	610	1.9	2.6	0.005	0.63	<0.05	9.9	0.3	0.9	6.5	0.01	0.06	6.2	0.203
98119		228	620	5.2	1.9	0.020	1.08	<0.05	11.9	0.9	1.3	9.9	<0.01	0.17	6.7	0.197
98120		207	1160	10.8	3.2	0.084	3.23	<0.05	9.1	3.7	1.9	20.9	0.01	4.98	7.8	0.128
98121		290	640	44.4	9.2	0.039	3.54	<0.05	6.3	4.3	2.0	22.9	0.01	0.28	8.5	0.156
98122		<0.2	70	0.4	0.1	<0.001	0.02	0.05	0.6	0.6	<0.2	86.0	<0.01	0.01	<0.2	<0.005
98123		1330	490	24.2	2.1	0.048	2.88	<0.05	4.7	3.9	2.0	18.0	<0.01	0.12	3.1	0.118
98124		77.3	1720	13.9	1.7	0.006	1.80	<0.05	2.1	1.7	1.7	37.2	<0.01	0.13	7.6	0.134
98125		61.4	1750	7.7	2.1	0.048	1.54	<0.05	2.3	1.1	1.7	106.5	<0.01	0.05	7.1	0.132
98126		58.1	1590	6.5	6.0	0.004	1.05	<0.05	3.1	0.9	1.9	52.4	<0.01	0.05	8.9	0.169
98127		999	880	3.9	24.3	0.018	2.28	<0.05	5.8	1.7	0.9	17.0	<0.01	0.09	2.6	0.152
98128		1170	90	2.2	0.5	0.003	1.86	<0.05	2.1	1.0	<0.2	2.3	<0.01	0.15	<0.2	0.062
98129		1120	10	9.8	8.0	0.003	1.54	<0.05	2.1	0.8	0.2	2.2	<0.01	0.12	<0.2	0.094
98130		983	110	20.2	14.2	0.005	0.88	<0.05	3.6	0.8	0.4	7.4	<0.01	0.12	0.6	0.129
98131		185.5	1560	15.9	2.6	0.005	2.45	<0.05	2.1	2.4	1.9	45.3	<0.01	0.14	7.5	0.157
98132		583	370	14.6	2.4	0.018	5.44	<0.05	2.2	8.5	4.0	7.3	0.01	0.40	7.2	0.130
98133		1745	200	18.0	3.8	0.011	3.94	<0.05	3.2	5.2	1.8	13.4	<0.01	1.44	1.5	0.091
98134		198.0	590	19.0	44.2	0.005	2.57	<0.05	11.3	3.0	2.7	8.8	<0.01	0.15	6.5	0.171
98135		96.6	580	7.9	39.5	0.002	2.07	<0.05	11.8	0.8	1.7	6.8	<0.01	0.15	6.6	0.186
98136		177.5	610	17.3	52.9	0.031	3.23	<0.05	13.6	3.2	4.0	4.5	<0.01	0.27	5.2	0.231
98137		102.0	590	5.3	80.0	0.001	0.88	<0.05	15.0	0.9	2.1	3.6	0.01	0.10	6.2	0.326
98138		297	530	4.5	42.3	0.002	1.46	<0.05	10.6	1.8	0.7	6.3	<0.01	0.14	5.8	0.239
98139		1100	100	4.8	80.9	0.001	0.70	<0.05	7.7	1.0	0.6	9.6	<0.01	0.10	0.3	0.282
98140		430	2080	6.1	1.8	0.001	0.59	<0.05	6.9	0.4	0.4	31.8	<0.01	0.04	4.2	0.183



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To: MINROC MANAGEMENT LTD.  
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 OAKVILLE ON L6J 7J9

Page: 2 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365715**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Zn-OG46	CRU-QC	PUL-QC
		TI ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Zn %	Pass2mm %	Pass75um %
		0.02	0.05	1	0.05	0.05	2	0.5	0.001	0.01	0.01
98101		0.37	1.67	100	0.13	9.60	90	6.0		76.5	87.2
98102		<0.02	0.22	<1	<0.05	2.10	6	<0.5			
98103		0.07	1.73	92	0.17	9.24	40	6.3			90.0
98104		0.06	1.62	85	0.20	5.79	17	5.6			
98105		0.05	1.44	90	0.17	5.81	20	6.1			
98106		0.06	1.58	100	0.24	6.11	33	6.1			
98107		0.05	1.58	96	0.22	7.19	39	6.1			
98108		0.05	1.54	112	0.22	8.41	26	5.2			
98109		0.06	1.86	119	0.19	10.80	28	5.2			
98110		0.04	1.68	98	0.17	6.86	40	4.5			
98111		0.05	1.84	93	0.17	9.43	41	6.0			
98112		0.04	1.76	92	0.17	8.67	38	5.8			
98113		0.05	1.48	95	0.18	7.82	26	6.1			
98114		0.05	3.31	58	0.17	16.15	24	12.4			
98115		0.04	3.32	49	0.18	15.65	26	13.8			
98116		0.04	2.30	90	0.17	14.40	36	13.4			
98117		0.05	1.90	126	0.19	12.90	21	15.4			
98118		0.05	1.47	101	0.17	10.40	20	12.0			
98119		0.26	1.52	108	0.26	12.05	175	15.6			
98120		0.08	2.16	76	0.19	9.39	2980	17.4			
98121		0.29	1.62	63	0.41	8.79	1940	11.4			
98122		<0.02	0.07	1	<0.05	2.13	9	<0.5			
98123		0.40	1.26	64	0.16	5.61	485	7.7			
98124		0.02	1.28	36	0.09	8.02	76	16.6			
98125		0.02	1.34	51	0.07	7.70	90	15.3			
98126		0.10	1.75	51	0.09	8.66	162	14.6			
98127		0.46	0.75	91	0.20	4.01	414	2.6			
98128		0.11	<0.05	48	0.24	0.60	35	<0.5			
98129		0.26	<0.05	66	0.18	0.54	74	<0.5			
98130		0.33	0.11	77	0.13	1.23	222	1.6			
98131		0.03	1.12	24	0.12	6.59	790	18.9			
98132		0.09	1.14	24	0.27	11.50	>10000	8.8	1.120		
98133		0.44	0.30	28	0.11	5.01	822	3.0			
98134		1.62	1.45	82	0.20	9.27	1075	12.2			
98135		1.34	1.61	104	0.13	9.21	128	11.4			
98136		1.32	2.01	114	0.08	10.05	1885	12.8			
98137		1.98	1.46	120	0.09	10.05	269	8.5			
98138		0.87	1.31	94	0.05	8.97	186	8.7			
98139		1.52	0.05	122	0.05	2.55	147	1.1			90.6
98140		0.05	0.74	84	0.08	7.45	290	5.8		73.3	91.5



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Page: 3 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365715**

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
98141		2.27	0.05	1.27	1.0	<0.02	<10	10	0.08	0.54	0.54	0.02	0.89	51.5	663	0.62
98142		2.65	0.09	1.32	0.2	<0.02	<10	10	0.07	0.49	0.66	0.04	0.66	56.8	736	0.71
98143		5.14	0.08	1.75	<0.1	<0.02	<10	<10	<0.05	0.24	0.18	0.01	0.35	53.5	1050	0.14
98144		5.14	0.10	2.27	<0.1	<0.02	<10	160	0.07	0.41	0.51	0.05	0.38	54.1	1165	12.80
98145		<0.02	0.09	2.07	1.3	<0.02	<10	150	0.06	0.41	0.42	0.03	0.31	49.1	1070	11.25
98146		3.07	0.13	0.60	0.7	<0.02	<10	10	0.06	0.56	2.02	0.09	1.54	62.6	644	0.12
98147		2.52	0.08	1.77	<0.1	<0.02	<10	60	0.11	0.59	2.87	0.03	1.91	78.8	1400	1.32
98148		3.78	0.03	1.99	0.7	<0.02	<10	<10	<0.05	0.41	0.64	<0.01	0.49	69.5	1330	0.27
98149		4.87	0.03	1.02	1.4	<0.02	10	<10	<0.05	0.45	1.26	<0.01	0.56	32.8	793	0.15
98150		4.29	<0.01	0.97	1.6	<0.02	20	<10	<0.05	0.51	2.00	0.01	0.78	40.8	730	0.29

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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Page: 3 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

<b>CERTIFICATE OF ANALYSIS SD22365715</b>
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Sample Description	Method Analyte Units LOD	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01	ME-MS41 Nb ppm 0.05
98141		26.3	2.00	3.36	0.07	0.03	<0.01	<0.005	0.06	0.4	31.8	2.06	356	0.46	0.05	<0.05
98142		56.4	2.13	3.65	0.08	0.03	0.01	0.005	0.06	0.3	31.3	2.18	373	0.53	0.06	<0.05
98143		100.5	2.29	4.76	0.09	<0.02	<0.01	0.005	<0.01	0.2	4.2	3.04	162	0.27	<0.01	<0.05
98144		39.7	2.75	9.11	0.10	<0.02	0.01	0.010	1.28	0.2	29.8	4.05	232	4.10	0.02	<0.05
98145		34.4	2.50	8.26	0.08	<0.02	<0.01	0.006	1.15	0.2	27.1	3.65	211	2.36	0.01	<0.05
98146		114.5	1.96	2.40	0.06	0.05	0.01	0.007	0.03	0.8	8.2	0.76	489	1.95	0.10	<0.05
98147		77.8	3.44	5.06	0.14	0.06	<0.01	0.011	0.14	1.0	32.6	2.27	799	0.34	0.16	<0.05
98148		85.9	2.66	5.18	0.12	<0.02	<0.01	0.009	0.01	0.2	1.2	4.10	160	0.21	<0.01	<0.05
98149		12.2	1.91	2.06	0.05	<0.02	<0.01	0.006	<0.01	0.3	0.6	3.49	235	0.07	0.01	<0.05
98150		1.3	2.79	2.40	0.08	<0.02	0.01	0.009	<0.01	0.4	1.0	4.84	436	<0.05	0.01	<0.05



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Page: 3 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365715
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Sample Description	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Method Analyte Units LOD	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
98141	793	50	2.9	3.3	<0.001	0.13	<0.05	2.8	0.4	0.2	5.8	<0.01	0.07	<0.2	0.064
98142	877	30	3.4	3.4	0.001	0.18	<0.05	3.2	0.6	0.2	6.8	<0.01	0.09	<0.2	0.067
98143	767	120	0.2	0.3	<0.001	0.40	<0.05	2.4	0.3	<0.2	1.9	<0.01	0.05	<0.2	0.034
98144	843	70	2.2	61.7	0.007	0.15	<0.05	2.7	0.5	<0.2	8.0	<0.01	0.04	<0.2	0.097
98145	765	50	2.6	55.8	0.003	0.13	<0.05	2.3	0.5	<0.2	6.5	<0.01	0.05	<0.2	0.089
98146	1090	110	3.4	1.2	0.002	0.42	<0.05	5.3	0.3	0.2	33.1	<0.01	0.10	<0.2	0.076
98147	979	80	1.4	6.3	0.001	0.17	<0.05	7.8	0.4	0.3	45.0	<0.01	0.08	0.4	0.138
98148	1150	50	0.2	0.5	0.001	0.45	<0.05	3.1	0.7	<0.2	7.3	<0.01	0.07	<0.2	0.024
98149	722	80	0.5	0.2	0.001	0.09	<0.05	2.4	0.2	<0.2	33.4	<0.01	0.03	<0.2	0.017
98150	608	20	0.5	0.3	<0.001	0.03	<0.05	5.9	0.2	<0.2	72.2	<0.01	0.03	<0.2	0.017

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 3 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365715
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Sample Description	Method Analyte Units LOD	ME-MS41 TI ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	Zn-OG46 Zn % 0.001	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
98141		0.07	<0.05	27	0.05	1.24	36	0.7			
98142		0.08	<0.05	29	<0.05	1.32	39	0.7			
98143		0.03	<0.05	37	<0.05	0.34	22	<0.5			
98144		0.85	<0.05	53	<0.05	0.55	77	<0.5			
98145		0.78	<0.05	48	<0.05	0.48	70	<0.5			
98146		0.10	<0.05	35	<0.05	3.82	38	0.8			
98147		0.13	<0.05	67	0.45	4.38	31	1.4			
98148		0.04	<0.05	59	<0.05	0.89	17	<0.5			
98149		<0.02	<0.05	36	0.09	0.99	11	<0.5			
98150		<0.02	<0.05	37	0.05	2.09	13	<0.5			

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Page: Appendix 1  
 Total # Appendix Pages: 1  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365715**

	<b>CERTIFICATE COMMENTS</b>												
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).            ME-MS41</p>												
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21d</td> <td style="width: 15%;">LOG-22</td> </tr> <tr> <td>PUL-31</td> <td>PUL-31d</td> <td>PUL-QC</td> <td>SPL-21</td> </tr> <tr> <td>SPL-21d</td> <td>WEI-21</td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-21d	LOG-22	PUL-31	PUL-31d	PUL-QC	SPL-21	SPL-21d	WEI-21		
CRU-31	CRU-QC	LOG-21d	LOG-22										
PUL-31	PUL-31d	PUL-QC	SPL-21										
SPL-21d	WEI-21												
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">ME-MS41</td> <td style="width: 33%;">ME-OG46</td> <td style="width: 33%;">Zn-OG46</td> <td></td> </tr> </table>	ME-MS41	ME-OG46	Zn-OG46									
ME-MS41	ME-OG46	Zn-OG46											



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Page: 1  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 1-FEB-2023  
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**SD22365718**

Project: LAL-VIC 2022 DDH  
 P.O. No.: BATCH 35  
 This report is for 50 samples of 1/2 Core submitted to our lab in Sudbury, ON,  
 Canada on 19-DEC-2022.

The following have access to data associated with this certificate:

SAHIL ALURKAR  
 FRANCIS NEWTON

FRANCIS NEWTON  
 BRIAN NEWTON

BRIAN NEWTON  
 ACCESS WEBTRIEVE

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21d	Sample logging - ClientBarCode Dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Cu-OG46	Ore Grade Cu - Aqua Regia	
ME-MS41	Ultra Trace Aqua Regia ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**

Saa Traxler, Director, North Vancouver Operations





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Page: 2 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 1-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365718**

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Units		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
LOD		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
98151		3.76	<0.01	1.14	0.4	<0.02	10	<10	<0.05	0.20	2.28	0.01	0.98	37.2	795	0.29
98152		1.21	<0.01	0.03	<0.1	<0.02	<10	10	<0.05	0.01	>25.0	0.01	1.03	2.2	9	<0.05
98153		4.31	<0.01	1.34	0.6	<0.02	10	<10	<0.05	0.25	1.14	0.01	0.49	44.6	977	0.26
98154		4.31	0.01	1.54	1.1	<0.02	10	<10	<0.05	0.43	1.79	0.01	0.70	51.2	1080	0.29
98155		0.06	3.06	0.41	28.5	0.86	10	20	<0.05	0.59	0.47	0.94	3.48	1210	89	0.53
98156		4.29	<0.01	1.32	1.1	<0.02	10	<10	<0.05	0.42	1.90	0.01	0.74	46.2	975	0.25
98157		4.26	0.01	1.25	2.0	<0.02	10	<10	<0.05	0.75	2.30	0.01	0.82	51.7	923	0.26
98158		4.44	0.05	1.74	1.0	<0.02	<10	<10	<0.05	0.58	0.43	0.01	0.24	53.9	1145	0.25
98159		4.08	0.11	1.18	0.1	<0.02	<10	40	<0.05	0.30	1.59	0.02	0.78	35.6	719	0.65
98160		4.77	0.05	2.71	0.2	<0.02	<10	130	0.07	0.22	3.92	0.02	1.30	77.6	1310	4.34
98161		4.33	0.03	1.68	0.7	<0.02	10	<10	<0.05	0.20	1.42	0.01	0.71	43.4	1175	0.34
98162		<0.02	0.03	1.58	0.8	<0.02	10	<10	<0.05	0.19	1.54	0.01	0.74	41.3	1120	0.34
98163		4.03	0.01	0.74	7.8	<0.02	10	<10	<0.05	0.43	4.91	0.02	1.80	41.3	584	0.23
98164		2.31	0.03	1.63	0.9	<0.02	10	<10	<0.05	0.45	2.36	0.03	1.40	55.7	1085	0.29
98165		2.29	0.03	1.61	0.6	<0.02	<10	<10	<0.05	0.38	2.55	0.02	1.48	56.7	1085	0.29
98166		3.96	0.02	2.41	0.5	<0.02	<10	<10	<0.05	0.23	1.33	0.01	0.80	60.8	1390	0.34
98167		4.30	0.03	2.49	0.1	<0.02	<10	170	0.06	0.33	4.87	0.03	5.94	66.3	1030	7.92
98168		4.36	0.03	3.32	0.4	<0.02	<10	880	0.41	0.30	1.91	0.11	26.4	46.9	607	20.9
98169		3.91	0.03	2.03	0.5	<0.02	<10	<10	<0.05	0.44	0.44	0.01	0.57	53.6	1295	0.61
98170		4.32	0.03	2.53	0.1	<0.02	<10	350	0.09	0.20	4.15	0.02	1.18	56.8	1045	18.20
98171		4.01	0.03	2.14	0.5	<0.02	<10	<10	<0.05	0.30	1.65	0.02	0.89	58.9	1325	0.52
98172		1.11	<0.01	0.04	<0.1	<0.02	<10	30	<0.05	0.01	>25.0	0.01	0.97	2.0	10	<0.05
98173		4.09	<0.01	1.72	0.8	<0.02	10	<10	<0.05	0.40	3.06	0.03	1.36	53.0	1135	0.55
98174		4.02	0.01	2.07	0.3	<0.02	10	<10	<0.05	0.31	1.81	0.02	0.91	56.2	1350	0.64
98175		4.63	0.03	2.44	0.3	<0.02	<10	30	<0.05	0.30	1.80	0.02	0.78	66.1	1405	1.82
98176		4.04	0.03	1.64	0.4	<0.02	10	<10	<0.05	0.46	2.58	0.03	1.25	52.3	1100	0.53
98177		3.67	0.03	2.40	0.6	<0.02	10	<10	<0.05	0.33	1.45	0.02	1.03	64.6	1415	0.64
98178		4.59	0.02	1.71	1.0	<0.02	10	<10	<0.05	0.56	2.11	0.02	0.98	58.9	1190	0.77
98179		4.60	0.01	1.62	0.6	<0.02	10	10	<0.05	0.43	3.21	0.04	1.31	54.8	1060	1.62
98180		3.85	0.05	1.74	0.7	<0.02	10	<10	<0.05	0.57	2.03	0.04	0.89	56.4	1115	1.04
98181		4.22	0.05	2.35	0.4	<0.02	10	10	<0.05	0.28	1.44	0.02	0.99	70.9	1400	1.36
98182		4.00	0.02	1.27	1.2	<0.02	<10	20	<0.05	0.77	3.15	0.06	1.38	49.3	812	2.22
98183		3.73	0.01	2.30	0.5	<0.02	<10	120	0.11	0.34	1.79	0.01	0.94	51.2	1160	14.30
98184		4.18	0.03	1.75	0.6	<0.02	<10	30	<0.05	0.43	0.10	<0.01	0.17	52.2	1110	3.84
98185		4.22	0.03	1.69	0.6	<0.02	<10	10	<0.05	0.47	0.14	0.01	0.22	54.5	1105	1.66
98186		4.35	0.04	2.00	0.7	<0.02	<10	<10	0.05	0.30	0.34	0.01	0.35	57.3	1235	0.93
98187		4.79	0.06	1.53	0.3	<0.02	<10	50	<0.05	0.24	2.45	0.02	1.29	48.9	840	2.85
98188		4.30	0.02	2.04	0.3	<0.02	<10	290	0.14	0.15	1.81	0.01	12.25	35.6	786	17.00
98189		4.36	0.02	1.51	<0.1	<0.02	<10	360	0.34	0.20	4.20	0.04	27.7	30.2	578	11.20
98190		2.28	0.04	1.77	0.1	<0.02	<10	290	0.25	0.85	4.64	0.03	6.26	42.1	758	12.40



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Page: 2 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
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Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365718**

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
Units		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
LOD		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
98151		5.9	2.98	3.08	0.14	<0.02	<0.01	0.011	<0.01	0.4	1.2	5.72	550	0.14	<0.01	<0.05
98152		7.8	0.13	0.10	<0.05	<0.02	<0.01	<0.005	<0.01	1.3	0.4	0.77	98	0.11	<0.01	<0.05
98153		4.8	2.99	3.58	0.14	<0.02	<0.01	0.012	<0.01	0.2	1.1	6.05	377	0.10	<0.01	<0.05
98154		8.9	3.15	3.87	0.14	<0.02	<0.01	0.012	<0.01	0.3	1.0	6.54	398	0.55	<0.01	<0.05
98155		>10000	34.6	1.92	1.02	0.09	0.01	0.104	0.03	1.9	3.7	0.46	187	3.56	0.02	0.20
98156		7.6	2.81	3.43	0.12	<0.02	<0.01	0.011	<0.01	0.3	1.0	6.05	376	0.10	<0.01	<0.05
98157		10.2	2.58	3.39	0.11	<0.02	<0.01	0.010	<0.01	0.4	0.8	5.17	362	0.12	<0.01	<0.05
98158		41.5	2.25	5.04	0.11	<0.02	<0.01	0.009	<0.01	<0.2	1.1	4.02	149	0.18	<0.01	<0.05
98159		64.2	2.03	3.13	0.10	0.05	<0.01	0.009	0.09	0.4	14.1	1.86	415	0.13	0.13	<0.05
98160		70.2	4.27	6.21	0.16	0.03	<0.01	0.017	0.40	0.6	30.8	4.38	714	0.17	0.10	<0.05
98161		15.9	2.64	4.20	0.10	<0.02	<0.01	0.012	0.01	0.3	1.2	4.99	306	0.09	<0.01	<0.05
98162		15.5	2.59	3.98	0.11	<0.02	<0.01	0.010	0.01	0.3	1.2	4.84	318	0.09	<0.01	<0.05
98163		18.7	2.53	1.96	0.08	<0.02	<0.01	0.006	<0.01	0.8	1.0	5.28	714	0.11	<0.01	<0.05
98164		49.2	2.64	4.07	0.10	<0.02	<0.01	0.012	0.01	0.6	1.1	4.93	428	0.13	<0.01	<0.05
98165		53.2	2.72	4.09	0.11	<0.02	<0.01	0.012	0.01	0.7	1.1	4.97	461	0.25	<0.01	<0.05
98166		63.0	3.62	6.02	0.12	<0.02	<0.01	0.013	0.01	0.4	3.5	5.09	340	0.15	<0.01	<0.05
98167		41.2	3.79	6.00	0.13	0.02	<0.01	0.013	0.62	3.2	30.2	5.01	792	0.16	0.03	<0.05
98168		29.9	4.40	7.57	0.20	0.05	<0.01	0.023	1.58	12.8	66.9	4.59	497	0.20	0.17	<0.05
98169		59.4	2.49	6.06	0.12	<0.02	<0.01	0.012	0.01	0.3	2.3	4.33	172	0.23	<0.01	<0.05
98170		50.6	3.86	6.47	0.15	<0.02	<0.01	0.010	1.33	0.6	40.1	5.02	687	0.12	0.02	<0.05
98171		64.2	3.16	5.71	0.12	<0.02	<0.01	0.014	0.01	0.4	1.5	5.48	375	0.20	<0.01	<0.05
98172		3.9	0.13	0.10	<0.05	<0.02	<0.01	<0.005	<0.01	1.2	0.4	0.57	86	0.12	<0.01	<0.05
98173		13.8	2.77	4.66	0.11	<0.02	<0.01	0.012	0.01	0.6	1.2	6.04	470	0.16	<0.01	<0.05
98174		19.0	3.03	5.35	0.12	<0.02	<0.01	0.015	0.01	0.4	1.3	5.94	369	0.11	<0.01	<0.05
98175		82.1	3.88	6.10	0.14	<0.02	<0.01	0.015	0.12	0.3	4.2	5.89	392	0.13	<0.01	<0.05
98176		20.0	2.76	4.20	0.11	<0.02	<0.01	0.011	0.01	0.5	1.3	5.32	440	0.12	<0.01	<0.05
98177		65.1	3.94	5.56	0.11	<0.02	0.01	0.014	0.01	0.4	1.6	6.09	366	0.13	0.01	<0.05
98178		24.2	2.94	4.02	0.08	<0.02	0.01	0.013	0.02	0.4	1.5	5.51	445	<0.05	0.01	<0.05
98179		10.4	3.04	4.15	0.08	<0.02	<0.01	0.012	0.06	0.5	2.7	5.80	555	<0.05	0.01	<0.05
98180		32.7	2.74	4.25	0.09	0.02	0.01	0.010	0.03	0.4	2.1	5.07	437	0.06	0.01	<0.05
98181		147.0	4.02	5.27	0.10	<0.02	<0.01	0.018	0.06	0.4	2.6	5.79	360	0.05	0.01	<0.05
98182		24.9	2.16	3.22	0.06	<0.02	<0.01	0.010	0.12	0.6	2.8	4.84	451	0.06	0.01	<0.05
98183		16.2	2.77	6.05	0.10	<0.02	<0.01	0.010	0.92	0.4	27.1	5.59	360	<0.05	0.02	<0.05
98184		71.4	2.05	4.92	0.07	<0.02	<0.01	0.009	0.22	<0.2	5.9	3.68	101	0.06	0.01	<0.05
98185		66.2	2.06	4.69	0.09	<0.02	<0.01	0.007	0.08	<0.2	3.1	3.62	114	0.06	0.01	<0.05
98186		85.9	2.75	5.33	0.10	<0.02	0.01	0.009	0.02	0.2	2.4	4.15	144	0.06	0.01	<0.05
98187		69.1	2.62	3.72	0.07	<0.02	<0.01	0.006	0.20	0.7	11.0	3.59	431	0.12	0.02	<0.05
98188		15.0	2.70	5.40	0.09	0.05	<0.01	0.006	1.30	5.6	62.2	3.86	351	<0.05	0.08	<0.05
98189		7.9	2.08	4.48	0.12	0.08	<0.01	0.011	1.01	14.0	49.7	2.43	570	<0.05	0.13	<0.05
98190		38.4	2.60	4.35	0.12	0.03	0.01	0.006	1.04	4.1	56.2	3.12	652	<0.05	0.10	<0.05



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 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 1-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365718**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
98151		520	40	0.8	0.3	<0.001	0.01	<0.05	6.8	<0.2	<0.2	95.8	<0.01	0.01	<0.2	0.022
98152		7.4	70	0.4	0.1	<0.001	0.01	<0.05	0.6	1.3	<0.2	89.2	<0.01	0.01	<0.2	<0.005
98153		664	20	0.5	0.3	<0.001	0.01	<0.05	6.7	<0.2	<0.2	46.6	<0.01	0.01	<0.2	0.028
98154		816	40	0.7	0.3	<0.001	0.03	<0.05	7.6	<0.2	<0.2	72.1	<0.01	0.03	<0.2	0.028
98155		>10000	70	38.3	1.7	0.049	>10.0	0.25	1.5	12.6	1.0	5.3	<0.01	0.93	0.5	0.044
98156		730	30	0.8	0.3	<0.001	0.02	<0.05	6.9	<0.2	<0.2	84.3	<0.01	0.01	<0.2	0.026
98157		843	30	0.9	0.3	<0.001	0.05	<0.05	6.4	0.2	<0.2	101.0	<0.01	0.04	<0.2	0.022
98158		1005	<10	0.4	0.4	0.001	0.20	<0.05	3.0	<0.2	<0.2	9.5	<0.01	0.04	<0.2	0.026
98159		461	120	1.3	4.3	<0.001	0.10	<0.05	5.8	<0.2	<0.2	28.5	<0.01	0.02	<0.2	0.067
98160		807	170	2.0	21.8	<0.001	0.28	<0.05	10.8	0.3	0.2	113.0	<0.01	0.03	<0.2	0.092
98161		655	20	0.5	0.6	<0.001	0.05	<0.05	4.9	0.2	<0.2	57.2	<0.01	0.01	<0.2	0.027
98162		631	20	0.6	0.6	<0.001	0.05	<0.05	4.7	0.2	<0.2	62.7	<0.01	0.01	<0.2	0.026
98163		722	170	1.8	0.3	<0.001	0.07	<0.05	3.9	0.3	<0.2	243	<0.01	0.04	<0.2	0.017
98164		928	50	1.1	0.5	0.001	0.16	<0.05	4.4	0.4	<0.2	115.5	<0.01	0.04	<0.2	0.026
98165		943	40	1.1	0.5	<0.001	0.17	<0.05	4.5	0.3	<0.2	123.0	<0.01	0.02	<0.2	0.027
98166		884	60	0.6	0.6	<0.001	0.28	<0.05	3.5	0.3	<0.2	61.7	<0.01	0.02	<0.2	0.039
98167		927	240	3.7	37.3	<0.001	0.18	<0.05	8.1	0.3	<0.2	282	<0.01	0.02	0.5	0.062
98168		566	880	11.6	89.0	<0.001	0.10	<0.05	13.2	0.3	0.5	106.5	<0.01	0.03	2.6	0.127
98169		945	30	0.5	1.2	0.001	0.17	<0.05	2.8	0.3	<0.2	18.8	<0.01	0.03	<0.2	0.029
98170		688	170	8.2	77.4	0.001	0.12	<0.05	3.6	0.4	<0.2	175.0	<0.01	0.02	<0.2	0.080
98171		871	70	0.9	1.1	0.001	0.14	<0.05	4.2	0.2	<0.2	91.0	<0.01	0.02	<0.2	0.033
98172		5.4	70	0.5	0.2	<0.001	0.01	<0.05	0.6	1.2	<0.2	82.5	<0.01	<0.01	<0.2	<0.005
98173		804	10	1.3	1.1	<0.001	0.04	<0.05	5.5	<0.2	<0.2	202	<0.01	0.03	<0.2	0.031
98174		790	60	1.0	1.3	<0.001	0.04	<0.05	6.2	<0.2	<0.2	112.5	<0.01	0.01	<0.2	0.033
98175		880	100	1.1	6.7	0.001	0.22	<0.05	5.3	0.2	<0.2	108.5	<0.01	0.03	<0.2	0.042
98176		811	60	1.3	1.1	<0.001	0.09	<0.05	3.8	0.3	<0.2	180.5	<0.01	0.02	<0.2	0.027
98177		788	140	1.0	1.0	0.001	0.21	<0.05	6.7	0.4	<0.2	88.5	<0.01	0.04	<0.2	0.035
98178		908	40	1.1	1.4	0.001	0.11	<0.05	5.2	0.2	<0.2	140.5	<0.01	0.04	<0.2	0.026
98179		831	70	1.8	3.7	<0.001	0.06	<0.05	6.4	<0.2	<0.2	218	<0.01	0.05	<0.2	0.025
98180		978	10	1.3	2.1	0.001	0.16	<0.05	4.1	<0.2	<0.2	125.5	<0.01	0.03	<0.2	0.025
98181		807	190	0.9	3.1	0.001	0.40	<0.05	6.7	0.3	<0.2	87.3	<0.01	0.05	<0.2	0.026
98182		876	10	1.4	5.9	0.001	0.09	<0.05	3.5	<0.2	<0.2	256	<0.01	0.03	<0.2	0.017
98183		766	50	0.7	42.2	<0.001	0.11	<0.05	4.4	<0.2	<0.2	97.5	<0.01	0.01	<0.2	0.048
98184		888	<10	<0.2	11.2	<0.001	0.26	<0.05	1.9	0.3	<0.2	3.6	<0.01	0.03	<0.2	0.024
98185		896	10	0.2	4.6	0.001	0.27	<0.05	2.4	0.3	<0.2	5.9	<0.01	0.04	<0.2	0.019
98186		846	50	0.3	1.9	0.001	0.39	<0.05	2.8	0.3	<0.2	17.6	<0.01	0.04	<0.2	0.020
98187		747	310	1.0	10.1	<0.001	0.41	<0.05	1.8	<0.2	<0.2	124.0	<0.01	0.03	<0.2	0.026
98188		512	310	2.7	65.5	<0.001	0.05	<0.05	2.7	<0.2	<0.2	79.2	<0.01	0.01	0.8	0.075
98189		460	620	3.3	56.2	<0.001	0.02	<0.05	3.7	<0.2	0.3	185.5	<0.01	0.02	2.1	0.079
98190		639	270	4.0	60.2	0.001	0.14	<0.05	3.5	0.2	0.4	204	<0.01	0.11	0.2	0.068



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Page: 2 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 1-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365718**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Cu-OG46	CRU-QC	PUL-QC
		TI	U	V	W	Y	Zn	Zr	Cu	Pass2mm	Pass75um
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
		0.02	0.05	1	0.05	0.05	2	0.5	0.001	0.01	0.01
98151		<0.02	<0.05	42	0.06	2.99	18	<0.5		80.3	92.7
98152		<0.02	0.10	1	0.07	2.74	3	<0.5			
98153		<0.02	<0.05	50	0.05	1.52	19	<0.5			
98154		<0.02	<0.05	56	0.06	2.21	21	<0.5			92.7
98155		0.08	0.12	20	3.44	1.58	68	3.1	1.390		
98156		<0.02	<0.05	49	0.06	2.29	18	<0.5			
98157		<0.02	<0.05	46	0.05	2.19	15	<0.5			
98158		0.02	<0.05	48	0.05	0.65	23	<0.5			
98159		0.07	<0.05	41	<0.05	2.60	20	1.1			
98160		0.29	<0.05	88	0.06	3.97	33	0.8			
98161		<0.02	<0.05	56	0.09	1.62	17	<0.5			
98162		<0.02	<0.05	53	0.09	1.70	16	<0.5			
98163		<0.02	<0.05	26	0.07	3.51	13	<0.5			
98164		0.02	<0.05	53	0.07	2.19	20	<0.5			
98165		0.02	<0.05	53	0.09	2.32	19	<0.5			
98166		0.02	<0.05	79	0.07	1.32	24	<0.5			
98167		0.47	0.08	74	0.06	4.16	26	0.7			
98168		1.15	0.77	104	0.10	6.57	100	1.4	70.9		
98169		0.05	0.05	55	0.06	0.73	23	<0.5			
98170		0.94	<0.05	67	0.07	2.70	28	<0.5			
98171		0.03	<0.05	65	0.07	1.98	25	<0.5			
98172		<0.02	0.10	1	<0.05	2.47	2	<0.5			
98173		<0.02	<0.05	60	0.06	3.43	20	<0.5			
98174		0.02	<0.05	72	0.07	2.62	25	<0.5			
98175		0.09	<0.05	83	0.07	2.07	26	<0.5			
98176		0.02	<0.05	56	0.06	2.97	22	<0.5			
98177		0.03	<0.05	93	0.08	2.53	29	<0.5			
98178		0.03	<0.05	62	0.06	2.51	25	<0.5			
98179		0.05	<0.05	59	0.07	3.50	25	<0.5			
98180		0.04	<0.05	55	0.06	1.91	31	<0.5			
98181		0.05	<0.05	93	0.07	2.53	29	<0.5			
98182		0.08	<0.05	42	0.06	2.95	27	<0.5	71.8		
98183		0.48	<0.05	67	0.05	2.00	22	<0.5			
98184		0.16	<0.05	47	0.10	0.37	19	<0.5			
98185		0.08	<0.05	50	0.07	0.49	20	<0.5			
98186		0.04	<0.05	61	0.08	0.79	21	<0.5			
98187		0.14	<0.05	43	0.05	1.87	15	<0.5			
98188		0.81	0.24	43	<0.05	1.61	25	1.4			
98189		0.68	0.74	41	<0.05	4.16	31	2.4			86.8
98190		0.79	0.05	40	<0.05	3.09	20	1.1	82.1		86.6



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Page: 3 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 1-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365718**

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Recvd Wt. kg	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm
		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
98191		1.29	0.05	2.15	0.3	<0.02	<10	20	<0.05	0.20	0.24	<0.01	0.39	55.6	1100	1.64
98192		1.37	0.05	2.24	0.2	<0.02	<10	20	<0.05	0.18	0.23	0.01	0.40	56.3	1125	1.68
98193		3.07	0.03	1.53	0.2	<0.02	<10	10	<0.05	0.26	0.98	0.01	0.44	47.8	887	0.72
98194		2.77	0.05	0.79	0.1	<0.02	<10	200	<0.05	0.24	6.66	0.02	1.67	39.0	382	4.99
98195		<0.02	0.05	0.88	0.2	<0.02	<10	220	<0.05	0.26	6.85	0.03	1.80	37.9	423	5.85
98196		2.33	0.03	0.14	<0.1	<0.02	<10	140	<0.05	0.04	15.80	0.04	2.62	40.2	145	0.36
98197		4.38	0.07	0.97	0.2	<0.02	<10	80	<0.05	0.16	7.63	0.02	1.51	35.2	476	3.36
98198		3.83	0.11	1.87	0.1	<0.02	<10	470	0.12	0.13	0.40	0.05	51.9	19.8	151	4.11
98199		3.49	0.17	1.27	<0.1	<0.02	<10	170	0.11	0.19	0.64	0.06	61.1	20.5	100	2.25
98200		3.80	0.10	2.28	<0.1	<0.02	<10	520	0.23	0.20	0.21	0.24	40.5	21.2	203	4.39

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Page: 3 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 1-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365718**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
98191		90.5	2.97	5.67	0.07	<0.02	0.01	0.007	0.10	0.2	11.7	3.84	156	<0.05	0.01	<0.05
98192		88.8	3.07	5.95	0.09	<0.02	<0.01	0.008	0.11	0.2	12.3	4.01	162	<0.05	0.01	<0.05
98193		65.5	2.25	3.96	0.06	<0.02	<0.01	0.005	0.03	0.2	6.9	3.05	214	0.14	0.01	<0.05
98194		46.5	1.42	2.04	0.05	<0.01	0.006	0.46	0.9	25.3	1.38	913	0.18	0.09	<0.05	
98195		45.4	1.55	2.23	0.07	0.05	0.01	<0.005	0.54	1.0	29.1	1.55	984	0.16	0.10	<0.05
98196		52.0	0.73	0.61	<0.05	0.02	<0.01	<0.005	0.04	1.6	3.7	0.30	2490	0.06	0.04	<0.05
98197		49.9	1.68	2.45	0.05	0.03	<0.01	<0.005	0.27	0.8	19.2	1.80	988	0.10	0.05	<0.05
98198		61.4	3.47	9.75	0.15	0.24	0.01	0.032	1.51	26.0	29.9	1.58	493	1.26	0.05	0.21
98199		111.5	2.93	6.45	0.17	0.28	<0.01	0.015	0.75	29.3	17.9	1.25	287	0.33	0.07	0.12
98200		48.7	3.75	12.50	0.14	0.29	<0.01	0.040	1.35	21.0	27.9	1.90	575	1.43	0.04	0.27

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Page: 3 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 1-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365718
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	Method Analyte Units LOD	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2	ME-MS41 Ti % 0.005
98191		754	140	0.6	5.7	<0.001	0.33	<0.05	2.2	0.2	<0.2	9.6	<0.01	0.02	<0.2	0.030
98192		748	140	0.6	5.9	0.001	0.31	<0.05	2.3	0.2	<0.2	8.7	<0.01	0.01	<0.2	0.033
98193		834	150	0.4	2.3	<0.001	0.29	<0.05	1.7	0.5	<0.2	33.6	<0.01	0.05	<0.2	0.022
98194		547	100	2.4	28.8	0.001	0.09	<0.05	3.8	0.4	<0.2	129.5	<0.01	0.05	<0.2	0.072
98195		544	100	2.7	32.9	<0.001	0.09	<0.05	3.9	<0.2	<0.2	136.0	<0.01	0.04	<0.2	0.076
98196		687	90	1.1	3.8	<0.001	0.12	<0.05	2.3	0.3	<0.2	142.0	<0.01	0.02	<0.2	0.045
98197		578	90	1.9	18.3	<0.001	0.09	<0.05	2.4	0.2	<0.2	130.5	<0.01	0.02	<0.2	0.045
98198		65.7	820	2.6	53.6	0.001	0.24	<0.05	12.6	0.3	0.7	9.1	<0.01	0.02	5.7	0.260
98199		42.3	1100	2.2	29.2	<0.001	0.43	<0.05	6.9	<0.2	0.3	11.9	<0.01	0.04	4.9	0.172
98200		80.8	560	2.3	52.3	0.001	0.18	<0.05	12.6	0.2	0.9	4.6	<0.01	0.02	7.0	0.248

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Page: 3 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
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<b>CERTIFICATE OF ANALYSIS SD22365718</b>
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Sample Description	Method Analyte Units LOD	ME-MS41 TI ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	Cu-OG46 Cu % 0.001	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
98191		0.10	<0.05	52	<0.05	0.42	19	<0.5			
98192		0.09	<0.05	54	<0.05	0.41	20	<0.5			
98193		0.06	<0.05	40	<0.05	0.60	15	<0.5			
98194		0.39	<0.05	25	<0.05	6.75	13	1.1			
98195		0.43	<0.05	27	<0.05	6.56	15	1.1			
98196		0.15	<0.05	10	<0.05	12.85	5	0.5			
98197		0.26	<0.05	26	<0.05	5.37	12	0.6			
98198		0.30	1.38	96	0.06	6.68	95	8.9			
98199		0.16	0.96	66	0.06	5.89	62	10.6			
98200		0.31	2.32	93	0.11	7.91	156	10.2			





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Page: Appendix 1  
 Total # Appendix Pages: 1  
 Finalized Date: 1-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365718**

	<b>CERTIFICATE COMMENTS</b>												
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).            ME-MS41</p>												
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21d</td> <td style="width: 15%;">LOG-22</td> </tr> <tr> <td>LOG-23</td> <td>PUL-31</td> <td>PUL-31d</td> <td>PUL-QC</td> </tr> <tr> <td>SPL-21</td> <td>SPL-21d</td> <td>WEI-21</td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-21d	LOG-22	LOG-23	PUL-31	PUL-31d	PUL-QC	SPL-21	SPL-21d	WEI-21	
CRU-31	CRU-QC	LOG-21d	LOG-22										
LOG-23	PUL-31	PUL-31d	PUL-QC										
SPL-21	SPL-21d	WEI-21											
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Cu-OG46</td> <td style="width: 33%;">ME-MS41</td> <td style="width: 33%;">ME-OG46</td> <td></td> </tr> </table>	Cu-OG46	ME-MS41	ME-OG46									
Cu-OG46	ME-MS41	ME-OG46											



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Page: 1  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
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**SD22365721**

Project: LAL-VIC 2022 DDH  
 P.O. No.: BATCH 36  
 This report is for 50 samples of 1/2 Core submitted to our lab in Sudbury, ON,  
 Canada on 19-DEC-2022.

The following have access to data associated with this certificate:

SAHIL ALURKAR  
 FRANCIS NEWTON

FRANCIS NEWTON  
 BRIAN NEWTON

BRIAN NEWTON  
 ACCESS WEBTRIEVE

**SAMPLE PREPARATION**


ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS41	Ultra Trace Aqua Regia ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

  
**Signature:**  
 Saa Traxler, Director, North Vancouver Operations



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Page: 2 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365721**

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Units		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
LOD		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
98201		4.68	0.14	2.28	0.4	<0.02	<10	360	0.22	0.24	0.32	0.07	43.7	23.7	153	3.43
98202		0.58	<0.01	0.03	0.1	<0.02	<10	20	<0.05	0.01	>25.0	0.01	1.15	1.0	1	<0.05
98203		4.47	0.09	1.58	0.7	<0.02	<10	30	0.25	0.17	0.28	0.02	15.35	16.4	132	0.78
98204		4.75	0.08	0.65	0.3	<0.02	<10	10	0.13	0.10	0.19	0.03	12.30	9.2	75	0.27
98205		3.91	0.06	0.32	0.1	<0.02	<10	10	0.07	0.11	0.45	0.03	18.60	4.8	50	0.12
98206		4.42	0.04	1.86	0.2	<0.02	<10	30	0.37	0.23	0.27	0.06	15.20	16.0	127	0.71
98207		3.57	0.10	2.79	<0.1	<0.02	<10	460	0.25	0.20	0.16	0.02	35.5	23.0	177	4.37
98208		1.66	0.12	1.48	<0.1	<0.02	<10	130	0.35	0.27	1.78	0.10	202	15.4	130	1.51
98209		3.40	0.12	2.91	<0.1	<0.02	<10	510	0.26	0.29	0.15	0.09	35.2	23.6	178	5.12
98210		4.26	0.18	2.40	0.1	<0.02	<10	410	0.17	0.24	0.56	0.06	55.1	22.1	200	3.59
98211		4.77	0.14	2.82	<0.1	<0.02	<10	430	0.26	0.23	0.36	0.05	38.9	23.2	186	4.65
98212		<0.02	0.15	2.98	0.1	<0.02	<10	440	0.26	0.23	0.30	0.03	43.3	25.4	203	4.72
98213		4.44	0.11	2.98	<0.1	<0.02	<10	420	0.25	0.40	0.21	0.03	38.7	25.0	176	5.66
98214		0.81	0.04	1.13	<0.1	<0.02	<10	80	0.30	0.28	1.59	0.10	56.3	13.5	164	0.50
98215		0.79	0.04	1.28	<0.1	<0.02	<10	110	0.25	0.24	1.30	0.08	60.4	15.2	169	0.79
98216		4.39	0.12	2.42	<0.1	<0.02	<10	430	0.25	0.19	0.21	0.04	38.8	21.1	185	4.02
98217		4.57	0.13	2.39	<0.1	<0.02	<10	300	0.19	0.19	0.22	0.04	28.4	22.0	148	3.22
98218		2.88	0.11	3.21	<0.1	<0.02	<10	660	0.30	0.15	0.66	0.05	47.0	24.2	289	6.60
98219		2.85	0.11	2.45	<0.1	<0.02	<10	450	0.15	0.17	0.23	0.03	46.5	21.5	173	4.95
98220		2.60	0.22	1.72	<0.1	<0.02	<10	170	0.36	0.32	0.84	0.15	75.9	26.1	149	3.21
98221		1.41	0.34	0.89	0.1	<0.02	<10	30	0.44	1.11	0.41	2.26	51.8	40.6	139	0.84
98222		0.52	<0.01	0.02	0.2	<0.02	<10	20	<0.05	0.02	>25.0	0.02	1.22	1.5	2	<0.05
98223		2.23	0.88	1.34	<0.1	<0.02	<10	30	0.35	2.42	0.96	0.25	107.0	29.1	191	1.48
98224		3.83	0.27	0.68	0.1	<0.02	<10	30	0.25	0.58	1.82	1.07	99.4	33.4	128	0.62
98225		4.05	0.42	0.36	0.2	<0.02	<10	20	0.17	0.74	0.69	9.61	55.5	80.8	82	0.12
98226		2.87	0.93	0.35	<0.1	<0.02	<10	50	0.21	1.34	0.59	10.90	94.7	98.9	165	0.17
98227		3.14	0.26	0.35	<0.1	<0.02	<10	10	0.19	0.39	0.73	0.53	99.7	27.7	48	0.12
98228		3.53	0.37	0.54	0.7	<0.02	<10	50	0.12	0.68	0.49	6.27	46.4	48.8	133	0.65
98229		3.33	0.24	0.26	2.1	<0.02	<10	20	0.16	0.35	0.51	0.76	45.3	24.5	62	0.09
98230		1.98	0.39	0.28	<0.1	<0.02	<10	20	0.17	1.96	0.35	12.35	60.6	93.9	55	0.16
98231		4.20	0.14	0.72	4.9	<0.02	<10	30	0.12	0.60	0.37	0.87	42.6	26.8	150	0.91
98232		4.02	0.40	0.70	4.6	<0.02	<10	40	0.09	0.35	0.36	0.17	40.4	28.8	127	0.82
98233		3.07	1.31	0.57	0.7	<0.02	<10	50	0.19	2.52	1.56	10.50	21.5	134.5	525	1.65
98234		3.43	0.37	0.63	0.8	<0.02	<10	40	0.75	5.65	3.20	0.10	3.58	120.0	580	0.51
98235		3.25	0.15	0.66	1.2	<0.02	<10	150	0.39	3.18	0.80	0.04	1.42	91.3	643	2.65
98236		5.11	0.08	1.30	1.2	<0.02	<10	50	0.17	1.36	1.11	0.02	1.33	67.6	938	4.79
98237		4.38	0.04	1.61	0.7	<0.02	<10	10	<0.05	0.70	0.13	<0.01	0.19	57.8	1010	1.10
98238		4.45	0.08	1.56	2.0	<0.02	<10	<10	<0.05	0.75	2.08	0.01	0.73	69.2	1045	0.25
98239		4.70	0.10	1.78	0.7	<0.02	<10	10	0.06	1.10	1.96	0.02	0.77	67.7	1085	1.09
98240		5.36	0.35	3.02	0.5	<0.02	<10	130	0.31	4.31	0.25	0.02	0.27	64.6	1535	20.7



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Page: 2 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365721**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
98201		71.3	4.22	10.10	0.09	0.18	<0.01	0.034	1.07	21.8	27.5	1.68	499	2.05	0.04	0.17
98202		2.8	0.11	0.10	<0.05	<0.02	<0.01	0.007	0.01	1.3	0.2	1.26	105	0.10	<0.01	<0.05
98203		70.2	3.29	9.10	0.07	0.20	<0.01	0.027	0.11	7.4	18.1	1.50	293	2.32	0.05	0.10
98204		47.7	1.69	4.01	<0.05	0.11	<0.01	0.018	0.04	6.3	8.5	0.62	170	2.52	0.03	0.11
98205		68.0	1.00	2.16	<0.05	0.05	<0.01	0.017	0.02	10.2	3.8	0.32	105	3.22	0.03	0.10
98206		16.6	3.57	11.00	0.07	0.17	<0.01	0.024	0.09	7.2	24.7	1.91	351	1.83	0.05	0.12
98207		52.1	4.08	13.75	0.11	0.13	<0.01	0.038	1.72	17.1	32.6	1.86	411	1.49	0.07	0.17
98208		52.7	2.46	6.84	0.28	0.13	<0.01	0.024	0.53	86.7	13.7	1.43	272	1.12	0.07	0.17
98209		57.3	4.37	13.05	0.11	0.14	<0.01	0.056	1.84	16.9	34.2	2.01	346	2.03	0.08	0.19
98210		65.9	3.94	11.00	0.12	0.17	<0.01	0.032	1.20	27.0	31.7	1.80	372	1.98	0.07	0.30
98211		52.9	4.30	13.30	0.12	0.15	<0.01	0.034	1.41	19.0	38.1	1.95	443	2.97	0.07	0.24
98212		56.4	4.64	14.80	0.13	0.17	<0.01	0.035	1.42	21.1	40.0	2.10	473	7.76	0.07	0.29
98213		47.7	4.27	13.75	0.10	0.13	<0.01	0.040	1.60	18.0	35.2	1.92	414	1.46	0.06	0.16
98214		15.4	1.86	3.84	0.18	0.16	<0.01	0.017	0.19	26.6	9.5	1.43	305	0.74	0.11	<0.05
98215		13.4	2.08	4.89	0.18	0.13	<0.01	0.017	0.26	28.3	13.7	1.57	300	1.36	0.08	0.05
98216		59.5	3.69	10.95	0.11	0.17	<0.01	0.035	1.50	18.9	34.2	1.77	306	1.21	0.07	0.19
98217		51.1	3.87	10.25	0.07	0.15	<0.01	0.032	1.19	13.6	32.4	1.67	378	2.42	0.06	0.19
98218		50.0	4.43	13.85	0.14	0.18	<0.01	0.035	2.28	22.2	42.4	2.63	554	1.41	0.08	0.25
98219		57.4	3.88	10.65	0.11	0.26	<0.01	0.035	1.76	22.4	33.7	1.70	481	4.54	0.08	0.28
98220		81.2	4.18	10.45	0.18	0.72	<0.01	0.033	1.21	35.0	37.8	1.95	530	7.50	0.07	0.41
98221		234	5.05	6.20	0.12	0.45	<0.01	0.250	0.28	25.3	19.3	0.95	215	5.17	0.05	0.34
98222		4.5	0.09	0.08	<0.05	<0.02	<0.01	<0.005	0.01	1.4	0.4	1.01	97	0.30	<0.01	<0.05
98223		106.5	4.19	8.57	0.17	0.47	<0.01	0.044	0.44	52.6	31.0	1.92	358	5.39	0.05	0.21
98224		184.5	3.78	4.03	0.15	0.48	<0.01	0.180	0.18	47.5	13.0	0.67	259	30.4	0.05	0.50
98225		670	7.36	2.80	0.12	0.39	<0.01	1.270	0.03	29.2	5.5	0.37	145	46.6	0.07	1.15
98226		804	8.27	2.54	0.17	0.35	<0.01	1.540	0.02	49.4	5.2	0.35	147	30.7	0.07	0.64
98227		216	3.80	2.00	0.13	0.29	<0.01	0.082	0.02	49.5	6.9	0.44	127	21.5	0.07	0.50
98228		362	4.76	3.34	0.10	0.63	<0.01	1.125	0.22	25.6	14.4	0.64	241	71.6	0.08	0.53
98229		297	3.30	1.54	0.09	0.36	<0.01	0.107	0.02	25.1	3.3	0.13	120	10.45	0.09	1.26
98230		418	8.59	1.74	0.13	0.46	0.01	1.560	0.05	32.0	5.2	0.18	190	52.7	0.08	1.19
98231		135.0	3.97	4.27	0.12	0.44	<0.01	0.094	0.40	22.7	22.3	0.83	380	38.1	0.06	0.35
98232		299	4.20	4.24	0.12	0.39	<0.01	0.038	0.40	22.4	17.9	0.72	388	1.81	0.06	0.40
98233		1220	10.20	3.62	0.21	0.16	0.01	1.820	0.36	11.1	16.5	0.55	745	19.40	0.06	0.30
98234		220	4.76	2.92	0.23	0.06	<0.01	0.049	0.08	1.8	9.0	0.68	1340	10.85	0.11	0.06
98235		88.7	2.89	2.77	0.12	0.05	<0.01	0.028	0.31	0.7	13.8	0.76	482	4.22	0.10	<0.05
98236		39.5	2.49	3.56	0.13	0.06	<0.01	0.013	0.47	0.6	16.1	1.73	493	0.18	0.19	<0.05
98237		46.6	2.37	4.19	0.10	<0.02	<0.01	0.010	0.09	<0.2	3.1	3.22	115	0.13	0.01	<0.05
98238		69.1	2.83	4.08	0.09	<0.02	<0.01	0.010	0.01	0.4	1.0	3.83	324	0.20	0.01	<0.05
98239		55.2	3.24	4.52	0.11	<0.02	0.01	0.012	0.09	0.4	3.1	4.14	390	0.13	0.01	<0.05
98240		61.4	4.30	9.13	0.16	<0.02	<0.01	0.016	1.67	<0.2	28.0	5.13	253	0.17	0.02	<0.05



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Page: 2 - C  
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**CERTIFICATE OF ANALYSIS SD22365721**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
98201		90.5	610	4.3	46.0	0.001	0.31	<0.05	9.6	0.2	0.6	6.9	<0.01	0.04	8.3	0.204
98202		0.8	70	0.5	0.5	<0.001	0.02	<0.05	0.3	0.8	<0.2	82.1	<0.01	0.01	<0.2	<0.005
98203		60.1	240	2.3	5.3	<0.001	0.26	<0.05	8.0	<0.2	0.4	6.8	<0.01	0.02	6.9	0.120
98204		23.6	200	3.6	2.0	<0.001	0.17	<0.05	3.4	<0.2	0.2	7.2	<0.01	0.01	2.8	0.073
98205		11.0	340	1.1	0.9	<0.001	0.08	<0.05	2.1	<0.2	0.2	8.6	<0.01	0.01	0.9	0.037
98206		60.1	420	2.5	4.4	<0.001	0.21	<0.05	8.1	0.2	0.4	5.9	<0.01	0.03	6.8	0.163
98207		86.1	500	2.3	75.8	0.001	0.21	<0.05	13.4	0.3	0.8	5.0	<0.01	0.03	5.4	0.262
98208		69.7	4090	5.0	22.9	0.001	0.28	<0.05	8.1	<0.2	0.4	35.1	<0.01	0.03	11.3	0.124
98209		91.0	450	2.2	74.2	0.001	0.27	<0.05	15.7	0.2	0.9	6.0	<0.01	0.04	6.3	0.257
98210		81.9	1590	6.9	49.9	0.001	0.38	<0.05	11.8	0.3	0.8	17.9	<0.01	0.04	8.7	0.239
98211		94.6	390	10.9	60.0	0.004	0.29	<0.05	13.6	<0.2	0.9	9.2	<0.01	0.03	7.3	0.294
98212		103.0	370	7.7	60.6	0.011	0.34	<0.05	15.1	0.2	1.0	9.5	<0.01	0.02	7.8	0.325
98213		100.0	520	4.4	71.0	0.001	0.22	<0.05	13.5	0.2	0.9	10.8	<0.01	0.03	6.6	0.271
98214		46.1	1950	1.9	7.9	<0.001	0.05	<0.05	7.1	<0.2	0.3	33.8	<0.01	0.01	3.7	0.112
98215		49.2	1930	2.1	11.4	0.001	0.04	<0.05	5.9	<0.2	0.3	25.9	<0.01	0.01	4.3	0.122
98216		80.9	550	2.9	57.0	0.001	0.27	<0.05	11.9	0.2	0.8	11.9	<0.01	0.03	6.1	0.223
98217		90.5	520	3.0	54.2	0.001	0.31	<0.05	9.7	0.2	0.6	6.4	<0.01	0.04	5.8	0.246
98218		93.6	1380	6.2	95.9	0.001	0.32	<0.05	15.4	0.4	0.7	23.7	<0.01	0.02	5.2	0.340
98219		86.5	570	3.7	78.6	0.003	0.40	<0.05	12.6	<0.2	0.7	13.2	<0.01	0.03	6.5	0.292
98220		83.2	1330	22.3	77.6	0.015	1.56	<0.05	12.5	0.6	1.1	40.6	<0.01	0.05	7.7	0.208
98221		167.0	610	22.7	18.6	0.007	3.10	<0.05	9.4	2.7	1.6	12.2	<0.01	0.13	6.9	0.156
98222		1.4	60	0.4	0.3	0.001	0.01	0.07	0.3	1.2	<0.2	84.9	<0.01	<0.01	<0.2	<0.005
98223		152.5	1580	104.5	29.4	0.002	2.08	<0.05	9.5	1.5	1.0	20.7	<0.01	0.19	7.7	0.169
98224		162.5	1320	29.6	11.6	0.039	2.21	<0.05	3.1	2.7	1.9	20.3	<0.01	0.08	8.1	0.141
98225		280	840	14.0	1.6	0.098	4.27	<0.05	2.2	5.3	1.5	15.2	<0.01	0.12	8.0	0.107
98226		377	450	24.2	0.7	0.020	4.64	<0.05	3.2	6.5	1.4	14.4	<0.01	0.24	8.6	0.096
98227		79.2	1740	16.1	1.1	0.015	2.07	<0.05	1.8	1.9	1.6	35.1	<0.01	0.07	7.5	0.129
98228		291	690	19.8	13.4	0.033	2.83	<0.05	4.4	2.5	2.1	11.4	<0.01	0.09	7.4	0.149
98229		121.0	570	17.9	1.2	0.022	2.00	<0.05	1.4	1.1	1.1	9.6	<0.01	0.05	6.5	0.135
98230		352	450	12.0	2.9	0.050	4.75	<0.05	2.0	5.3	1.2	7.8	<0.01	0.17	8.4	0.117
98231		103.0	620	11.2	31.4	0.020	2.86	0.05	8.6	1.5	1.3	5.2	<0.01	0.06	6.9	0.123
98232		215	600	15.2	26.1	0.001	2.89	0.06	4.3	1.3	1.8	3.6	<0.01	0.05	6.6	0.141
98233		1220	300	17.6	23.3	0.034	4.94	<0.05	3.0	6.9	2.6	16.8	<0.01	0.24	1.8	0.112
98234		2150	200	7.1	3.3	0.003	2.12	<0.05	5.7	1.9	0.7	30.8	<0.01	0.39	0.2	0.066
98235		1475	120	1.8	14.0	0.002	1.04	<0.05	4.7	0.9	0.4	5.9	<0.01	0.17	<0.2	0.093
98236		989	180	1.7	20.5	0.001	0.40	<0.05	7.7	0.3	0.7	8.9	<0.01	0.11	<0.2	0.096
98237		1005	70	0.7	4.2	0.001	0.64	<0.05	2.1	0.3	<0.2	1.6	<0.01	0.11	<0.2	0.024
98238		1200	40	1.2	0.7	0.001	0.85	<0.05	2.6	0.4	<0.2	53.7	<0.01	0.12	<0.2	0.018
98239		1070	120	0.9	4.0	0.001	0.88	<0.05	2.5	0.5	<0.2	60.0	<0.01	0.14	<0.2	0.023
98240		581	110	4.6	79.3	<0.001	0.83	<0.05	3.0	0.5	0.3	5.6	<0.01	0.26	<0.2	0.101



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365721**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	CRU-QC	PUL-QC
		TI	U	V	W	Y	Zn	Zr	Pass2mm	Pass75um
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.02	0.05	1	0.05	0.05	2	0.5	0.01	0.01
98201		0.25	1.99	80	0.11	9.32	91	8.0	75.4	90.4
98202		<0.02	0.10	1	<0.05	2.56	2	<0.5		
98203		0.04	1.66	67	0.14	5.89	29	8.4		89.6
98204		0.02	0.83	31	0.09	3.43	26	4.2		
98205		<0.02	0.21	16	0.11	2.30	16	1.8		
98206		0.03	1.58	72	0.22	6.90	53	7.0		
98207		0.39	1.29	102	0.20	6.07	81	5.6		
98208		0.13	2.19	61	0.18	14.20	65	7.4		
98209		0.37	1.59	119	0.20	6.02	137	5.8		
98210		0.27	2.42	92	0.22	11.30	90	7.0		
98211		0.33	1.68	105	0.17	8.83	92	6.4		
98212		0.33	1.80	115	0.23	10.10	84	7.7		
98213		0.39	1.53	99	0.15	7.99	84	5.5		
98214		0.06	0.87	52	0.16	6.69	39	6.9		
98215		0.08	0.94	53	0.15	6.67	38	5.5		
98216		0.32	1.51	97	0.11	6.76	98	7.4		
98217		0.30	1.40	84	0.19	7.41	88	6.4		
98218		0.58	1.45	120	0.18	9.64	111	8.3		
98219		0.46	1.56	96	0.11	9.66	83	11.3		
98220		1.02	2.26	88	0.17	11.85	139	30.5		
98221		0.31	1.31	79	0.42	8.43	1295	17.3		
98222		<0.02	0.08	<1	<0.05	2.24	5	<0.5		
98223		0.67	1.34	85	0.29	9.52	179	19.9		
98224		0.33	1.46	42	0.31	9.28	642	20.1		
98225		0.07	5.70	39	0.21	8.02	5610	15.9		
98226		0.06	1.27	33	0.83	8.53	6130	13.4		
98227		0.02	1.12	22	0.16	7.64	271	17.9		
98228		0.47	1.73	53	0.24	7.18	3510	23.8		
98229		0.05	1.99	29	0.16	6.01	427	13.0		
98230		0.12	3.39	34	0.28	8.21	6900	18.6		
98231		1.35	1.44	71	0.28	6.31	390	17.1		
98232		1.31	1.22	58	0.21	5.34	144	14.6		
98233		0.84	0.93	45	0.09	5.38	5160	5.5		
98234		0.15	0.19	36	0.30	4.41	120	1.7		
98235		0.29	0.16	37	<0.05	2.67	68	1.2		
98236		0.25	<0.05	52	0.06	3.22	27	1.2		
98237		0.07	<0.05	43	0.17	0.35	18	<0.5		
98238		0.03	<0.05	45	0.16	1.16	17	<0.5		
98239		0.06	<0.05	52	0.22	1.11	21	<0.5		
98240		0.82	<0.05	78	0.12	0.59	51	<0.5	76.4	86.6



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 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 3 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365721**

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	ME-MS41 Ag ppm	ME-MS41 Al %	ME-MS41 As ppm	ME-MS41 Au ppm	ME-MS41 B ppm	ME-MS41 Ba ppm	ME-MS41 Be ppm	ME-MS41 Bi ppm	ME-MS41 Ca %	ME-MS41 Cd ppm	ME-MS41 Ce ppm	ME-MS41 Co ppm	ME-MS41 Cr ppm	ME-MS41 Cs ppm
		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
98241		2.59	0.07	1.73	0.6	<0.02	<10	10	0.10	2.63	0.20	0.02	0.16	59.0	1005	1.88
98242		1.86	0.09	1.56	0.3	<0.02	<10	10	0.08	5.44	0.20	0.02	0.25	59.1	905	1.00
98243		4.93	0.03	1.59	1.0	<0.02	<10	<10	0.06	1.00	1.33	0.02	0.90	65.4	1030	0.17
98244		4.75	0.05	2.04	0.4	<0.02	<10	90	0.17	0.42	0.59	0.05	37.2	43.7	877	2.69
98245		<0.02	0.05	2.27	0.7	<0.02	<10	100	0.16	0.45	0.70	0.05	34.8	52.9	998	2.95
98246		4.48	0.05	2.81	1.3	<0.02	<10	60	0.07	0.38	0.72	0.04	1.88	65.0	1565	3.74
98247		4.65	0.02	2.18	1.4	<0.02	10	<10	<0.05	0.43	2.23	0.02	1.08	69.2	1390	0.30
98248		4.91	0.06	1.81	1.2	<0.02	10	<10	<0.05	0.55	3.33	0.03	1.36	60.9	1170	0.30
98249		4.89	0.03	2.02	1.5	<0.02	10	<10	0.05	0.59	1.82	0.03	1.20	51.6	1320	0.38
98250		4.84	0.06	1.69	1.4	<0.02	10	<10	<0.05	0.64	1.98	0.01	1.06	54.6	1115	0.32

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To: MINROC MANAGEMENT LTD.  
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Page: 3 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365721**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
98241		61.9	2.51	5.72	0.12	<0.02	<0.01	0.010	0.14	<0.2	10.7	3.62	160	0.16	0.01	<0.05
98242		63.9	2.34	5.33	0.12	<0.02	<0.01	0.011	0.07	<0.2	7.9	3.21	151	0.16	0.01	<0.05
98243		66.9	2.89	4.46	0.10	<0.02	<0.01	0.013	<0.01	0.5	0.8	3.96	249	0.13	0.01	<0.05
98244		28.5	2.98	8.25	0.13	0.07	<0.01	0.014	0.22	18.3	30.6	3.63	272	0.12	0.04	<0.05
98245		35.2	3.33	8.87	0.14	0.06	<0.01	0.015	0.24	16.5	31.3	4.15	299	0.16	0.04	<0.05
98246		70.1	3.83	8.88	0.10	<0.02	<0.01	0.016	0.33	1.0	14.7	5.51	296	0.06	0.01	<0.05
98247		76.8	3.71	5.20	0.10	<0.02	<0.01	0.015	<0.01	0.5	1.3	5.46	479	0.09	0.01	<0.05
98248		42.2	3.13	4.12	0.10	<0.02	<0.01	0.012	<0.01	0.5	1.0	5.45	531	0.06	0.01	<0.05
98249		21.1	3.27	4.74	0.10	<0.02	<0.01	0.016	<0.01	0.5	1.0	5.80	427	<0.05	0.01	<0.05
98250		34.0	2.67	4.29	0.08	<0.02	<0.01	0.012	0.01	0.4	0.9	5.00	400	0.14	0.01	<0.05

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Page: 3 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS	SD22365721
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Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
98241		1095	20	0.9	6.7	0.001	0.62	<0.05	1.8	0.6	<0.2	2.8	<0.01	0.20	<0.2	0.033
98242		1085	60	1.4	3.3	0.001	0.62	<0.05	1.6	0.6	<0.2	3.3	<0.01	0.35	<0.2	0.029
98243		1045	40	0.7	0.3	<0.001	0.85	<0.05	2.9	0.3	<0.2	53.9	<0.01	0.10	<0.2	0.021
98244		661	370	3.3	10.4	<0.001	0.37	<0.05	2.6	0.2	0.4	27.8	<0.01	0.05	2.3	0.085
98245		793	330	2.9	11.4	0.001	0.46	<0.05	2.8	0.3	0.4	30.5	<0.01	0.06	2.2	0.084
98246		779	110	0.7	15.5	0.001	0.52	<0.05	3.8	0.4	0.2	21.8	<0.01	0.09	<0.2	0.053
98247		1010	100	1.1	0.5	0.001	0.59	<0.05	4.4	0.5	0.2	106.0	<0.01	0.08	<0.2	0.026
98248		966	90	1.8	0.5	<0.001	0.26	<0.05	4.9	0.3	<0.2	164.0	<0.01	0.10	<0.2	0.025
98249		658	140	0.9	0.5	<0.001	0.09	<0.05	8.1	0.2	<0.2	95.5	<0.01	0.06	<0.2	0.030
98250		947	30	1.0	0.5	<0.001	0.17	<0.05	3.9	<0.2	<0.2	102.0	<0.01	0.08	<0.2	0.024

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Page: 3 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365721
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Sample Description	Method Analyte Units LOD	ME-MS41 TI ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
98241		0.09	<0.05	44	0.15	0.31	28	<0.5		90.6
98242		0.06	<0.05	39	0.11	0.35	25	<0.5		92.4
98243		<0.02	<0.05	52	0.14	1.29	19	<0.5		
98244		0.12	0.56	56	0.20	2.26	96	2.5		
98245		0.13	0.45	61	0.20	2.14	91	2.3		
98246		0.17	<0.05	87	0.11	1.17	69	<0.5		
98247		0.02	<0.05	73	0.28	2.19	30	<0.5		
98248		<0.02	<0.05	63	0.31	3.19	25	<0.5		
98249		<0.02	<0.05	76	0.26	3.38	26	<0.5		
98250		<0.02	<0.05	58	0.24	2.04	24	<0.5		



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Page: Appendix 1  
 Total # Appendix Pages: 1  
 Finalized Date: 5-FEB-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365721**

	<b>CERTIFICATE COMMENTS</b>												
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).            ME-MS41</p>												
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21d</td> <td style="width: 15%;">LOG-22</td> </tr> <tr> <td>PUL-31</td> <td>PUL-31d</td> <td>PUL-QC</td> <td>SPL-21</td> </tr> <tr> <td>SPL-21d</td> <td>WEI-21</td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-21d	LOG-22	PUL-31	PUL-31d	PUL-QC	SPL-21	SPL-21d	WEI-21		
CRU-31	CRU-QC	LOG-21d	LOG-22										
PUL-31	PUL-31d	PUL-QC	SPL-21										
SPL-21d	WEI-21												
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.            ME-MS41</p>												



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To: **MINROC MANAGEMENT LTD.**  
**2857 SHERWOOD HEIGHTS DRIVE, UNIT 2**  
**OAKVILLE ON L6J 7J9**

Page: 1  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 31-JAN-2023  
 Account: MINMAN

**SD22365722**

Project: LAL-VIC 2022 DDH  
 P.O. No.: BATCH 37  
 This report is for 50 samples of 1/2 Core submitted to our lab in Sudbury, ON,  
 Canada on 19-DEC-2022.

The following have access to data associated with this certificate:

SAHIL ALURKAR  
 FRANCIS NEWTON

FRANCIS NEWTON  
 BRIAN NEWTON

BRIAN NEWTON  
 ACCESS WEBTRIEVE

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS41	Ultra Trace Aqua Regia ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**

Saa Traxler, Director, North Vancouver Operations



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Page: 2 - A  
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**CERTIFICATE OF ANALYSIS SD22365722**

Sample Description	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Recvd Wt. kg	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm
	0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
98251	4.41	0.06	1.70	1.5	<0.02	10	<10	<0.05	0.60	1.62	0.02	1.03	57.3	1145	0.34
98252	0.49	<0.01	0.03	0.1	<0.02	<10	10	<0.05	0.01	>25.0	0.01	0.87	1.5	10	<0.05
98253	4.71	0.01	2.70	0.9	<0.02	10	<10	<0.05	0.31	1.69	0.02	1.19	77.1	1675	0.33
98254	4.74	0.05	1.54	1.3	<0.02	10	<10	<0.05	0.76	1.53	0.02	0.83	55.5	1045	0.34
98255	4.48	0.07	1.35	2.2	<0.02	10	<10	0.07	0.65	2.54	0.02	1.02	58.0	951	0.52
98256	4.87	0.05	1.72	2.1	<0.02	10	<10	0.06	0.62	2.35	0.03	1.03	64.7	1110	0.47
98257	4.54	0.07	1.31	10.4	<0.02	10	<10	<0.05	0.91	2.51	0.03	1.07	59.9	945	0.33
98258	4.78	0.05	1.62	1.6	<0.02	10	<10	<0.05	0.83	1.75	0.02	0.90	62.0	1095	0.36
98259	4.62	0.01	1.62	4.5	<0.02	10	<10	0.05	0.43	4.37	0.04	2.15	63.5	1060	0.35
98260	4.33	0.04	1.36	2.7	<0.02	10	<10	0.05	0.94	1.81	0.02	1.11	55.9	979	0.37
98261	4.52	0.05	1.71	2.5	<0.02	10	<10	0.05	0.65	2.04	0.02	1.33	56.4	1060	0.45
98262	<0.02	0.04	1.61	3.2	<0.02	10	<10	0.05	0.71	2.05	0.03	1.31	54.0	1010	0.42
98263	5.06	0.04	1.81	2.1	<0.02	10	<10	0.06	0.51	1.95	0.03	1.64	67.5	1280	0.44
98264	2.19	0.03	1.66	1.7	<0.02	<10	<10	0.06	0.37	1.39	0.02	1.90	59.8	1105	0.35
98265	2.23	0.03	1.77	1.0	<0.02	<10	<10	0.06	0.49	1.25	0.02	1.99	62.6	1180	0.36
98266	5.87	0.04	1.63	1.4	<0.02	10	<10	0.05	0.55	1.16	0.02	1.27	60.2	1065	0.47
98267	4.86	0.05	1.61	2.0	<0.02	10	<10	0.05	0.84	1.04	0.01	1.07	64.0	1080	0.53
98268	5.02	0.03	1.46	3.3	<0.02	10	<10	0.06	0.69	1.77	0.02	1.44	50.5	922	0.51
98269	4.75	0.04	1.38	1.8	<0.02	10	<10	0.05	0.37	1.31	0.02	1.68	47.9	841	0.49
98270	5.07	0.07	1.86	1.9	<0.02	<10	<10	0.06	0.47	2.04	0.03	1.97	63.8	1150	0.65
98271	4.41	0.05	1.57	1.3	<0.02	10	<10	0.06	0.34	3.84	0.03	3.65	48.9	832	0.47
98272	0.69	<0.01	0.04	<0.1	<0.02	<10	10	<0.05	0.01	>25.0	0.01	0.93	1.5	11	<0.05
98273	4.96	0.09	4.16	0.8	<0.02	<10	90	0.13	0.39	1.44	0.03	15.80	69.7	988	9.10
98274	4.56	0.05	1.84	3.2	<0.02	<10	40	0.07	0.54	0.15	<0.01	0.59	56.7	1065	4.11
98275	5.56	0.08	1.56	30.8	<0.02	10	<10	0.05	1.05	1.00	0.01	1.01	57.3	1010	0.54
98276	4.68	0.05	1.58	31.0	<0.02	10	<10	0.05	0.75	1.66	0.02	1.33	53.3	1025	0.57
98277	4.50	0.07	1.47	34.4	<0.02	10	<10	<0.05	0.66	1.40	0.02	0.97	47.2	979	0.49
98278	3.04	0.04	1.84	3.1	<0.02	<10	<10	<0.05	1.18	0.43	0.01	0.52	61.6	1190	0.66
98279	3.31	0.05	2.58	1.0	<0.02	<10	120	0.10	0.59	0.84	0.01	0.99	74.7	1465	8.92
98280	2.56	0.05	1.29	1.5	<0.02	<10	260	0.15	0.31	0.94	0.02	0.53	29.8	613	15.30
98281	2.82	0.07	1.38	2.8	<0.02	<10	240	0.15	1.29	4.23	0.03	1.41	62.7	872	11.65
98282	3.75	0.02	0.94	1.7	<0.02	<10	<10	<0.05	0.95	1.32	0.01	0.35	59.9	704	0.44
98283	2.96	0.02	1.15	2.1	<0.02	<10	160	<0.05	0.98	3.70	0.01	0.73	91.6	744	6.05
98284	2.34	0.01	0.48	1.4	<0.02	<10	<10	<0.05	0.74	4.08	0.01	0.33	42.5	430	0.37
98285	2.88	0.03	1.16	2.3	<0.02	<10	70	<0.05	0.42	9.01	0.01	1.19	58.9	721	3.32
98286	3.04	0.14	1.99	<0.1	<0.02	<10	330	0.22	0.25	0.73	0.13	52.6	16.1	120	2.46
98287	2.59	0.18	2.60	<0.1	<0.02	<10	230	0.24	0.29	0.61	0.39	49.1	19.7	162	2.96
98288	2.41	0.09	2.95	0.2	<0.02	<10	420	0.28	0.24	0.19	0.01	33.3	23.9	158	4.77
98289	2.85	0.11	2.45	0.2	<0.02	<10	360	0.22	0.20	0.35	0.17	33.8	21.8	175	4.07
98290	2.79	0.10	1.86	<0.1	<0.02	<10	240	0.19	0.17	0.75	0.03	30.8	18.5	184	1.94



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Page: 2 - B  
 Total # Pages: 3 (A - D)  
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**CERTIFICATE OF ANALYSIS SD22365722**

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
	Analyte Units LOD	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
98251		38.0	2.67	4.40	0.09	<0.02	<0.01	0.013	0.01	0.4	1.0	4.62	374	0.14	0.01	<0.05
98252		3.1	0.09	0.09	<0.05	<0.02	<0.01	<0.005	<0.01	1.1	<0.1	0.48	82	0.09	0.01	<0.05
98253		128.0	4.26	6.50	0.14	<0.02	<0.01	0.022	<0.01	0.5	1.2	6.23	451	0.06	0.01	<0.05
98254		24.8	2.51	3.84	0.09	<0.02	<0.01	0.012	0.01	0.3	0.9	4.54	348	<0.05	0.01	<0.05
98255		29.0	2.95	3.25	0.11	<0.02	<0.01	0.011	<0.01	0.4	1.1	4.27	517	0.05	0.01	<0.05
98256		51.9	3.13	4.17	0.09	<0.02	<0.01	0.014	0.01	0.4	1.1	5.10	475	0.05	0.01	<0.05
98257		31.8	2.47	3.43	0.08	<0.02	<0.01	0.008	0.01	0.4	0.8	4.42	428	0.07	0.01	<0.05
98258		41.5	2.54	3.95	0.10	<0.02	<0.01	0.010	0.01	0.4	0.9	4.80	330	0.06	0.01	<0.05
98259		88.3	3.26	3.69	0.09	<0.02	<0.01	0.012	0.01	0.9	1.0	5.67	694	0.05	0.01	<0.05
98260		27.0	2.42	3.35	0.08	<0.02	<0.01	0.010	0.01	0.4	0.9	4.41	340	0.08	0.01	<0.05
98261		30.5	2.62	4.15	0.09	<0.02	<0.01	0.015	0.01	0.5	1.0	5.14	392	<0.05	0.01	<0.05
98262		29.6	2.54	3.89	0.08	<0.02	<0.01	0.013	0.01	0.5	1.0	4.94	393	<0.05	0.01	<0.05
98263		75.5	3.33	4.13	0.10	<0.02	<0.01	0.015	<0.01	0.7	1.1	4.84	471	0.34	0.01	<0.05
98264		56.8	2.73	3.88	0.09	<0.02	<0.01	0.012	<0.01	0.8	1.1	4.33	330	0.29	0.01	<0.05
98265		59.6	2.86	4.17	0.11	<0.02	<0.01	0.013	<0.01	0.8	1.2	4.50	304	0.19	0.01	<0.05
98266		65.0	2.73	3.68	0.09	<0.02	<0.01	0.013	0.01	0.5	1.0	4.43	302	0.19	0.01	<0.05
98267		51.9	2.43	4.06	0.10	<0.02	<0.01	0.012	0.01	0.5	1.0	4.52	240	0.15	0.01	<0.05
98268		25.3	2.33	3.67	0.11	<0.02	<0.01	0.013	0.01	0.6	1.1	4.63	333	0.06	0.01	<0.05
98269		49.4	2.30	3.17	0.08	<0.02	0.01	0.010	0.01	0.8	1.0	4.03	277	0.18	0.01	<0.05
98270		72.9	2.99	4.25	0.10	<0.02	<0.01	0.015	0.01	0.9	1.2	5.22	387	0.08	0.01	<0.05
98271		53.8	2.66	3.69	0.11	<0.02	<0.01	0.010	0.01	1.6	1.3	4.49	670	0.07	0.01	<0.05
98272		4.1	0.12	0.11	<0.05	<0.02	<0.01	<0.005	0.01	1.1	0.2	1.77	105	<0.05	0.01	<0.05
98273		108.0	4.93	9.84	0.17	0.04	<0.01	0.025	0.57	6.5	23.6	8.37	369	0.07	0.02	<0.05
98274		49.3	2.60	5.40	0.10	<0.02	<0.01	0.012	0.24	0.3	7.7	4.09	153	0.08	0.01	<0.05
98275		33.7	2.31	4.06	0.09	<0.02	<0.01	0.012	0.01	0.5	1.2	4.34	240	0.07	0.01	<0.05
98276		29.2	2.47	3.85	0.10	<0.02	<0.01	0.011	0.01	0.6	1.2	4.76	333	0.05	0.01	<0.05
98277		20.3	2.39	3.51	0.07	<0.02	<0.01	0.011	0.01	0.4	1.1	4.35	286	0.06	0.01	<0.05
98278		46.6	2.58	4.93	0.09	<0.02	<0.01	0.011	0.01	0.3	1.3	4.41	198	0.09	0.01	<0.05
98279		104.5	3.73	6.57	0.12	<0.02	<0.01	0.012	0.65	0.5	19.2	5.20	295	0.09	0.02	<0.05
98280		16.7	1.69	3.95	0.08	0.02	<0.01	0.005	1.11	0.3	40.7	2.27	215	0.15	0.05	<0.05
98281		33.5	2.11	3.39	0.07	0.04	<0.01	0.005	0.94	0.8	38.7	2.33	729	0.78	0.09	<0.05
98282		46.2	1.66	2.92	0.08	<0.02	<0.01	0.007	0.01	0.2	1.3	3.04	227	0.11	0.01	<0.05
98283		57.1	2.26	2.97	0.07	<0.02	<0.01	0.007	0.43	0.4	17.4	2.83	674	0.11	0.02	<0.05
98284		18.3	1.29	1.59	<0.05	<0.02	<0.01	<0.005	0.01	<0.2	2.4	2.71	530	0.15	0.01	<0.05
98285		14.0	1.93	2.90	0.06	<0.02	<0.01	<0.005	0.26	0.7	15.1	2.44	1320	0.07	0.03	<0.05
98286		66.4	2.91	8.43	0.13	0.15	<0.01	0.022	1.02	26.8	18.3	1.36	299	3.39	0.10	0.17
98287		53.2	4.03	11.65	0.15	0.15	0.01	0.034	1.02	25.3	36.2	1.86	429	2.79	0.07	0.17
98288		49.9	4.13	12.40	0.13	0.18	<0.01	0.036	1.74	16.7	32.0	1.92	392	1.60	0.05	0.13
98289		55.8	3.83	11.20	0.14	0.16	<0.01	0.032	1.40	17.7	31.5	1.72	344	2.06	0.07	0.19
98290		43.6	3.30	10.05	0.12	0.17	<0.01	0.023	0.71	15.7	32.3	1.67	364	1.97	0.04	0.12



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Page: 2 - C  
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Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
98251		966	20	0.8	0.5	<0.001	0.24	<0.05	3.4	<0.2	<0.2	85.5	<0.01	0.06	<0.2	0.020
98252		7.6	50	0.2	0.2	<0.001	0.01	<0.05	0.4	0.6	<0.2	81.2	<0.01	<0.01	<0.2	<0.005
98253		807	140	0.9	0.4	<0.001	0.62	<0.05	6.9	0.3	0.2	80.9	<0.01	0.06	<0.2	0.023
98254		876	30	0.7	0.5	0.001	0.15	<0.05	4.3	0.2	<0.2	78.5	<0.01	0.08	<0.2	0.018
98255		955	30	0.8	0.6	<0.001	0.19	<0.05	6.3	0.2	<0.2	99.8	<0.01	0.06	<0.2	0.013
98256		1080	10	1.0	0.6	<0.001	0.33	<0.05	5.3	0.4	<0.2	118.0	<0.01	0.07	<0.2	0.016
98257		1010	40	1.3	0.5	<0.001	0.24	<0.05	3.4	0.4	<0.2	147.5	<0.01	0.09	<0.2	0.016
98258		1100	50	1.0	0.6	<0.001	0.27	<0.05	3.8	0.4	<0.2	103.0	<0.01	0.07	<0.2	0.017
98259		940	160	2.3	0.6	<0.001	0.45	<0.05	5.8	0.2	<0.2	258	<0.01	0.05	<0.2	0.016
98260		864	80	1.1	0.6	<0.001	0.17	<0.05	5.1	<0.2	<0.2	119.5	<0.01	0.07	<0.2	0.018
98261		885	50	1.2	0.7	<0.001	0.19	<0.05	4.8	0.2	<0.2	125.0	<0.01	0.03	<0.2	0.019
98262		848	50	1.2	0.7	<0.001	0.18	<0.05	4.5	0.2	<0.2	125.5	<0.01	0.07	<0.2	0.019
98263		922	140	2.3	0.6	<0.001	0.53	0.14	5.1	0.4	<0.2	103.0	<0.01	0.05	<0.2	0.014
98264		917	160	1.5	0.5	<0.001	0.47	0.08	3.0	0.2	<0.2	70.1	<0.01	0.05	<0.2	0.014
98265		965	210	1.2	0.5	<0.001	0.50	0.05	3.2	<0.2	<0.2	60.9	<0.01	0.06	<0.2	0.015
98266		988	50	1.2	0.7	0.001	0.38	<0.05	3.8	0.3	<0.2	69.6	<0.01	0.06	<0.2	0.015
98267		1030	90	1.1	0.9	<0.001	0.28	<0.05	4.6	<0.2	<0.2	68.8	<0.01	0.07	<0.2	0.015
98268		748	30	1.3	0.9	<0.001	0.16	0.05	5.0	0.3	<0.2	130.5	<0.01	0.04	<0.2	0.015
98269		777	80	1.1	0.8	<0.001	0.29	<0.05	3.5	0.3	<0.2	81.4	<0.01	0.04	<0.2	0.013
98270		994	70	1.6	1.1	<0.001	0.49	0.05	4.3	0.3	<0.2	137.5	<0.01	0.04	<0.2	0.016
98271		643	210	1.7	0.8	<0.001	0.31	<0.05	4.9	0.3	<0.2	156.5	<0.01	0.04	<0.2	0.015
98272		6.2	60	0.5	0.4	<0.001	0.01	<0.05	0.4	0.3	<0.2	78.2	<0.01	0.01	<0.2	<0.005
98273		486	1960	2.8	30.6	0.001	0.53	<0.05	22.8	0.4	<0.2	92.1	<0.01	0.03	1.1	0.055
98274		843	40	0.4	13.0	<0.001	0.43	<0.05	3.1	0.2	<0.2	3.8	<0.01	0.04	<0.2	0.028
98275		848	70	0.7	0.9	<0.001	0.21	0.06	4.8	<0.2	<0.2	62.7	<0.01	0.05	<0.2	0.016
98276		722	110	0.9	1.0	<0.001	0.17	0.07	5.5	<0.2	<0.2	106.5	<0.01	0.04	<0.2	0.017
98277		681	60	0.8	0.8	<0.001	0.14	0.08	4.2	<0.2	<0.2	79.6	<0.01	0.04	<0.2	0.017
98278		917	50	0.3	1.1	<0.001	0.32	<0.05	4.5	0.3	<0.2	21.3	<0.01	0.04	<0.2	0.020
98279		1040	130	1.0	34.0	<0.001	0.63	<0.05	4.4	0.3	<0.2	29.1	<0.01	0.05	<0.2	0.051
98280		513	320	3.1	57.0	<0.001	0.07	<0.05	1.8	<0.2	0.2	31.2	<0.01	0.03	<0.2	0.070
98281		1190	170	5.0	46.1	0.001	0.16	<0.05	3.8	0.3	<0.2	156.0	<0.01	0.08	<0.2	0.078
98282		1360	10	1.0	0.8	0.001	0.30	<0.05	1.9	0.3	<0.2	51.9	<0.01	0.08	<0.2	0.013
98283		1760	40	3.6	22.0	0.001	0.35	<0.05	3.0	0.4	<0.2	112.0	<0.01	0.08	<0.2	0.037
98284		1190	10	5.1	1.0	<0.001	0.24	<0.05	0.8	<0.2	<0.2	89.3	<0.01	0.05	<0.2	0.007
98285		1240	40	3.8	13.1	<0.001	0.12	<0.05	2.4	<0.2	<0.2	149.5	<0.01	0.06	<0.2	0.029
98286		57.3	890	9.5	43.8	0.002	0.25	<0.05	9.2	0.2	0.4	50.5	<0.01	0.02	5.2	0.167
98287		74.2	540	13.8	45.2	0.001	0.23	<0.05	12.4	0.2	0.6	21.1	<0.01	0.05	6.1	0.210
98288		94.4	570	3.0	79.6	0.001	0.17	<0.05	14.1	0.5	0.9	7.3	<0.01	0.05	6.0	0.243
98289		84.4	650	4.0	59.2	0.001	0.26	0.06	11.8	0.2	0.7	10.8	0.01	0.03	5.9	0.212
98290		79.4	610	3.4	28.7	<0.001	0.24	<0.05	9.5	<0.2	0.5	13.1	<0.01	0.03	6.2	0.143



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Page: 2 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 31-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365722**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	CRU-QC	PUL-QC
		Tl	U	V	W	Y	Zn	Zr	Pass2mm	Pass75um
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.02	0.05	1	0.05	0.05	2	0.5	0.01	0.01
98251		<0.02	<0.05	55	0.33	1.81	25	<0.5	77.4	87.3
98252		<0.02	0.11	1	<0.05	1.98	4	<0.5		
98253		<0.02	<0.05	97	0.41	2.71	34	<0.5		
98254		<0.02	<0.05	54	0.25	1.93	22	<0.5		86.7
98255		0.02	<0.05	50	0.13	3.07	17	<0.5		
98256		0.02	<0.05	59	0.25	2.62	24	<0.5		
98257		<0.02	<0.05	45	0.33	2.45	19	<0.5		
98258		0.02	<0.05	55	0.41	2.07	22	<0.5		
98259		0.02	<0.05	59	0.44	5.03	22	<0.5		
98260		0.02	<0.05	50	0.47	2.77	20	<0.5		
98261		<0.02	<0.05	59	0.40	2.80	23	<0.5		
98262		<0.02	<0.05	56	0.40	2.75	22	<0.5		
98263		0.02	<0.05	64	0.61	2.96	26	<0.5		
98264		<0.02	0.07	54	0.67	2.07	23	<0.5		
98265		<0.02	0.08	57	0.71	2.15	24	<0.5		
98266		0.02	0.05	55	0.60	1.74	23	<0.5		
98267		0.02	<0.05	57	0.63	2.01	21	<0.5		
98268		0.02	<0.05	52	0.59	2.53	20	<0.5		
98269		0.02	<0.05	48	0.69	1.94	20	<0.5		
98270		0.02	<0.05	62	0.82	2.67	24	<0.5		
98271		0.02	0.06	56	0.34	4.27	24	<0.5		
98272		<0.02	0.08	1	<0.05	2.42	4	<0.5		
98273		0.32	0.41	158	0.25	8.89	50	2.3		
98274		0.16	0.06	56	0.22	0.51	22	<0.5		
98275		0.02	<0.05	54	0.55	1.80	19	<0.5		
98276		0.02	<0.05	58	0.70	2.71	20	<0.5		
98277		0.02	<0.05	52	0.69	2.04	19	<0.5		
98278		0.02	<0.05	61	0.56	1.12	20	<0.5		
98279		0.35	<0.05	80	0.70	1.31	25	<0.5		
98280		0.60	0.12	29	0.08	0.93	20	0.7		
98281		0.47	0.05	36	0.11	2.87	18	0.9		
98282		0.03	<0.05	24	0.09	0.83	10	<0.5		
98283		0.23	<0.05	27	0.11	2.17	11	<0.5		
98284		0.02	<0.05	9	0.07	0.70	3	<0.5		
98285		0.15	<0.05	27	0.15	4.53	9	<0.5		
98286		0.25	1.44	68	0.10	6.05	89	5.6		
98287		0.26	1.60	99	0.17	7.66	222	5.8		
98288		0.42	1.57	97	0.12	7.12	35	7.2		
98289		0.37	1.61	90	0.13	6.36	153	5.8	84.0	
98290		0.18	1.67	76	0.08	6.80	55	7.1	77.9	90.0





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Page: 3 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 31-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365722
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Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	ME-MS41 Ag ppm	ME-MS41 Al %	ME-MS41 As ppm	ME-MS41 Au ppm	ME-MS41 B ppm	ME-MS41 Ba ppm	ME-MS41 Be ppm	ME-MS41 Bi ppm	ME-MS41 Ca %	ME-MS41 Cd ppm	ME-MS41 Ce ppm	ME-MS41 Co ppm	ME-MS41 Cr ppm	ME-MS41 Cs ppm
		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
98291		1.47	0.12	2.55	<0.1	<0.02	<10	500	0.20	0.15	0.60	0.12	37.0	21.3	228	5.11
98292		1.66	0.10	2.50	<0.1	<0.02	<10	510	0.20	0.19	0.54	0.46	37.9	21.4	224	5.27
98293		2.91	0.12	2.38	<0.1	<0.02	<10	560	0.18	0.19	0.23	0.04	38.5	21.8	200	3.75
98294		2.79	0.12	2.34	<0.1	<0.02	<10	570	0.27	0.25	0.25	0.06	43.0	20.8	152	3.06
98295		<0.02	0.12	2.33	<0.1	<0.02	<10	570	0.28	0.25	0.26	0.05	42.4	19.2	147	2.98
98296		3.13	0.11	2.41	<0.1	<0.02	<10	440	0.18	0.24	0.16	0.03	36.9	21.2	166	3.82
98297		4.20	0.11	2.39	<0.1	<0.02	<10	490	0.23	0.21	0.15	0.76	39.3	22.4	185	4.29
98298		2.84	0.11	2.24	<0.1	<0.02	<10	510	0.20	0.25	0.15	0.30	42.1	22.1	188	5.34
98299		4.20	0.69	1.16	0.1	<0.02	<10	30	0.24	0.86	0.64	11.00	104.0	61.4	137	2.82
98300		3.41	0.16	2.16	0.5	<0.02	<10	200	0.30	0.58	0.61	2.56	41.1	47.8	737	12.55

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Page: 3 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 31-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365722
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Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
98291		50.5	4.04	12.30	0.18	0.20	<0.01	0.033	1.69	19.0	41.2	2.16	556	1.74	0.05	0.21
98292		51.1	3.86	12.20	0.18	0.18	<0.01	0.034	1.68	19.6	39.4	2.11	542	1.78	0.04	0.18
98293		51.1	3.75	11.35	0.13	0.17	<0.01	0.037	1.65	20.2	39.9	1.82	460	1.72	0.08	0.18
98294		45.9	3.63	11.95	0.15	0.16	<0.01	0.039	1.38	21.3	46.8	1.69	458	2.51	0.06	0.19
98295		46.4	3.66	11.95	0.14	0.18	<0.01	0.037	1.35	20.8	45.6	1.65	455	2.59	0.08	0.23
98296		47.1	3.63	11.50	0.14	0.16	<0.01	0.035	1.67	18.4	44.1	1.59	432	2.60	0.07	0.18
98297		51.8	3.94	12.90	0.13	0.19	<0.01	0.042	1.75	20.2	59.8	1.79	446	1.68	0.08	0.25
98298		56.8	4.05	12.15	0.15	0.23	<0.01	0.039	1.91	21.3	57.7	1.79	456	2.53	0.06	0.31
98299		402	5.83	6.18	0.19	0.82	<0.01	0.591	0.75	47.7	32.2	1.21	243	196.0	0.09	0.40
98300		96.5	3.92	10.60	0.14	0.28	<0.01	0.171	1.63	19.0	73.4	3.31	356	105.0	0.04	0.13

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Page: 3 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 31-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

<b>CERTIFICATE OF ANALYSIS SD22365722</b>
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Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005	
98291	99.2	680	4.4	66.5	<0.001	0.32	<0.05	14.6	0.2	1.0	11.7	<0.01	0.04	5.4	0.283	
98292	98.6	660	3.7	66.7	<0.001	0.27	<0.05	14.2	0.3	0.9	11.1	<0.01	0.05	5.7	0.281	
98293	81.0	570	3.8	71.3	0.001	0.36	<0.05	13.6	0.4	0.9	10.9	<0.01	0.06	5.2	0.261	
98294	77.5	590	7.3	63.5	0.001	0.29	<0.05	13.4	0.5	1.0	15.1	<0.01	0.03	5.6	0.254	
98295	71.9	590	7.5	58.0	0.002	0.29	<0.05	12.4	0.5	1.0	16.9	<0.01	0.04	5.7	0.246	
98296	80.5	490	3.2	76.4	0.001	0.29	<0.05	12.8	0.2	0.9	5.8	<0.01	0.06	5.5	0.273	
98297	89.0	520	2.7	73.0	0.001	0.33	<0.05	15.2	0.3	1.0	6.8	<0.01	0.05	5.6	0.269	
98298	93.4	520	3.4	83.9	0.001	0.41	<0.05	17.0	0.2	1.0	5.8	<0.01	0.06	5.3	0.319	
98299	292	1450	12.8	40.0	0.325	2.94	<0.05	6.7	3.1	1.8	22.3	0.01	0.14	8.9	0.217	
98300	606	630	2.8	83.4	0.050	0.84	<0.05	2.6	1.0	1.3	13.6	<0.01	0.07	3.1	0.201	

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Page: 3 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 31-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365722
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Sample Description	Method Analyte Units LOD	ME-MS41 TI ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
98291		0.45	1.40	102	0.17	7.93	136	7.6		
98292		0.41	1.43	99	0.16	8.07	135	7.0		
98293		0.49	1.48	93	0.21	7.09	85	6.9		
98294		0.47	1.57	89	0.22	9.02	105	6.9		
98295		0.45	1.49	85	0.24	8.46	103	6.9		
98296		0.56	1.49	88	0.17	6.81	93	6.3		
98297		0.76	1.42	104	0.24	6.72	207	7.4		
98298		1.24	1.36	113	0.33	6.70	171	8.8		
98299		0.61	4.35	63	0.29	13.90	2080	31.7		
98300		1.16	1.04	67	0.19	4.56	885	11.5		

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Page: Appendix 1  
 Total # Appendix Pages: 1  
 Finalized Date: 31-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365722**

	<b>CERTIFICATE COMMENTS</b>												
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).            ME-MS41</p>												
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21d</td> <td style="width: 15%;">LOG-22</td> </tr> <tr> <td>PUL-31</td> <td>PUL-31d</td> <td>PUL-QC</td> <td>SPL-21</td> </tr> <tr> <td>SPL-21d</td> <td>WEI-21</td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-21d	LOG-22	PUL-31	PUL-31d	PUL-QC	SPL-21	SPL-21d	WEI-21		
CRU-31	CRU-QC	LOG-21d	LOG-22										
PUL-31	PUL-31d	PUL-QC	SPL-21										
SPL-21d	WEI-21												
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.            ME-MS41</p>												



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Page: 1  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 31-JAN-2023  
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**SD22365726**

Project: LAL-VIC 2022 DDH  
 P.O. No.: BATCH 38  
 This report is for 50 samples of 1/2 Core submitted to our lab in Sudbury, ON,  
 Canada on 19-DEC-2022.

The following have access to data associated with this certificate:

SAHIL ALURKAR  
 FRANCIS NEWTON

FRANCIS NEWTON  
 BRIAN NEWTON

BRIAN NEWTON  
 ACCESS WEBTRIEVE

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS41	Ultra Trace Aqua Regia ICP-MS	
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Cu-OG46	Ore Grade Cu - Aqua Regia	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**



Saa Traxler, Director, North Vancouver Operations



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 31-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365726**

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Units		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
LOD		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
98301		1.75	0.51	0.68	0.4	<0.02	<10	50	0.19	1.36	0.68	5.61	8.94	120.0	729	2.87
98302		1.28	<0.01	0.02	<0.1	<0.02	<10	10	<0.05	0.01	>25.0	0.01	0.98	1.4	2	<0.05
98303		2.21	1.20	0.35	0.2	<0.02	<10	50	0.09	1.06	0.43	1.74	50.8	105.5	119	0.60
98304		3.13	0.37	0.60	0.2	<0.02	<10	100	0.19	0.93	0.53	3.99	19.25	79.1	412	2.00
98305		0.05	3.13	0.36	24.8	1.14	10	10	<0.05	0.53	0.41	0.93	3.25	1095	79	0.50
98306		1.51	0.12	0.91	0.6	<0.02	<10	220	0.23	0.89	0.68	0.02	0.99	57.7	630	3.51
98307		1.00	0.72	0.75	0.4	<0.02	<10	30	0.13	1.20	0.18	31.3	58.6	124.0	104	3.53
98308		3.20	0.13	0.63	0.5	<0.02	<10	170	0.15	0.59	0.55	0.10	28.5	25.3	300	3.49
98309		4.42	0.14	2.01	0.2	<0.02	<10	270	0.26	0.83	0.25	0.03	24.3	60.6	1075	24.4
98310		4.56	0.14	3.10	0.4	<0.02	<10	350	0.33	0.60	0.22	0.03	17.90	61.5	1230	30.2
98311		4.76	0.10	2.28	0.3	<0.02	<10	310	0.20	0.42	0.78	0.01	18.25	55.8	930	16.65
98312		<0.02	0.10	2.25	0.5	<0.02	<10	300	0.21	0.42	0.80	0.01	18.10	56.7	919	17.05
98313		4.37	0.15	2.71	0.8	<0.02	<10	<10	<0.05	0.31	0.29	0.01	29.3	64.0	1270	0.73
98314		2.02	0.21	2.79	0.6	<0.02	<10	<10	<0.05	0.34	0.22	0.01	1.23	74.1	1665	0.85
98315		2.41	0.23	2.79	1.3	<0.02	<10	<10	<0.05	0.39	0.19	0.01	1.15	78.0	1650	0.91
98316		4.74	0.13	2.37	1.8	<0.02	<10	<10	<0.05	0.30	0.56	0.01	1.47	61.3	1470	0.65
98317		4.55	0.05	1.71	0.9	<0.02	<10	<10	<0.05	0.46	1.26	0.01	1.74	56.0	1080	0.48
98318		4.72	0.07	2.14	1.1	<0.02	<10	<10	<0.05	0.44	0.77	0.01	1.47	63.5	1405	0.53
98319		4.29	0.05	1.59	3.4	<0.02	<10	<10	<0.05	0.38	1.51	0.02	1.52	53.0	1055	0.58
98320		4.76	0.06	2.30	0.8	<0.02	<10	<10	<0.05	0.41	1.48	0.01	1.96	66.9	1455	0.70
98321		4.35	0.04	2.17	0.5	<0.02	<10	<10	<0.05	0.43	0.96	0.01	1.39	65.7	1365	0.68
98322		1.44	<0.01	0.05	0.2	<0.02	<10	10	<0.05	0.01	>25.0	0.01	0.96	2.1	15	<0.05
98323		4.80	0.03	1.75	1.3	<0.02	<10	<10	<0.05	0.58	1.53	0.01	1.40	59.4	1130	0.58
98324		5.31	0.04	2.05	1.3	<0.02	<10	<10	<0.05	0.34	1.45	0.01	1.10	60.5	1315	0.42
98325		4.32	0.01	1.46	15.8	<0.02	10	<10	<0.05	0.56	2.57	0.02	1.20	49.7	978	0.35
98326		4.33	0.02	1.90	0.8	<0.02	<10	<10	<0.05	0.42	1.61	0.01	1.00	61.5	1180	0.58
98327		4.26	0.06	1.30	10.1	<0.02	<10	<10	<0.05	0.30	4.91	0.03	2.13	46.4	867	0.34
98328		4.07	0.09	1.90	0.5	<0.02	<10	<10	<0.05	0.38	1.73	0.01	0.95	67.9	1260	0.50
98329		4.12	0.06	1.78	0.6	<0.02	<10	<10	<0.05	0.49	0.50	0.01	0.42	64.1	1150	0.52
98330		4.34	0.05	1.81	5.7	<0.02	<10	20	<0.05	0.45	0.42	0.01	0.63	64.8	1200	3.55
98331		3.88	0.03	2.24	0.4	<0.02	10	<10	<0.05	0.38	0.40	0.01	0.61	70.0	1315	0.97
98332		4.51	0.03	2.11	0.8	<0.02	20	10	<0.05	0.41	0.23	0.01	0.51	67.4	1260	1.81
98333		3.21	0.03	2.23	0.6	<0.02	20	10	0.05	0.54	0.49	0.01	0.76	69.9	1345	2.66
98334		3.88	0.04	1.63	1.5	<0.02	10	<10	<0.05	0.24	1.17	0.01	0.63	57.0	1080	0.60
98335		4.78	0.03	1.36	0.5	<0.02	10	<10	<0.05	0.17	0.49	<0.01	0.29	63.2	979	0.48
98336		4.49	0.02	1.15	1.3	<0.02	10	<10	<0.05	0.61	1.85	0.01	0.75	52.5	880	0.50
98337		4.30	0.02	1.60	0.6	<0.02	10	30	<0.05	0.18	2.91	0.01	1.00	51.3	1110	2.66
98338		3.99	0.02	1.74	0.2	<0.02	<10	80	<0.05	0.18	4.05	0.02	1.28	49.8	1170	5.18
98339		4.03	0.11	1.96	0.2	<0.02	<10	160	0.09	0.21	0.37	0.03	2.30	51.8	1000	15.15
98340		1.81	0.03	1.81	0.7	<0.02	10	<10	<0.05	0.28	0.54	0.01	1.08	63.1	1260	1.06



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - B  
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 Plus Appendix Pages  
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 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365726**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
98301		332	5.57	3.64	0.13	0.13	<0.01	0.337	0.44	4.2	21.2	0.92	303	6.40	0.07	0.13
98302		3.0	0.11	0.08	<0.05	<0.02	<0.01	<0.005	0.01	1.2	0.2	0.81	89	0.15	0.01	<0.05
98303		771	6.51	1.40	0.14	0.36	<0.01	0.127	0.08	25.4	11.9	0.29	106	14.85	0.08	0.52
98304		292	3.84	2.57	0.11	0.17	<0.01	0.233	0.26	9.1	18.9	0.92	191	89.1	0.07	0.08
98305		>10000	30.3	1.64	0.39	0.07	0.01	0.095	0.03	1.7	3.3	0.40	167	1.55	0.03	0.17
98306		96.1	2.17	3.39	0.13	0.03	<0.01	0.026	0.49	0.5	27.8	1.51	284	2.11	0.11	<0.05
98307		540	7.94	4.19	0.14	0.61	0.01	2.49	0.43	27.5	26.6	0.93	158	12.60	0.08	0.23
98308		58.1	1.68	2.49	0.11	0.09	<0.01	0.023	0.38	13.5	22.6	1.16	175	9.35	0.06	<0.05
98309		89.7	3.08	6.51	0.15	0.07	<0.01	0.010	1.85	11.9	96.3	3.70	134	1.26	0.09	<0.05
98310		65.6	4.05	10.50	0.15	0.05	<0.01	0.019	2.35	8.3	129.0	5.43	226	4.62	0.12	<0.05
98311		39.2	3.09	6.17	0.14	0.03	<0.01	0.008	1.22	8.8	68.4	3.88	238	0.19	0.09	<0.05
98312		39.8	3.08	6.32	0.14	0.04	<0.01	0.006	1.19	8.4	67.1	3.85	239	0.12	0.09	<0.05
98313		52.9	3.72	6.68	0.16	0.02	<0.01	0.013	0.01	14.8	6.2	4.88	204	0.09	0.01	<0.05
98314		85.3	4.52	6.46	0.11	0.02	<0.01	0.015	0.01	0.6	3.7	5.41	205	0.13	0.01	<0.05
98315		88.0	4.55	6.61	0.16	0.02	<0.01	0.015	0.01	0.5	3.5	5.42	197	0.15	0.01	<0.05
98316		66.8	3.71	5.75	0.12	<0.02	<0.01	0.012	0.01	0.7	1.8	5.00	211	0.09	0.01	<0.05
98317		32.4	2.37	4.32	0.09	<0.02	<0.01	0.011	0.01	0.8	1.1	4.38	243	0.11	0.01	<0.05
98318		49.4	3.07	5.26	0.12	<0.02	<0.01	0.014	0.01	0.7	1.3	4.98	194	0.17	0.01	<0.05
98319		34.4	2.38	3.91	0.11	<0.02	0.02	0.012	0.01	0.7	1.2	4.19	300	0.56	<0.01	<0.05
98320		60.5	3.62	5.49	0.15	<0.02	0.01	0.014	0.01	0.9	1.7	5.53	314	0.18	<0.01	<0.05
98321		39.8	2.88	5.32	0.14	<0.02	0.01	0.016	0.01	0.7	1.4	5.27	214	0.19	<0.01	<0.05
98322		2.4	0.15	0.13	<0.05	<0.02	0.01	<0.005	<0.01	1.2	0.4	0.58	97	0.23	<0.01	<0.05
98323		27.1	2.23	4.49	0.12	<0.02	0.01	0.012	0.01	0.7	1.1	4.82	236	0.18	<0.01	<0.05
98324		51.6	3.11	4.75	0.13	<0.02	0.01	0.014	0.01	0.5	1.2	5.30	247	0.16	<0.01	<0.05
98325		9.6	2.19	3.62	0.11	<0.02	0.01	0.009	<0.01	0.5	1.1	5.28	317	0.13	<0.01	<0.05
98326		23.1	2.52	4.62	0.13	<0.02	0.01	0.013	0.01	0.4	1.3	5.34	245	0.18	<0.01	<0.05
98327		35.8	3.02	3.14	0.11	<0.02	0.01	0.010	<0.01	0.9	1.4	5.33	753	0.12	<0.01	<0.05
98328		65.4	3.64	4.63	0.16	<0.02	<0.01	0.013	0.01	0.4	1.6	4.95	353	0.28	<0.01	<0.05
98329		57.2	2.61	4.85	0.15	<0.02	0.01	0.010	0.01	0.2	1.3	4.49	146	0.20	<0.01	<0.05
98330		65.8	2.73	5.27	0.14	<0.02	0.01	0.013	0.11	0.3	4.0	4.73	149	0.22	<0.01	<0.05
98331		51.7	3.75	5.76	0.18	<0.02	<0.01	0.017	0.01	0.3	2.4	6.75	267	0.18	<0.01	<0.05
98332		41.6	3.77	5.23	0.16	<0.02	<0.01	0.013	0.03	0.3	2.6	6.59	275	0.24	<0.01	<0.05
98333		49.0	3.92	5.71	0.16	<0.02	0.01	0.015	0.04	0.4	3.5	6.87	285	0.17	<0.01	<0.05
98334		19.3	3.27	4.15	0.11	<0.02	0.01	0.010	0.01	0.3	2.4	6.34	377	0.15	<0.01	<0.05
98335		5.4	4.05	3.46	0.13	<0.02	0.01	0.010	<0.01	<0.2	3.8	7.58	479	0.14	<0.01	<0.05
98336		17.2	2.68	2.87	0.09	<0.02	<0.01	0.009	<0.01	0.3	2.2	5.74	352	0.16	<0.01	<0.05
98337		50.9	3.32	4.04	0.11	<0.02	<0.01	0.012	0.09	0.4	6.6	5.22	452	0.13	<0.01	<0.05
98338		47.5	3.68	3.92	0.11	<0.02	<0.01	0.010	0.23	0.6	15.7	5.57	826	0.15	0.01	<0.05
98339		65.9	2.74	6.16	0.12	<0.02	<0.01	0.009	0.59	1.1	48.6	4.65	158	0.24	0.02	<0.05
98340		58.3	3.37	5.01	0.11	<0.02	<0.01	0.013	0.02	0.5	2.6	4.94	209	0.18	<0.01	<0.05

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Page: 2 - C  
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**CERTIFICATE OF ANALYSIS SD22365726**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
98301		1685	400	3.7	20.7	0.003	2.66	<0.05	3.8	3.1	1.4	17.3	<0.01	0.23	0.9	0.132
98302		3.7	60	0.5	0.3	<0.001	0.01	<0.05	0.4	0.3	<0.2	78.5	<0.01	0.03	<0.2	<0.005
98303		793	660	10.1	3.6	0.009	3.33	<0.05	2.9	3.2	2.1	21.8	<0.01	0.24	6.2	0.112
98304		1045	330	5.7	12.5	0.029	1.92	<0.05	2.8	1.9	1.2	12.8	<0.01	0.16	2.1	0.072
98305		>10000	60	35.1	1.5	0.041	>10.0	0.26	1.3	11.8	0.9	4.7	<0.01	0.98	0.5	0.037
98306		914	220	1.9	25.1	0.001	0.60	<0.05	3.5	1.0	1.0	8.6	<0.01	0.12	<0.2	0.070
98307		795	350	8.2	23.8	0.011	3.87	<0.05	3.9	5.3	0.6	14.7	<0.01	0.19	7.2	0.101
98308		429	410	3.1	17.2	0.004	0.49	<0.05	1.6	0.5	0.7	12.6	<0.01	0.07	1.8	0.079
98309		990	340	3.3	87.2	<0.001	0.80	<0.05	1.6	1.0	0.4	9.8	<0.01	0.09	1.6	0.115
98310		869	300	3.2	115.0	0.004	0.78	<0.05	4.1	0.8	0.4	11.2	<0.01	0.07	1.3	0.133
98311		858	810	2.4	58.9	0.001	0.57	<0.05	2.8	0.2	0.3	33.1	<0.01	0.07	1.2	0.083
98312		839	830	2.3	60.2	0.001	0.55	<0.05	3.0	0.3	0.3	34.2	<0.01	0.09	1.2	0.083
98313		736	880	1.1	0.9	<0.001	0.78	<0.05	3.3	0.3	<0.2	13.1	<0.01	0.06	2.0	0.028
98314		937	120	1.2	1.0	0.001	1.14	<0.05	3.8	0.6	<0.2	7.7	<0.01	0.09	<0.2	0.026
98315		973	120	1.3	1.0	<0.001	1.18	<0.05	4.1	0.7	<0.2	7.1	<0.01	0.08	<0.2	0.025
98316		761	100	0.9	0.7	0.001	0.70	<0.05	3.9	0.3	<0.2	24.7	<0.01	0.06	<0.2	0.025
98317		1035	30	1.1	0.6	<0.001	0.39	<0.05	2.5	0.2	<0.2	81.4	<0.01	0.07	<0.2	0.016
98318		945	90	0.9	0.6	0.001	0.43	<0.05	3.9	0.2	<0.2	46.5	<0.01	0.05	<0.2	0.023
98319		818	180	2.4	0.8	<0.001	0.28	0.15	2.9	0.3	<0.2	94.5	<0.01	0.05	<0.2	0.018
98320		915	130	1.5	0.9	<0.001	0.38	0.06	4.8	0.2	<0.2	90.5	<0.01	0.05	<0.2	0.024
98321		1005	30	1.1	0.9	<0.001	0.32	<0.05	4.3	0.2	<0.2	65.5	<0.01	0.05	<0.2	0.024
98322		4.7	60	0.4	0.2	<0.001	<0.01	<0.05	0.6	1.1	<0.2	83.8	<0.01	0.01	<0.2	<0.005
98323		1015	10	1.3	0.8	0.001	0.24	<0.05	3.9	<0.2	<0.2	109.5	<0.01	0.06	<0.2	0.019
98324		759	150	1.2	0.5	<0.001	0.25	<0.05	6.2	0.3	<0.2	96.9	<0.01	0.03	<0.2	0.023
98325		805	30	1.6	0.4	<0.001	0.09	0.05	5.1	0.2	<0.2	191.0	<0.01	0.04	<0.2	0.018
98326		939	90	1.2	0.8	<0.001	0.20	<0.05	5.8	0.2	<0.2	110.5	<0.01	0.04	<0.2	0.020
98327		681	160	2.4	0.5	<0.001	0.27	0.06	2.9	0.2	<0.2	329	<0.01	0.05	<0.2	0.017
98328		985	140	1.3	0.6	0.001	0.53	<0.05	3.9	0.4	<0.2	110.0	<0.01	0.05	<0.2	0.022
98329		1055	50	0.7	0.7	<0.001	0.43	<0.05	3.7	0.3	<0.2	36.7	<0.01	0.05	<0.2	0.020
98330		1005	140	0.6	6.2	<0.001	0.36	<0.05	4.6	0.3	<0.2	32.6	<0.01	0.04	<0.2	0.024
98331		926	100	0.7	1.2	0.001	0.24	<0.05	6.7	0.2	<0.2	40.6	<0.01	0.03	<0.2	0.028
98332		831	80	0.7	2.8	<0.001	0.18	<0.05	6.7	<0.2	<0.2	23.2	<0.01	0.02	<0.2	0.024
98333		936	120	0.8	3.6	<0.001	0.19	<0.05	6.9	0.2	<0.2	37.1	<0.01	0.02	<0.2	0.028
98334		852	70	0.6	0.7	<0.001	0.05	<0.05	5.5	0.2	<0.2	53.2	<0.01	0.02	<0.2	0.020
98335		945	30	0.3	0.4	<0.001	0.01	<0.05	5.0	<0.2	<0.2	25.4	<0.01	0.02	<0.2	0.021
98336		910	60	0.9	0.5	<0.001	0.05	<0.05	4.2	0.3	<0.2	89.0	<0.01	0.04	<0.2	0.015
98337		778	70	2.2	5.4	<0.001	0.09	<0.05	3.8	0.3	<0.2	90.0	<0.01	0.02	<0.2	0.027
98338		748	190	2.4	11.7	<0.001	0.09	<0.05	3.1	0.2	<0.2	137.0	<0.01	0.03	<0.2	0.033
98339		794	80	8.7	33.6	0.001	0.16	<0.05	2.8	0.2	<0.2	9.0	<0.01	0.03	<0.2	0.044
98340		932	80	0.6	1.4	<0.001	0.23	<0.05	3.8	0.2	<0.2	43.3	<0.01	0.03	<0.2	0.024



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Page: 2 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 31-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365726**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Cu-OG46	CRU-QC	PUL-QC
		TI	U	V	W	Y	Zn	Zr	Cu	Pass2mm	Pass75um
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
		0.02	0.05	1	0.05	0.05	2	0.5	0.001	0.01	0.01
98301		0.37	0.59	39	0.10	4.59	1335	4.1		74.4	94.2
98302		<0.02	0.09	1	<0.05	2.19	4	<0.5			
98303		0.06	1.03	15	0.15	6.61	457	12.5			94.7
98304		0.20	0.77	24	0.22	3.55	1090	6.3			
98305		0.07	0.11	17	3.47	1.31	64	2.5	1.385		
98306		0.37	0.07	31	<0.05	1.51	59	0.9			
98307		0.32	1.61	47	0.11	7.56	9200	22.9			
98308		0.25	0.31	21	0.06	2.11	108	3.8			
98309		1.07	0.27	47	<0.05	1.40	56	3.0			
98310		1.35	0.29	80	<0.05	1.90	103	2.1			
98311		0.74	0.19	54	0.07	1.47	40	1.1			
98312		0.75	0.22	53	0.06	1.56	39	1.2			
98313		0.02	0.10	76	0.22	1.82	33	0.7			
98314		0.02	0.05	89	0.69	0.83	31	0.5			
98315		0.02	0.05	89	0.75	0.84	31	<0.5			
98316		<0.02	0.05	86	0.78	1.12	28	<0.5			
98317		<0.02	<0.05	53	0.60	1.20	19	<0.5			
98318		<0.02	<0.05	79	0.81	1.40	24	<0.5			
98319		<0.02	<0.05	55	0.85	1.96	19	<0.5		75.7	
98320		<0.02	<0.05	90	0.91	2.00	26	<0.5			
98321		<0.02	<0.05	74	0.83	1.42	23	<0.5			
98322		<0.02	0.12	1	<0.05	2.38	2	<0.5			
98323		<0.02	<0.05	55	0.82	1.66	18	<0.5			
98324		<0.02	<0.05	83	0.76	2.57	22	<0.5			
98325		<0.02	<0.05	49	0.65	2.57	16	<0.5			
98326		<0.02	<0.05	66	0.87	2.35	19	<0.5			
98327		<0.02	<0.05	51	0.74	3.76	17	<0.5			
98328		<0.02	<0.05	76	0.71	1.86	23	<0.5			
98329		0.02	<0.05	56	0.24	0.84	19	<0.5			
98330		0.09	0.05	61	0.37	1.12	21	<0.5			
98331		0.02	<0.05	74	0.57	1.20	30	<0.5			
98332		0.05	<0.05	68	0.67	1.16	31	<0.5			
98333		0.09	<0.05	78	0.49	1.64	30	<0.5			
98334		<0.02	<0.05	47	0.62	1.42	25	<0.5			
98335		<0.02	<0.05	42	0.50	0.65	32	<0.5			
98336		<0.02	<0.05	38	0.45	1.78	20	<0.5			
98337		0.08	<0.05	74	0.75	2.47	18	<0.5			
98338		0.14	<0.05	74	0.25	2.76	23	<0.5			
98339		0.46	0.07	63	0.21	0.60	40	<0.5			91.1
98340		0.06	0.05	76	0.26	1.04	20	<0.5		74.3	91.3

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Page: 3 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 31-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365726**

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
98341		1.83	0.04	2.11	0.6	<0.02	10	<10	<0.05	0.27	1.03	0.01	0.88	70.5	1380	0.99
98342		2.14	0.04	1.90	0.7	<0.02	10	<10	<0.05	0.27	1.06	0.01	0.87	70.1	1335	0.94
98343		4.24	0.03	1.98	0.6	<0.02	10	10	<0.05	0.28	0.51	0.01	1.26	65.3	1375	1.40
98344		3.99	0.02	2.14	0.5	<0.02	10	<10	<0.05	0.25	1.46	0.01	1.08	70.0	1430	1.40
98345		<0.02	0.02	2.50	0.7	<0.02	10	10	<0.05	0.27	1.32	0.01	0.94	72.2	1635	1.53
98346		4.82	0.03	1.94	0.4	<0.02	10	10	<0.05	0.32	1.84	0.02	1.06	69.5	1290	2.01
98347		3.46	0.02	1.54	0.5	<0.02	<10	100	0.09	0.47	1.09	0.01	2.25	51.9	844	6.12
98348		2.86	0.02	4.12	1.1	<0.02	<10	700	0.85	0.17	0.47	0.01	20.2	49.5	1220	50.1
98349		3.50	0.10	3.21	<0.1	<0.02	<10	340	0.38	0.38	0.22	0.11	42.0	28.7	202	8.40
98350		2.57	0.10	3.37	<0.1	<0.02	<10	390	0.43	1.76	0.19	0.07	41.2	28.8	195	9.35

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Page: 3 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 31-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365726**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
98341		60.9	4.41	5.18	0.14	<0.02	<0.01	0.015	0.01	0.4	2.5	6.51	368	0.18	<0.01	<0.05
98342		61.2	4.25	4.68	0.15	<0.02	<0.01	0.013	0.01	0.4	2.3	5.97	359	0.20	<0.01	<0.05
98343		54.6	3.72	5.20	0.12	<0.02	<0.01	0.014	0.03	0.6	2.6	5.55	221	0.16	<0.01	<0.05
98344		57.1	4.28	5.28	0.14	<0.02	<0.01	0.016	0.02	0.5	2.9	6.88	412	0.20	<0.01	<0.05
98345		57.1	4.51	6.09	0.16	<0.02	0.01	0.018	0.02	0.4	3.0	7.69	415	0.17	<0.01	<0.05
98346		63.2	3.89	4.82	0.13	<0.02	<0.01	0.012	0.04	0.5	3.4	6.78	400	0.17	<0.01	<0.05
98347		40.5	1.93	4.53	0.10	<0.02	0.01	0.006	0.41	1.2	16.1	3.96	210	0.14	0.01	<0.05
98348		6.3	3.95	12.25	0.21	0.05	<0.01	0.016	3.33	9.5	156.0	6.63	273	0.47	0.16	<0.05
98349		57.1	4.85	15.30	0.20	0.11	<0.01	0.057	1.98	19.5	102.5	2.30	526	2.33	0.10	0.23
98350		58.3	4.91	15.55	0.21	0.11	<0.01	0.053	2.04	20.1	97.9	2.36	520	2.66	0.08	0.18

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Page: 3 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 31-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365726
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Sample Description	Method Analyte Units LOD	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2	ME-MS41 Ti % 0.005
98341		1020	80	1.1	1.1	<0.001	0.23	<0.05	4.7	0.2	<0.2	84.3	<0.01	0.03	<0.2	0.028
98342		1020	70	1.0	1.1	0.001	0.24	<0.05	4.3	0.2	<0.2	87.3	<0.01	0.02	<0.2	0.026
98343		976	110	0.6	2.0	0.001	0.20	<0.05	4.3	0.2	<0.2	40.0	<0.01	0.02	<0.2	0.031
98344		1025	80	1.5	1.8	<0.001	0.17	<0.05	4.9	0.2	<0.2	124.5	<0.01	0.03	<0.2	0.034
98345		1075	70	1.1	2.0	<0.001	0.17	<0.05	5.7	0.2	<0.2	108.5	<0.01	0.02	<0.2	0.040
98346		1120	40	1.6	2.8	0.001	0.19	<0.05	4.9	0.3	<0.2	156.5	<0.01	0.03	<0.2	0.025
98347		956	100	1.0	21.4	<0.001	0.24	<0.05	2.2	0.2	<0.2	78.1	<0.01	0.05	0.2	0.032
98348		609	40	6.8	175.5	<0.001	0.07	<0.05	8.8	<0.2	0.5	22.7	<0.01	0.02	1.6	0.141
98349		114.0	590	4.1	99.6	0.001	0.35	<0.05	19.6	0.3	1.3	9.0	<0.01	0.05	6.1	0.312
98350		115.0	540	5.7	104.0	0.002	0.34	<0.05	19.6	0.3	1.2	8.7	<0.01	0.11	5.8	0.305

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Page: 3 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 31-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS    SD22365726
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Sample Description	Method Analyte Units LOD	ME-MS41 TI ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	Cu-OG46 Cu % 0.001	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
98341		0.03	<0.05	85	0.35	1.37	28	<0.5			
98342		0.03	<0.05	85	0.34	1.36	26	<0.5			
98343		0.04	0.06	90	0.25	1.16	23	<0.5			
98344		0.04	<0.05	84	0.45	1.97	29	<0.5			
98345		0.04	<0.05	94	0.48	1.92	31	<0.5			
98346		0.05	<0.05	77	0.43	2.14	25	<0.5			
98347		0.27	0.05	41	0.08	0.93	16	<0.5			
98348		1.90	0.26	79	0.05	1.47	66	1.8			
98349		0.63	1.52	125	0.21	8.18	146	4.3			
98350		0.65	1.46	127	0.12	7.73	115	4.4			



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Page: Appendix 1  
 Total # Appendix Pages: 1  
 Finalized Date: 31-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365726**

	<b>CERTIFICATE COMMENTS</b>												
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).            ME-MS41</p>												
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21d</td> <td style="width: 15%;">LOG-22</td> </tr> <tr> <td>LOG-23</td> <td>PUL-31</td> <td>PUL-31d</td> <td>PUL-QC</td> </tr> <tr> <td>SPL-21</td> <td>SPL-21d</td> <td>WEI-21</td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-21d	LOG-22	LOG-23	PUL-31	PUL-31d	PUL-QC	SPL-21	SPL-21d	WEI-21	
CRU-31	CRU-QC	LOG-21d	LOG-22										
LOG-23	PUL-31	PUL-31d	PUL-QC										
SPL-21	SPL-21d	WEI-21											
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Cu-OG46</td> <td style="width: 33%;">ME-MS41</td> <td style="width: 33%;">ME-OG46</td> <td></td> </tr> </table>	Cu-OG46	ME-MS41	ME-OG46									
Cu-OG46	ME-MS41	ME-OG46											



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Page: 1  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 28-JAN-2023  
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**SD22365138**

Project: LAL-VIC 2022 DDH  
 P.O. No.: BATCH 6  
 This report is for 50 samples of 1/2 Core submitted to our lab in Sudbury, ON,  
 Canada on 19-DEC-2022.

The following have access to data associated with this certificate:

SAHIL ALURKAR  
 FRANCIS NEWTON

FRANCIS NEWTON  
 BRIAN NEWTON

BRIAN NEWTON  
 ACCESS WEBTRIEVE

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um


**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS41	Ultra Trace Aqua Regia ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**

  
 Saa Traxler, Director, North Vancouver Operations





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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 28-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365138**

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Units		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
LOD		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
96701		2.42	0.08	2.44	0.4	<0.02	<10	460	0.17	0.21	0.25	0.03	38.9	20.2	182	3.41
96702		0.79	0.05	0.77	1.1	<0.02	10	60	0.35	0.03	7.53	0.02	36.5	5.0	21	0.37
96703		3.80	0.08	2.27	<0.1	<0.02	<10	420	0.18	0.21	0.27	0.02	37.1	20.6	185	3.20
96704		3.95	0.08	2.45	<0.1	<0.02	<10	380	0.25	0.22	0.50	0.04	45.4	21.3	163	3.09
96705		3.27	0.11	2.57	<0.1	<0.02	<10	530	0.15	0.22	0.28	0.09	41.4	22.5	170	3.97
96706		2.88	0.11	2.36	<0.1	<0.02	<10	510	0.15	0.25	0.23	0.06	54.2	22.5	192	3.99
96707		2.32	0.12	2.16	0.2	<0.02	<10	530	0.14	0.15	0.21	0.04	55.5	24.3	172	3.71
96708		1.29	0.04	1.88	0.1	<0.02	<10	1150	0.23	0.12	0.70	0.03	68.3	21.2	421	2.62
96709		2.48	0.10	2.38	0.1	<0.02	<10	360	0.13	0.17	0.19	0.14	40.0	23.6	155	3.89
96710		2.54	0.09	2.36	<0.1	<0.02	<10	510	0.18	0.15	0.29	0.06	51.8	22.4	204	3.98
96711		3.41	0.08	2.03	0.2	<0.02	<10	740	0.13	0.12	0.27	0.04	51.1	21.4	183	4.22
96712		<0.02	0.09	2.02	0.1	<0.02	<10	720	0.14	0.12	0.28	0.03	50.2	21.0	175	4.07
96713		4.01	0.11	1.77	<0.1	<0.02	<10	650	0.14	0.15	0.28	0.06	50.2	21.3	182	3.70
96714		1.57	0.09	1.69	0.1	<0.02	<10	400	0.18	0.15	0.67	0.10	88.7	20.9	176	2.63
96715		2.35	0.08	1.65	<0.1	<0.02	<10	340	0.16	0.16	0.70	0.11	87.3	19.4	168	2.49
96716		3.64	0.07	1.95	0.2	<0.02	<10	640	0.14	0.14	0.59	0.08	51.4	19.6	132	2.77
96717		3.68	0.07	2.19	0.1	<0.02	<10	650	0.14	0.12	0.48	0.05	50.2	20.8	135	3.19
96718		4.02	0.10	2.06	<0.1	<0.02	<10	520	0.14	0.16	0.86	0.27	47.5	21.0	152	3.03
96719		3.90	0.09	2.24	<0.1	<0.02	<10	360	0.28	0.24	1.03	0.06	46.6	23.0	129	3.46
96720		3.13	0.10	2.52	0.2	<0.02	<10	610	0.19	0.18	0.34	0.04	42.0	24.2	171	4.58
96721		4.25	0.09	3.32	0.2	<0.02	<10	380	0.19	0.44	0.18	0.06	47.8	31.4	196	5.43
96722		0.94	0.03	0.72	0.4	<0.02	10	150	0.31	0.04	6.55	0.02	26.8	5.7	21	0.35
96723		4.17	0.49	2.16	0.7	<0.02	<10	40	0.16	1.18	0.22	1.81	54.3	41.6	125	3.19
96724		4.42	0.23	1.61	0.1	<0.02	<10	200	0.09	0.40	0.21	0.95	58.5	23.5	135	2.37
96725		3.09	0.40	1.35	0.3	<0.02	<10	100	0.11	0.98	0.23	5.38	51.9	34.3	69	1.82
96726		2.69	0.34	1.73	0.6	<0.02	<10	120	0.11	0.67	0.27	2.35	41.4	28.0	55	2.63
96727		3.39	0.16	2.44	0.2	<0.02	<10	410	0.20	0.26	0.44	1.77	36.4	34.9	460	4.46
96728		2.51	0.36	1.38	0.3	<0.02	<10	80	0.15	0.97	0.29	7.36	43.6	46.3	258	2.27
96729		2.08	0.20	0.96	0.6	<0.02	<10	150	0.24	0.57	1.16	0.08	38.7	96.9	680	0.90
96730		4.42	0.14	0.70	1.2	<0.02	<10	60	0.24	0.76	1.57	0.06	18.35	84.3	528	0.34
96731		4.52	0.07	1.81	0.3	<0.02	<10	630	0.32	0.25	2.54	0.05	90.2	42.9	444	2.65
96732		4.33	0.84	1.27	0.8	<0.02	<10	90	0.27	0.63	0.92	18.95	58.9	82.6	238	2.20
96733		4.14	0.25	0.62	2.0	<0.02	<10	20	0.44	1.53	5.07	0.13	4.23	74.2	506	0.30
96734		4.38	0.46	0.83	1.1	<0.02	10	20	0.45	1.16	3.44	0.77	6.78	95.2	534	0.28
96735		2.29	0.04	0.79	2.9	<0.02	<10	150	0.17	0.43	3.58	0.05	4.21	21.2	363	1.02
96736		2.57	0.12	0.42	0.6	<0.02	<10	10	0.14	0.93	10.65	0.15	0.96	86.1	230	0.22
96737		2.21	0.07	0.33	1.2	<0.02	<10	10	0.15	1.30	9.15	0.09	0.69	87.4	245	0.26
96738		2.35	0.03	1.71	1.1	<0.02	<10	250	0.11	0.32	0.68	0.02	11.45	42.2	707	6.57
96739		4.78	0.15	2.17	0.3	<0.02	<10	40	<0.05	0.50	1.67	0.02	2.19	60.2	960	1.12
96740		4.42	0.17	2.71	0.4	<0.02	<10	150	0.06	0.43	0.19	0.02	0.58	63.4	1170	4.24



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**CERTIFICATE OF ANALYSIS SD22365138**

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		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
96701		43.8	3.90	11.60	0.17	0.26	<0.01	0.032	1.61	19.0	21.1	1.76	326	2.15	0.06	0.17
96702		7.1	1.77	3.87	0.11	0.09	<0.01	0.019	0.26	17.8	22.5	3.76	498	1.51	0.05	0.13
96703		44.5	3.69	11.90	0.17	0.26	<0.01	0.035	1.44	19.0	19.5	1.75	283	2.03	0.06	0.17
96704		44.4	3.97	12.10	0.18	0.37	<0.01	0.032	1.38	22.3	19.6	1.71	450	1.94	0.08	0.12
96705		53.1	4.17	12.80	0.19	0.25	<0.01	0.036	1.84	20.8	21.2	1.75	483	2.13	0.06	0.18
96706		53.2	4.12	12.90	0.23	0.34	<0.01	0.041	1.75	27.1	19.1	1.77	428	1.68	0.10	0.23
96707		54.8	3.80	11.10	0.13	0.29	<0.01	0.038	1.73	26.6	18.1	1.78	441	1.43	0.06	0.31
96708		20.7	2.69	7.99	0.14	0.29	<0.01	0.015	1.51	32.6	14.9	1.95	325	0.24	0.06	0.12
96709		53.0	3.97	10.55	0.12	0.26	<0.01	0.027	1.93	18.7	21.4	1.58	512	1.78	0.05	0.27
96710		48.1	3.85	10.65	0.13	0.32	<0.01	0.031	1.89	24.9	22.5	1.72	463	1.65	0.09	0.27
96711		41.4	3.73	10.00	0.14	0.26	<0.01	0.032	1.68	23.7	20.1	1.60	482	1.68	0.06	0.33
96712		42.2	3.78	10.10	0.12	0.31	<0.01	0.032	1.59	24.1	19.4	1.54	476	1.49	0.09	0.25
96713		47.6	3.61	9.27	0.12	0.28	<0.01	0.034	1.31	23.6	15.9	1.56	419	1.69	0.05	0.22
96714		38.9	3.33	9.11	0.16	0.41	<0.01	0.027	0.89	41.4	14.0	1.60	394	2.71	0.11	0.26
96715		37.4	3.26	9.09	0.17	0.38	<0.01	0.028	0.81	41.3	14.3	1.61	385	3.67	0.08	0.22
96716		33.7	3.37	8.85	0.15	0.29	<0.01	0.030	1.42	23.7	16.2	1.46	464	2.36	0.08	0.16
96717		52.1	3.58	10.10	0.14	0.32	<0.01	0.027	1.62	23.7	18.7	1.60	441	2.15	0.08	0.23
96718		53.6	3.64	9.01	0.13	0.24	<0.01	0.029	1.37	22.5	16.7	1.58	529	1.51	0.07	0.21
96719		48.7	4.08	10.35	0.16	0.21	<0.01	0.034	1.15	22.3	18.6	1.68	551	1.36	0.09	0.15
96720		48.1	4.17	12.30	0.12	0.20	<0.01	0.040	1.62	19.1	20.3	1.81	467	2.11	0.06	0.17
96721		58.0	5.17	13.65	0.16	0.25	<0.01	0.050	2.48	22.5	27.7	2.20	596	3.02	0.08	0.29
96722		10.0	1.68	3.13	0.05	0.10	0.01	0.018	0.28	12.0	21.9	3.68	418	1.48	0.04	0.13
96723		270	7.28	8.84	0.15	0.23	<0.01	0.180	1.56	24.5	18.8	1.68	568	4.37	0.07	0.06
96724		131.0	3.50	8.24	0.13	0.19	<0.01	0.237	1.25	28.5	14.6	1.40	538	3.41	0.06	0.07
96725		376	4.20	7.47	0.13	0.32	<0.01	1.150	0.95	24.8	12.1	1.20	440	7.82	0.06	<0.05
96726		352	4.38	10.25	0.20	0.27	<0.01	0.675	1.33	17.9	15.7	1.49	443	4.52	0.06	<0.05
96727		180.0	4.33	10.40	0.22	0.26	0.01	0.363	1.99	16.5	23.0	2.52	507	5.65	0.07	0.05
96728		363	5.76	8.25	0.20	0.33	<0.01	0.830	0.90	19.6	12.7	1.28	610	10.20	0.07	0.24
96729		185.5	4.37	3.98	0.25	0.23	<0.01	0.041	0.36	17.7	6.9	0.87	691	0.78	0.10	0.09
96730		194.5	2.88	2.71	0.16	0.12	<0.01	0.026	0.10	8.4	3.5	0.64	435	19.40	0.11	0.14
96731		92.3	3.42	7.07	0.24	0.40	<0.01	0.024	1.26	41.5	17.9	1.92	530	4.36	0.10	0.09
96732		1150	6.50	5.68	0.21	0.37	0.01	1.775	0.68	26.1	10.7	1.22	599	54.5	0.08	0.14
96733		225	2.90	2.45	0.13	0.07	<0.01	0.055	0.03	2.0	3.5	0.56	1140	2.63	0.10	0.08
96734		425	5.10	3.54	0.19	0.08	<0.01	0.111	0.04	3.1	4.4	0.61	1175	1.60	0.11	0.09
96735		11.5	1.30	2.15	0.11	0.04	<0.01	0.005	0.30	2.1	8.3	1.06	564	0.57	0.09	<0.05
96736		138.5	2.13	2.22	0.13	0.04	<0.01	0.013	0.01	0.5	3.2	0.27	1360	0.85	0.02	0.13
96737		92.4	1.52	1.48	0.09	0.05	<0.01	0.006	0.01	0.3	3.8	0.26	1065	0.84	0.03	0.09
96738		28.0	2.40	5.11	0.13	0.09	<0.01	<0.005	1.36	4.1	23.4	2.75	293	0.14	0.06	<0.05
96739		54.2	3.36	5.45	0.10	<0.02	<0.01	0.006	0.20	1.3	13.7	3.58	380	0.20	0.01	<0.05
96740		69.8	4.03	6.90	0.10	<0.02	<0.01	0.008	0.97	0.3	24.3	4.48	280	0.16	0.02	<0.05



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Page: 2 - C  
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		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
96701		82.9	560	3.1	61.1	0.001	0.30	<0.05	11.4	0.2	0.7	6.8	<0.01	0.04	4.9	0.227
96702		7.5	350	2.7	11.0	0.001	0.05	<0.05	3.2	<0.2	0.5	56.3	<0.01	<0.01	2.8	0.068
96703		82.4	530	2.5	52.1	0.001	0.29	<0.05	12.0	0.2	0.8	7.7	<0.01	0.03	4.9	0.192
96704		84.1	600	3.8	59.3	0.001	0.29	<0.05	12.2	0.2	0.6	16.8	<0.01	0.03	5.7	0.197
96705		88.9	610	2.7	73.9	0.002	0.38	<0.05	13.6	<0.2	0.8	8.3	<0.01	0.04	4.6	0.273
96706		80.9	610	3.7	61.5	0.001	0.34	<0.05	14.6	0.2	0.9	14.0	<0.01	0.04	6.9	0.265
96707		90.5	620	4.1	69.1	0.001	0.30	<0.05	16.0	0.3	0.9	12.5	0.01	0.04	5.9	0.286
96708		118.0	1660	3.5	69.1	<0.001	0.08	<0.05	4.0	0.3	0.5	53.6	<0.01	<0.01	4.5	0.233
96709		95.2	590	3.7	89.3	0.001	0.29	<0.05	12.2	0.4	0.7	6.9	<0.01	0.04	4.6	0.307
96710		91.2	680	3.7	81.3	0.001	0.25	<0.05	12.3	0.3	0.8	16.3	<0.01	0.04	5.9	0.295
96711		78.1	570	3.3	64.5	0.001	0.26	<0.05	13.1	0.4	0.8	11.7	<0.01	0.03	5.6	0.286
96712		75.3	540	3.3	63.3	0.001	0.26	<0.05	12.9	0.4	0.8	17.3	<0.01	0.02	5.6	0.274
96713		75.8	530	4.0	46.8	0.001	0.34	<0.05	12.6	0.4	0.8	10.9	<0.01	0.04	6.4	0.251
96714		74.5	870	5.5	33.5	0.001	0.25	<0.05	11.1	0.4	0.6	29.5	<0.01	0.02	6.6	0.238
96715		73.2	870	5.1	30.4	0.001	0.24	<0.05	10.4	0.2	0.6	25.9	<0.01	0.02	6.5	0.216
96716		58.7	760	4.2	59.1	0.002	0.20	<0.05	11.5	0.5	0.6	18.6	<0.01	0.02	5.0	0.259
96717		61.8	630	3.9	74.3	<0.001	0.19	<0.05	11.9	0.2	0.8	19.2	<0.01	0.01	5.9	0.271
96718		61.1	810	4.3	62.7	0.001	0.28	<0.05	10.6	0.4	0.6	28.3	<0.01	0.02	5.0	0.241
96719		62.8	870	3.3	46.4	0.001	0.30	<0.05	13.5	0.2	0.7	27.9	<0.01	0.03	4.6	0.194
96720		90.4	600	3.7	66.1	0.002	0.24	<0.05	15.5	0.2	0.8	12.3	<0.01	0.04	4.3	0.225
96721		130.0	630	3.8	121.5	0.001	0.54	<0.05	19.4	0.8	1.2	7.4	<0.01	0.08	5.1	0.335
96722		11.2	310	1.6	13.4	<0.001	0.08	<0.05	3.2	0.3	0.3	50.5	<0.01	<0.01	2.5	0.069
96723		141.5	470	8.2	80.8	0.004	3.43	<0.05	13.9	3.0	1.1	10.9	<0.01	0.28	5.7	0.206
96724		85.1	540	10.7	67.7	0.002	1.28	<0.05	8.7	1.4	2.3	7.1	<0.01	0.11	6.6	0.169
96725		98.4	570	21.2	50.5	0.005	2.02	<0.05	6.2	3.3	2.8	5.8	<0.01	0.28	4.6	0.123
96726		53.5	710	11.0	66.9	0.003	1.74	<0.05	17.0	2.6	2.5	6.9	<0.01	0.31	2.8	0.191
96727		145.0	980	3.9	83.6	0.003	0.94	<0.05	14.4	1.5	2.3	9.5	<0.01	0.13	2.5	0.257
96728		328	430	12.8	42.2	0.007	2.55	<0.05	9.9	3.7	3.3	9.2	<0.01	0.40	2.8	0.149
96729		1440	910	5.3	21.9	0.001	1.68	<0.05	6.5	1.8	1.3	30.1	<0.01	0.29	2.4	0.133
96730		1545	550	4.0	3.6	0.010	1.17	<0.05	5.4	1.8	0.8	43.2	<0.01	0.18	1.0	0.099
96731		506	2340	4.9	78.9	0.001	0.47	<0.05	6.3	0.8	0.8	108.0	<0.01	0.04	4.8	0.197
96732		662	1000	9.0	35.7	0.021	2.89	<0.05	7.3	5.3	1.3	30.9	<0.01	0.17	3.5	0.129
96733		1160	280	10.5	0.6	0.002	0.98	<0.05	5.0	1.5	0.6	79.9	<0.01	0.28	0.3	0.070
96734		1340	270	7.7	0.8	0.002	2.10	<0.05	6.6	2.9	0.7	65.4	<0.01	0.21	0.6	0.065
96735		276	160	2.7	16.4	<0.001	0.07	<0.05	3.5	0.5	0.2	69.3	<0.01	0.02	0.2	0.065
96736		1395	750	9.5	0.3	0.001	0.97	<0.05	2.1	1.0	0.8	260	<0.01	0.17	<0.2	0.047
96737		1595	100	8.0	0.5	0.001	0.69	<0.05	2.0	1.3	0.5	204	<0.01	0.23	<0.2	0.061
96738		553	380	0.9	71.8	<0.001	0.18	<0.05	2.3	0.4	0.2	24.0	<0.01	0.04	1.0	0.111
96739		698	600	4.6	9.9	0.001	0.77	<0.05	1.5	0.6	<0.2	138.5	<0.01	0.07	<0.2	0.048
96740		718	110	4.2	45.9	<0.001	0.76	<0.05	1.8	0.7	<0.2	5.2	<0.01	0.08	<0.2	0.089



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 OAKVILLE ON L6J 7J9

Page: 2 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 28-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365138**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	CRU-QC	PUL-QC
		TI	U	V	W	Y	Zn	Zr	Pass2mm	Pass75um
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.02	0.05	1	0.05	0.05	2	0.5	0.01	0.01
96701		0.40	1.40	96	0.11	5.59	92	10.2	74.6	91.3
96702		0.07	0.84	26	<0.05	9.80	18	2.4		
96703		0.31	1.37	97	0.09	5.49	85	9.7		
96704		0.36	1.44	92	0.12	6.71	85	15.4		
96705		0.45	1.13	106	0.17	5.84	91	10.1		
96706		0.35	1.89	104	0.12	8.20	82	14.2	73.9	89.3
96707		0.44	1.32	102	0.11	10.35	79	10.4		
96708		0.44	0.99	70	0.10	6.54	44	15.8		
96709		0.57	1.22	96	0.26	7.26	80	8.6		
96710		0.50	1.53	93	0.24	8.52	77	11.4		
96711		0.41	1.44	93	0.13	8.33	77	8.7	73.9	91.3
96712		0.39	1.47	90	0.12	8.40	74	10.3		
96713		0.31	1.79	90	0.08	9.58	77	9.4		
96714		0.24	1.44	80	0.08	11.50	92	15.2		
96715		0.22	1.30	78	0.09	10.95	88	13.0		
96716		0.39	1.18	90	0.13	9.74	64	9.5	73.9	91.3
96717		0.48	1.48	92	0.19	9.33	67	10.8		
96718		0.43	1.24	90	0.16	9.73	84	8.4		
96719		0.29	1.11	101	0.10	10.00	82	6.0		
96720		0.40	1.12	104	0.11	6.03	109	6.8		
96721		1.32	1.71	123	0.14	6.65	139	8.7	73.9	91.3
96722		0.09	0.32	25	<0.05	7.93	27	2.3		
96723		1.22	1.60	94	0.16	8.19	1000	8.4		
96724		1.46	1.63	66	0.08	9.17	589	6.5		
96725		1.25	0.95	50	0.10	11.15	2720	10.2		
96726		1.69	0.43	97	0.07	9.48	1485	9.1	73.9	91.3
96727		1.72	0.41	124	0.09	7.19	926	8.8		
96728		1.01	0.42	61	0.09	11.95	3400	10.6		
96729		0.37	0.78	53	0.12	6.61	127	7.1		
96730		0.06	0.25	39	0.13	4.16	60	3.1		
96731		0.65	0.91	75	0.12	11.20	75	13.6	73.9	91.3
96732		0.42	0.66	40	0.16	12.60	6700	13.1		
96733		0.05	0.17	31	0.14	3.81	124	1.3		
96734		0.12	0.16	38	0.21	4.33	496	1.3		
96735		0.15	0.06	24	0.09	2.47	21	0.9		
96736		<0.02	0.06	14	0.12	2.58	19	1.0	73.9	91.3
96737		0.02	<0.05	13	0.11	3.04	15	0.8		
96738		0.59	0.16	40	0.05	1.89	29	3.1		
96739		0.10	<0.05	49	0.08	1.86	28	<0.5		
96740		0.39	<0.05	65	0.06	0.56	46	<0.5		

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Page: 3 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 28-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS	SD22365138
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Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	ME-MS41 Ag ppm	ME-MS41 Al %	ME-MS41 As ppm	ME-MS41 Au ppm	ME-MS41 B ppm	ME-MS41 Ba ppm	ME-MS41 Be ppm	ME-MS41 Bi ppm	ME-MS41 Ca %	ME-MS41 Cd ppm	ME-MS41 Ce ppm	ME-MS41 Co ppm	ME-MS41 Cr ppm	ME-MS41 Cs ppm
		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
96741		2.78	0.03	2.68	1.2	<0.02	<10	410	0.19	0.22	0.26	0.02	2.75	41.3	1195	13.45
96742		1.92	0.02	2.71	0.6	<0.02	<10	400	0.17	0.19	0.18	0.01	0.93	44.4	1185	13.25
96743		4.69	0.08	2.46	0.7	<0.02	<10	400	0.32	0.34	0.42	0.03	15.60	44.8	949	11.30
96744		4.47	0.04	2.66	5.3	<0.02	<10	640	0.22	0.18	0.34	0.03	8.12	46.0	979	11.65
96745		<0.02	0.04	2.66	4.9	<0.02	<10	610	0.21	0.18	0.34	0.03	7.19	46.1	995	11.70
96746		4.71	0.01	1.69	3.8	<0.02	<10	290	0.80	0.17	1.43	0.08	39.8	27.5	406	4.44
96747		4.86	0.03	2.50	40.0	<0.02	<10	530	0.19	0.11	0.19	0.02	0.36	45.4	1235	13.20
96748		3.97	0.06	1.63	4.2	<0.02	<10	<10	<0.05	0.33	0.84	0.03	0.90	67.0	1230	0.59
96749		4.41	0.02	2.15	0.8	<0.02	<10	<10	<0.05	0.30	1.27	0.02	1.17	72.9	1470	0.49
96750		4.76	0.05	2.31	2.1	<0.02	<10	310	0.13	0.25	1.09	0.02	8.13	59.3	1070	2.95



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Page: 3 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 28-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

<b>CERTIFICATE OF ANALYSIS SD22365138</b>
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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	
	Units LOD	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
96741		4.0	3.34	9.20	0.13	0.03	<0.01	0.011	2.66	1.3	48.5	4.43	297	12.95	0.03	<0.05
96742		4.7	3.34	10.30	0.16	0.02	<0.01	0.009	2.65	0.4	48.7	4.39	277	1.89	0.03	<0.05
96743		43.6	3.29	9.07	0.18	0.06	<0.01	0.015	2.29	7.0	55.7	3.97	312	7.54	0.06	<0.05
96744		40.8	3.38	9.02	0.17	0.04	<0.01	0.008	2.33	3.7	70.5	4.03	288	0.93	0.05	<0.05
96745		36.8	3.38	8.98	0.17	0.05	<0.01	0.008	2.36	3.2	71.0	4.05	290	0.99	0.05	<0.05
96746		6.1	2.67	6.62	0.20	0.16	<0.01	0.034	0.81	18.3	32.3	2.44	425	0.60	0.18	<0.05
96747		19.2	3.12	8.85	0.15	<0.02	0.01	0.008	2.02	<0.2	43.5	4.47	266	0.14	0.04	<0.05
96748		110.0	2.92	4.46	0.12	<0.02	0.01	0.008	0.02	0.5	3.1	3.75	245	0.15	0.01	<0.05
96749		58.6	3.92	5.38	0.16	<0.02	<0.01	0.013	<0.01	0.6	1.8	5.09	351	0.17	0.01	<0.05
96750		46.7	3.68	5.71	0.12	0.02	<0.01	0.012	0.44	4.0	13.6	4.37	336	0.15	0.03	<0.05

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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Page: 3 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 28-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365138
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Sample Description	Method Analyte Units LOD	ME-MS41 Ni ppm	ME-MS41 P ppm	ME-MS41 Pb ppm	ME-MS41 Rb ppm	ME-MS41 Re ppm	ME-MS41 S %	ME-MS41 Sb ppm	ME-MS41 Sc ppm	ME-MS41 Se ppm	ME-MS41 Sn ppm	ME-MS41 Sr ppm	ME-MS41 Ta ppm	ME-MS41 Te ppm	ME-MS41 Th ppm	ME-MS41 Ti %
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
96741		510	90	0.7	129.0	0.004	0.06	<0.05	1.9	0.3	0.2	5.6	<0.01	0.02	0.3	0.149
96742		491	10	1.7	139.5	0.001	0.04	<0.05	1.9	0.2	0.2	2.9	<0.01	0.04	<0.2	0.147
96743		461	70	5.2	118.0	0.004	0.11	<0.05	2.7	0.2	0.3	15.0	<0.01	0.04	0.9	0.143
96744		433	260	2.9	120.5	0.001	0.03	<0.05	3.9	0.2	0.2	15.4	<0.01	0.02	0.7	0.162
96745		437	240	3.1	123.0	<0.001	0.03	<0.05	3.8	0.2	0.2	13.8	<0.01	0.02	0.6	0.163
96746		176.0	530	2.0	40.2	<0.001	0.05	<0.05	6.2	<0.2	0.8	56.6	<0.01	0.03	2.9	0.122
96747		610	10	1.1	99.0	<0.001	0.03	<0.05	1.6	0.2	<0.2	3.4	<0.01	0.02	<0.2	0.139
96748		983	40	0.7	1.5	0.001	0.65	<0.05	2.4	0.8	<0.2	57.8	<0.01	0.10	<0.2	0.018
96749		930	50	0.7	0.5	<0.001	0.76	<0.05	3.8	0.4	<0.2	95.7	<0.01	0.09	<0.2	0.025
96750		721	300	2.5	22.2	<0.001	0.59	<0.05	4.2	0.3	<0.2	76.7	<0.01	0.07	0.5	0.053

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Page: 3 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 28-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365138
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Sample Description	Method Analyte Units LOD	ME-MS41 TI ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
96741		1.01	0.05	65	<0.05	0.66	98	0.8		
96742		1.09	0.05	63	<0.05	0.51	89	0.7		
96743		0.89	0.22	66	0.05	1.34	103	3.0		
96744		0.94	0.23	63	<0.05	1.86	61	1.6		
96745		0.93	0.21	63	0.05	1.74	61	1.6		
96746		0.31	0.52	61	0.18	5.04	118	6.5		
96747		0.74	<0.05	49	2.47	0.50	95	<0.5		
96748		0.02	<0.05	50	0.11	1.15	23	<0.5		
96749		<0.02	<0.05	77	0.19	2.08	27	<0.5		
96750		0.18	0.11	72	0.18	2.71	30	0.6		





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Page: Appendix 1  
 Total # Appendix Pages: 1  
 Finalized Date: 28-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365138**

	<b>CERTIFICATE COMMENTS</b>												
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).            ME-MS41</p>												
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-22</td> <td style="width: 15%;">LOG-22d</td> </tr> <tr> <td>PUL-31</td> <td>PUL-31d</td> <td>PUL-QC</td> <td>SPL-21</td> </tr> <tr> <td>SPL-21d</td> <td>WEI-21</td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-22	LOG-22d	PUL-31	PUL-31d	PUL-QC	SPL-21	SPL-21d	WEI-21		
CRU-31	CRU-QC	LOG-22	LOG-22d										
PUL-31	PUL-31d	PUL-QC	SPL-21										
SPL-21d	WEI-21												
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.            ME-MS41</p>												



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Page: 1  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
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 Account: MINMAN

**SD22365239**

Project: LAL-VIC 2022 DDH  
 P.O. No.: BATCH 13  
 This report is for 50 samples of 1/2 Core submitted to our lab in Sudbury, ON,  
 Canada on 19-DEC-2022.

The following have access to data associated with this certificate:

SAHIL ALURKAR  
 FRANCIS NEWTON

FRANCIS NEWTON  
 BRIAN NEWTON

BRIAN NEWTON  
 ACCESS WEBTRIEVE

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

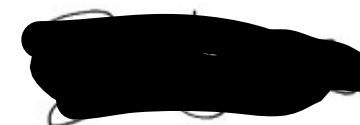
**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS41	Ultra Trace Aqua Regia ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**



Saa Traxler, Director, North Vancouver Operations



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Page: 2 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365239**

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Units		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
LOD		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
97051		3.97	0.07	2.56	<0.1	<0.02	<10	550	0.14	0.15	0.17	0.02	45.8	24.6	183	3.50
97052		0.42	0.01	0.04	<0.1	<0.02	<10	20	<0.05	<0.01	>25.0	0.01	1.44	1.6	5	0.06
97053		4.44	0.06	2.28	<0.1	<0.02	<10	470	0.21	0.21	0.76	0.03	53.8	20.7	162	2.91
97054		2.84	0.05	2.70	<0.1	<0.02	<10	470	0.13	0.17	0.25	0.04	40.8	22.5	197	3.20
97055		4.41	0.04	2.47	<0.1	<0.02	<10	520	0.15	0.10	0.34	0.02	57.7	22.5	234	3.37
97056		4.07	0.05	3.15	<0.1	<0.02	<10	650	0.28	0.13	0.39	0.03	60.8	28.3	204	4.97
97057		4.28	0.08	2.40	<0.1	<0.02	<10	650	0.25	0.12	0.31	0.06	54.4	24.7	243	3.50
97058		2.65	0.08	2.12	<0.1	<0.02	<10	450	0.25	0.14	0.35	0.01	68.2	25.1	293	3.64
97059		4.00	0.11	2.24	2.9	<0.02	<10	450	0.22	0.16	0.41	0.03	60.4	26.2	256	3.38
97060		2.99	0.06	2.33	<0.1	<0.02	<10	440	0.24	0.15	0.40	0.02	42.4	23.5	194	3.53
97061		3.42	0.09	2.47	0.5	<0.02	<10	470	0.24	0.14	0.40	0.02	54.5	25.1	195	3.41
97062		<0.02	0.08	2.54	0.8	<0.02	<10	480	0.23	0.14	0.41	0.02	56.4	26.2	198	3.68
97063		4.71	0.08	2.54	0.7	<0.02	<10	450	0.24	0.17	0.59	0.03	46.4	25.6	238	3.26
97064		2.43	0.08	2.80	0.5	<0.02	<10	450	0.21	0.17	0.22	0.03	45.5	29.5	275	3.70
97065		2.52	0.07	3.14	0.3	<0.02	<10	460	0.29	0.15	0.24	0.03	48.9	30.6	294	3.96
97066		4.75	0.10	2.94	0.4	<0.02	<10	370	0.29	0.23	0.39	0.11	49.0	30.0	225	3.74
97067		5.21	0.15	2.62	0.2	<0.02	<10	210	0.18	0.25	0.18	0.05	38.7	27.6	176	3.07
97068		4.37	0.65	0.81	0.2	<0.02	<10	50	0.12	1.32	0.31	5.62	43.8	51.3	89	1.00
97069		1.95	0.39	0.73	1.0	<0.02	<10	90	0.16	0.81	0.78	0.08	17.70	110.5	406	0.43
97070		3.60	0.17	0.41	5.3	<0.02	<10	10	0.17	0.89	4.88	0.06	2.19	107.5	259	0.22
97071		2.34	0.04	0.38	8.0	<0.02	<10	10	0.09	0.44	1.82	0.04	1.99	32.0	196	0.12
97072		0.61	0.02	0.03	<0.1	<0.02	<10	10	0.05	0.01	>25.0	0.01	1.04	1.6	4	<0.05
97073		3.86	0.13	2.11	2.6	<0.02	<10	260	0.14	0.32	0.48	0.06	10.25	56.9	965	6.20
97074		2.79	0.02	2.12	7.1	<0.02	<10	350	0.09	0.17	0.46	0.01	1.35	38.1	917	6.99
97075		3.06	0.13	2.83	0.2	<0.02	<10	370	0.10	0.36	0.19	0.01	0.37	57.5	1115	9.81
97076		5.00	0.10	2.85	0.1	<0.02	<10	160	0.08	0.37	0.22	0.01	5.10	65.9	1100	3.31
97077		3.72	0.14	2.14	2.0	<0.02	<10	400	0.24	0.47	0.62	0.02	34.5	75.4	1240	4.72
97078		1.81	0.96	0.28	0.6	<0.02	<10	50	0.05	1.34	0.86	3.64	7.18	121.5	294	0.27
97079		3.65	0.75	0.57	0.3	<0.02	<10	40	0.06	0.91	0.29	1.45	2.25	132.5	837	0.79
97080		2.83	0.53	0.25	0.3	<0.02	<10	20	<0.05	0.77	0.62	0.63	17.20	133.5	189	0.18
97081		4.63	0.47	0.14	0.2	<0.02	<10	10	<0.05	0.68	0.62	0.48	4.82	151.0	102	<0.05
97082		3.34	0.60	0.12	0.4	<0.02	<10	10	<0.05	0.75	0.55	0.56	2.34	156.5	94	0.06
97083		3.35	0.44	0.11	<0.1	<0.02	<10	<10	<0.05	0.69	0.75	0.37	2.51	133.0	92	<0.05
97084		3.95	0.39	0.18	0.4	<0.02	<10	20	0.05	0.72	0.45	0.16	2.85	156.5	185	0.10
97085		2.38	0.37	0.92	0.3	<0.02	<10	110	0.13	0.71	0.39	4.87	66.4	75.5	316	1.28
97086		3.85	0.05	1.39	<0.1	<0.02	<10	140	0.37	0.13	1.50	0.05	48.4	21.3	257	0.55
97087		3.25	0.03	2.77	1.0	<0.02	<10	400	0.15	0.14	0.31	0.01	4.63	45.5	1120	7.88
97088		4.74	0.06	2.07	0.8	<0.02	<10	260	0.23	0.16	0.73	0.02	8.09	40.8	845	5.90
97089		4.93	0.08	2.67	0.1	<0.02	<10	290	0.10	0.21	0.33	0.01	5.02	54.6	1040	4.54
97090		4.94	0.05	2.42	2.2	<0.02	<10	110	<0.05	0.17	0.16	0.01	2.03	52.8	1145	2.09



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365239**

Sample Description	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm
	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
97051	59.9	4.13	13.20	0.13	0.30	<0.01	0.036	1.98	22.7	23.8	1.72	478	2.70	0.09	0.27
97052	3.3	0.14	0.23	0.06	<0.02	<0.01	<0.005	0.02	1.3	0.7	1.85	100	0.54	0.01	<0.05
97053	55.2	3.41	10.50	0.15	0.25	<0.01	0.031	1.44	25.5	19.3	1.57	407	2.20	0.10	0.23
97054	52.2	4.30	11.60	0.12	0.20	<0.01	0.029	1.99	20.1	24.2	1.79	469	1.18	0.07	0.28
97055	43.3	3.78	11.50	0.16	0.22	<0.01	0.031	1.97	28.3	22.1	1.94	478	1.60	0.07	0.21
97056	54.3	5.00	14.20	0.19	0.21	<0.01	0.041	2.45	29.4	31.0	2.49	595	3.27	0.09	0.22
97057	60.3	4.01	12.55	0.16	0.27	<0.01	0.039	1.90	25.6	23.0	2.06	417	1.90	0.07	0.30
97058	66.4	3.71	9.91	0.17	0.27	<0.01	0.020	1.77	33.0	17.5	2.21	316	1.00	0.06	0.20
97059	73.9	4.06	11.35	0.15	0.24	<0.01	0.034	1.58	31.1	18.8	2.17	379	5.94	0.08	0.27
97060	50.2	4.12	11.40	0.18	0.18	<0.01	0.034	1.61	20.9	19.9	2.03	447	1.61	0.07	0.29
97061	59.0	4.33	12.45	0.16	0.21	<0.01	0.032	1.47	26.8	22.1	2.11	439	1.86	0.07	0.25
97062	59.6	4.39	13.20	0.17	0.20	<0.01	0.036	1.51	27.9	22.5	2.18	446	1.78	0.06	0.24
97063	64.1	4.20	11.65	0.19	0.19	<0.01	0.033	1.51	22.6	22.4	2.21	418	3.59	0.08	0.22
97064	73.6	4.51	14.20	0.22	0.15	<0.01	0.042	1.65	22.7	24.8	2.35	398	1.96	0.06	0.26
97065	56.0	4.69	14.40	0.22	0.18	<0.01	0.039	1.87	24.4	28.7	2.60	418	2.29	0.08	0.20
97066	76.8	4.90	14.95	0.22	0.21	<0.01	0.072	1.66	23.3	29.0	2.41	557	5.76	0.06	0.19
97067	67.8	5.07	12.20	0.15	0.23	<0.01	0.041	1.83	18.9	29.7	2.05	550	3.08	0.06	0.13
97068	579	7.29	5.16	0.16	0.38	<0.01	0.798	0.43	21.2	8.1	0.85	204	8.06	0.07	0.18
97069	271	6.32	3.47	0.16	0.08	<0.01	0.022	0.12	9.2	8.3	0.60	344	0.98	0.06	0.14
97070	129.5	2.80	1.74	0.12	0.03	<0.01	0.029	0.03	1.1	2.9	0.30	714	3.42	0.05	0.14
97071	36.1	1.18	1.54	0.07	0.02	<0.01	0.014	0.01	1.0	5.2	0.58	305	0.64	0.04	<0.05
97072	3.8	0.11	0.12	0.05	0.05	<0.01	<0.005	0.01	1.0	0.4	1.07	101	0.12	0.01	3.48
97073	101.0	4.22	6.71	0.14	0.04	<0.01	0.017	1.63	4.5	24.4	3.29	298	0.70	0.05	<0.05
97074	7.5	2.65	6.89	0.13	0.03	<0.01	<0.005	1.79	0.5	26.6	3.20	258	2.34	0.03	<0.05
97075	56.4	4.04	7.54	0.14	<0.02	<0.01	0.006	2.53	<0.2	30.1	4.51	271	1.72	0.02	<0.05
97076	56.8	4.56	6.97	0.13	0.03	<0.01	0.007	0.94	2.1	20.6	4.43	335	0.23	0.01	<0.05
97077	61.5	3.83	7.39	0.15	0.13	<0.01	0.018	1.56	17.0	24.3	3.07	389	1.30	0.05	0.05
97078	468	11.75	1.56	0.16	0.08	<0.01	0.420	0.12	3.5	3.4	0.25	207	1.28	0.06	0.23
97079	406	10.85	3.10	0.14	0.06	<0.01	0.086	0.45	1.0	9.8	0.69	300	1.80	0.06	0.08
97080	253	9.57	1.50	0.15	0.10	<0.01	0.044	0.07	8.7	4.5	0.27	162	0.58	0.06	0.20
97081	309	8.53	0.62	0.12	0.06	<0.01	0.024	0.01	2.4	0.6	0.14	84	0.71	0.07	0.18
97082	335	9.87	0.55	0.12	0.06	<0.01	0.016	0.01	1.3	0.4	0.10	75	0.63	0.06	0.17
97083	229	7.46	0.52	0.09	0.06	<0.01	0.010	0.01	1.4	0.3	0.12	79	0.63	0.06	0.16
97084	235	6.64	0.97	0.11	0.07	<0.01	0.011	0.04	1.4	1.8	0.22	79	0.62	0.06	0.14
97085	340	4.89	4.78	0.15	0.45	<0.01	0.431	0.62	32.9	11.6	1.17	189	6.36	0.08	0.34
97086	44.6	2.27	4.67	0.17	0.23	<0.01	0.022	0.12	22.9	14.8	1.94	339	4.17	0.21	0.07
97087	32.3	3.69	9.23	0.12	0.05	<0.01	0.006	2.01	2.0	46.5	4.57	307	3.89	0.04	<0.05
97088	49.1	3.09	7.54	0.13	0.07	<0.01	0.019	1.34	3.7	27.8	3.42	327	4.39	0.10	<0.05
97089	47.8	3.81	8.00	0.13	0.03	<0.01	0.008	1.23	2.2	32.7	4.21	310	2.37	0.05	<0.05
97090	65.7	3.35	6.37	0.11	<0.02	<0.01	0.006	0.51	1.0	15.8	4.06	216	0.09	0.02	<0.05



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
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 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365239**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
97051		92.9	570	2.3	88.8	0.001	0.28	<0.05	15.0	0.3	0.9	10.4	<0.01	0.05	5.9	0.290
97052		<0.2	70	0.2	1.1	<0.001	<0.01	<0.05	0.4	0.4	<0.2	70.2	<0.01	<0.01	<0.2	<0.005
97053		69.5	940	2.5	66.2	0.001	0.28	<0.05	13.0	0.3	0.8	42.9	<0.01	0.03	5.5	0.250
97054		84.4	610	2.5	81.8	0.001	0.27	<0.05	11.6	0.3	0.7	8.1	<0.01	0.04	5.0	0.273
97055		85.8	830	2.8	84.0	0.001	0.17	<0.05	12.5	<0.2	0.7	14.2	<0.01	0.02	5.7	0.279
97056		96.8	1170	3.6	115.0	0.001	0.29	<0.05	20.0	0.4	0.9	17.7	0.01	0.03	6.4	0.333
97057		104.0	890	4.3	86.5	0.001	0.37	<0.05	15.3	<0.2	0.9	14.6	<0.01	0.04	7.2	0.298
97058		105.0	1100	2.4	79.0	0.001	0.46	<0.05	9.8	0.4	0.7	12.5	<0.01	0.03	7.5	0.253
97059		101.0	710	2.9	70.2	0.003	0.60	<0.05	15.6	0.4	0.9	11.9	<0.01	0.04	6.2	0.230
97060		79.4	780	2.1	67.6	0.001	0.34	<0.05	17.6	<0.2	0.8	9.6	0.01	0.04	5.5	0.234
97061		85.2	690	3.5	65.1	0.001	0.33	<0.05	16.7	0.3	0.5	12.2	<0.01	0.04	6.5	0.236
97062		86.9	700	3.5	70.5	0.001	0.33	<0.05	17.5	0.4	0.6	12.7	<0.01	0.04	6.1	0.241
97063		94.8	910	3.2	65.1	0.001	0.33	0.06	16.6	0.3	0.8	12.5	<0.01	0.04	4.5	0.215
97064		117.5	620	3.0	75.0	0.001	0.35	<0.05	19.4	0.3	0.9	7.2	<0.01	0.05	5.3	0.221
97065		129.5	580	2.9	81.4	0.001	0.29	<0.05	20.8	0.3	0.9	9.9	<0.01	0.05	5.7	0.240
97066		110.5	820	4.0	77.1	0.002	0.57	<0.05	19.8	0.6	1.3	8.4	<0.01	0.07	5.1	0.237
97067		120.5	530	3.3	82.6	0.001	1.16	<0.05	15.4	0.5	1.0	4.7	<0.01	0.11	4.1	0.237
97068		163.0	560	21.1	21.2	0.006	3.64	<0.05	9.7	3.4	1.3	10.3	<0.01	0.25	5.5	0.099
97069		1205	500	7.7	6.1	0.001	3.01	<0.05	3.3	2.2	0.9	15.1	<0.01	0.23	1.2	0.106
97070		1970	300	6.0	1.0	0.001	1.43	<0.05	2.3	1.1	0.6	67.4	<0.01	0.22	<0.2	0.059
97071		617	90	2.4	0.4	<0.001	0.41	<0.05	1.4	0.3	0.3	23.7	<0.01	0.08	<0.2	0.036
97072		3.8	70	0.4	0.2	<0.001	0.02	<0.05	0.3	0.4	<0.2	72.5	0.01	<0.01	0.5	<0.005
97073		736	240	2.9	69.9	0.001	1.08	<0.05	3.0	1.2	0.4	13.2	<0.01	0.12	0.6	0.136
97074		512	130	1.2	82.4	<0.001	0.09	<0.05	1.8	<0.2	0.3	5.1	<0.01	0.03	0.2	0.135
97075		688	80	3.4	112.0	<0.001	0.58	<0.05	1.9	0.5	0.2	2.6	<0.01	0.09	<0.2	0.162
97076		711	340	3.8	39.8	<0.001	1.03	<0.05	4.1	0.6	<0.2	5.7	<0.01	0.11	0.5	0.108
97077		1010	790	6.9	65.3	0.001	0.82	<0.05	4.8	0.4	0.5	30.1	<0.01	0.12	1.7	0.157
97078		1575	240	9.1	6.2	0.002	5.22	<0.05	2.7	2.8	1.4	9.3	<0.01	0.35	0.6	0.103
97079		1640	90	7.0	24.6	0.001	4.94	<0.05	2.7	2.3	0.6	3.5	<0.01	0.30	<0.2	0.126
97080		1630	400	5.4	4.5	0.001	4.62	<0.05	2.0	1.8	0.5	7.9	<0.01	0.33	1.1	0.097
97081		2030	230	5.8	0.2	0.001	4.25	<0.05	1.8	1.6	0.5	7.8	<0.01	0.27	0.3	0.098
97082		2190	140	6.3	0.1	0.002	4.59	<0.05	1.6	1.6	0.4	6.4	<0.01	0.27	0.2	0.096
97083		1855	130	5.7	0.2	0.001	3.64	<0.05	1.6	1.1	0.5	8.0	<0.01	0.23	0.2	0.106
97084		2090	170	5.4	2.3	0.001	3.34	<0.05	1.9	1.6	0.5	6.5	<0.01	0.28	0.2	0.106
97085		754	830	7.1	37.5	0.004	2.26	<0.05	4.5	2.4	1.6	11.3	<0.01	0.18	4.5	0.176
97086		112.0	1440	3.8	5.0	0.002	0.15	<0.05	6.5	<0.2	0.7	46.9	<0.01	0.02	3.8	0.117
97087		579	240	2.7	88.9	0.003	0.09	<0.05	3.0	0.2	<0.2	9.0	<0.01	0.02	2.1	0.156
97088		471	170	2.7	63.5	0.003	0.21	<0.05	2.3	0.3	0.3	21.6	<0.01	0.04	1.8	0.114
97089		636	360	2.7	53.1	0.002	0.37	<0.05	2.4	0.3	<0.2	8.7	<0.01	0.07	0.4	0.115
97090		715	120	0.4	23.7	<0.001	0.42	<0.05	1.9	0.3	<0.2	3.5	<0.01	0.06	0.2	0.067



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 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365239**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	CRU-QC	PUL-QC
		TI	U	V	W	Y	Zn	Zr	Pass2mm	Pass75um
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.02	0.05	1	0.05	0.05	2	0.5	0.01	0.01
97051		0.48	1.52	99	0.15	7.19	85	13.6	92.9	95.6
97052		<0.02	0.10	1	0.18	2.13	3	<0.5		
97053		0.39	1.26	88	0.11	8.34	66	10.6		
97054		0.44	1.49	100	0.11	6.11	91	8.1		85.1
97055		0.46	1.48	94	0.17	10.30	74	9.3		
97056		0.69	1.52	134	0.19	12.20	101	8.5		
97057		0.54	1.66	110	0.13	10.60	116	11.4		
97058		0.54	1.50	94	0.07	10.30	73	11.8		
97059		0.48	1.42	105	0.08	9.40	82	10.7		
97060		0.42	1.26	118	0.09	7.70	84	7.7		
97061		0.43	1.44	116	0.13	9.62	89	9.0		
97062		0.46	1.45	119	0.13	10.05	90	8.7		
97063		0.42	1.12	117	0.10	7.65	82	8.1		
97064		0.48	1.38	128	0.12	7.39	91	6.9		
97065		0.52	1.38	135	0.12	8.14	95	7.7		
97066		0.58	1.37	128	0.12	9.36	151	8.9		
97067		1.14	1.14	112	0.10	5.61	110	10.2		
97068		0.40	0.96	61	0.11	9.26	2380	15.2		
97069		0.14	0.24	33	0.10	3.63	73	2.5		
97070		0.04	0.13	18	0.17	2.31	41	0.8		
97071		0.02	0.07	10	0.07	1.51	28	0.6		
97072		<0.02	1.00	<1	0.08	4.94	3	0.6		
97073		0.69	0.13	51	0.05	3.41	110	1.4		
97074		0.79	0.05	43	<0.05	0.73	59	1.1		
97075		1.01	<0.05	68	<0.05	0.55	49	<0.5		
97076		0.39	0.22	69	<0.05	1.55	45	1.3		
97077		0.71	0.49	83	0.06	3.32	84	5.8		
97078		0.14	0.13	31	0.08	4.13	1500	2.6		
97079		0.47	0.08	57	<0.05	3.41	455	1.8		
97080		0.09	0.20	22	0.05	3.54	234	3.5		
97081		0.02	0.13	15	0.06	3.25	126	1.6		
97082		0.02	0.13	14	<0.05	3.14	75	1.9		
97083		0.02	0.12	15	0.05	3.69	42	1.9		
97084		0.06	0.11	19	<0.05	3.79	41	2.1		
97085		0.42	0.91	55	0.08	8.95	1455	19.4		
97086		0.05	0.79	51	0.12	6.35	76	9.1		
97087		0.67	0.17	66	0.05	1.41	90	2.4		
97088		0.51	0.22	63	0.07	1.45	89	2.6		
97089		0.41	0.06	62	0.17	1.15	81	1.2		89.8
97090		0.18	<0.05	58	0.23	0.60	37	<0.5	87.5	92.6

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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 OAKVILLE ON L6J 7J9

Page: 3 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365239**

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Recvd Wt. kg	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm
		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
97091		2.31	0.13	2.70	1.9	<0.02	<10	120	<0.05	0.45	0.18	0.01	4.65	51.4	1085	2.47
97092		2.28	0.05	2.63	1.6	<0.02	<10	60	<0.05	0.19	0.16	<0.01	1.96	54.6	1215	1.36
97093		5.18	0.03	2.52	0.2	<0.02	<10	<10	<0.05	0.14	0.41	0.01	0.77	57.4	1265	0.18
97094		4.71	0.07	2.19	0.4	<0.02	<10	10	<0.05	0.34	0.23	0.01	1.08	62.3	1375	0.31
97095		<0.02	0.07	2.22	0.4	<0.02	<10	10	<0.05	0.31	0.23	0.01	1.01	62.4	1390	0.34
97096		4.94	0.03	2.26	1.5	<0.02	<10	50	<0.05	0.20	0.80	0.01	2.56	55.2	1310	1.11
97097		4.97	0.05	2.55	0.2	<0.02	<10	400	0.13	0.19	0.38	0.01	18.15	51.1	1120	8.05
97098		4.90	0.02	2.41	0.5	<0.02	<10	<10	<0.05	0.13	0.47	0.01	1.41	53.0	1505	0.31
97099		4.87	0.01	2.34	0.3	<0.02	<10	<10	<0.05	0.17	0.28	0.01	0.53	54.1	1565	0.31
97100		4.66	0.01	2.52	1.2	<0.02	<10	<10	<0.05	0.13	0.66	0.01	0.95	49.1	1485	0.40

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Page: 3 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365239
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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	
	Units LOD	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
97091		44.4	3.48	7.04	0.12	0.02	<0.01	0.005	0.48	2.1	17.1	4.35	263	0.08	0.02	<0.05
97092		51.3	3.42	6.77	0.09	<0.02	<0.01	0.005	0.24	1.0	14.9	4.26	260	0.13	0.01	<0.05
97093		82.3	3.67	5.60	0.10	<0.02	<0.01	0.008	0.01	0.5	4.0	4.37	242	0.08	0.01	<0.05
97094		120.5	3.17	5.75	0.10	<0.02	<0.01	0.008	0.04	0.6	3.9	3.99	173	0.11	0.01	<0.05
97095		119.5	3.21	5.73	0.09	<0.02	<0.01	0.009	0.04	0.5	4.0	4.06	175	0.11	0.01	<0.05
97096		106.5	3.26	5.32	0.09	<0.02	<0.01	0.007	0.21	1.3	5.7	4.40	252	0.08	0.01	<0.05
97097		67.3	3.50	7.41	0.11	0.03	<0.01	0.007	1.62	8.7	24.9	4.62	235	0.08	0.02	<0.05
97098		70.9	3.85	5.87	0.11	<0.02	<0.01	0.010	0.02	0.8	2.0	4.81	245	0.18	0.01	<0.05
97099		67.1	3.78	5.97	0.05	<0.02	<0.01	0.011	0.01	0.3	1.5	4.77	215	0.05	<0.01	<0.05
97100		42.8	4.11	5.70	0.05	<0.02	<0.01	0.011	0.01	0.5	1.7	5.12	307	0.05	<0.01	<0.05

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 OAKVILLE ON L6J 7J9

Page: 3 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365239**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
97091		617	260	10.8	24.8	<0.001	0.23	<0.05	3.1	0.4	<0.2	6.8	<0.01	0.05	0.4	0.065
97092		721	140	1.7	12.3	<0.001	0.27	<0.05	1.7	0.2	<0.2	4.5	<0.01	0.07	<0.2	0.053
97093		739	100	0.3	0.4	<0.001	0.58	<0.05	1.8	0.2	<0.2	15.3	<0.01	0.05	<0.2	0.026
97094		910	100	5.3	1.8	<0.001	0.53	<0.05	1.6	0.5	<0.2	10.7	<0.01	0.11	<0.2	0.026
97095		918	100	4.6	2.0	<0.001	0.53	<0.05	1.6	0.5	<0.2	10.5	<0.01	0.08	<0.2	0.026
97096		908	220	0.7	9.8	<0.001	0.51	<0.05	1.8	0.3	<0.2	51.4	<0.01	0.08	0.2	0.032
97097		703	550	4.3	77.5	<0.001	0.25	<0.05	1.8	0.3	<0.2	22.1	<0.01	0.04	1.0	0.099
97098		714	110	0.4	0.9	<0.001	0.25	<0.05	2.1	<0.2	<0.2	30.0	<0.01	0.04	<0.2	0.024
97099		768	70	0.4	0.5	<0.001	0.21	<0.05	2.1	0.3	<0.2	19.6	<0.01	0.03	<0.2	0.023
97100		647	100	0.6	0.6	<0.001	0.12	<0.05	2.3	0.2	<0.2	51.0	<0.01	0.02	<0.2	0.025

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Page: 3 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
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<b>CERTIFICATE OF ANALYSIS SD22365239</b>
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Sample Description	Method Analyte Units LOD	ME-MS41 TI ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
97091		0.19	0.10	62	0.20	0.96	38	0.6		
97092		0.10	0.05	56	0.19	0.67	52	<0.5		
97093		0.02	<0.05	71	<0.05	0.59	31	<0.5		
97094		0.03	0.05	59	<0.05	0.49	29	<0.5		
97095		0.03	0.06	60	<0.05	0.48	29	<0.5		
97096		0.10	0.06	66	<0.05	0.91	30	<0.5		
97097		0.59	0.22	68	0.20	1.76	42	1.3		
97098		0.02	<0.05	96	0.22	0.79	33	<0.5		
97099		<0.02	<0.05	94	0.75	0.79	33	<0.5		
97100		<0.02	<0.05	98	0.41	1.14	35	<0.5		

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Page: Appendix 1  
 Total # Appendix Pages: 1  
 Finalized Date: 17-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365239**

	<b>CERTIFICATE COMMENTS</b>												
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).            ME-MS41</p>												
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-22</td> <td style="width: 15%;">LOG-22d</td> </tr> <tr> <td>PUL-31</td> <td>PUL-31d</td> <td>PUL-QC</td> <td>SPL-21</td> </tr> <tr> <td>SPL-21d</td> <td>WEI-21</td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-22	LOG-22d	PUL-31	PUL-31d	PUL-QC	SPL-21	SPL-21d	WEI-21		
CRU-31	CRU-QC	LOG-22	LOG-22d										
PUL-31	PUL-31d	PUL-QC	SPL-21										
SPL-21d	WEI-21												
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.            ME-MS41</p>												



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Page: 1  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 16-JAN-2023  
 This copy reported on  
 18-JAN-2023  
 Account: MINMAN

**SD22365254**

Project: LAL-VIC 2022 DDH  
 P.O. No.: BATCH 16  
 This report is for 50 samples of 1/2 Core submitted to our lab in Sudbury, ON,  
 Canada on 19-DEC-2022.

The following have access to data associated with this certificate:

SAHIL ALURKAR  
 FRANCIS NEWTON

FRANCIS NEWTON  
 BRIAN NEWTON

BRIAN NEWTON  
 ACCESS WEBTRIEVE

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS41	Ultra Trace Aqua Regia ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**

Saa Traxler, Director, North Vancouver Operations



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Page: 2 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
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Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365254**

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Units		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
LOD		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
97201		4.60	0.08	3.95	0.2	<0.02	<10	850	0.22	0.32	1.21	0.02	1.94	59.6	1350	21.2
97202		0.63	<0.01	0.04	<0.1	<0.02	<10	20	<0.05	0.01	>25.0	0.01	1.27	3.5	7	0.11
97203		5.10	0.06	2.39	<0.1	<0.02	<10	20	<0.05	0.29	0.98	0.02	1.02	55.8	1215	0.85
97204		5.15	0.06	3.80	1.7	<0.02	<10	100	<0.05	0.21	0.38	0.03	0.90	59.4	1495	4.96
97205		4.77	0.03	2.62	0.1	<0.02	<10	10	<0.05	0.13	0.70	0.02	0.85	50.9	1190	0.78
97206		3.74	0.03	1.88	0.3	<0.02	<10	20	<0.05	0.20	1.58	0.02	1.02	44.6	1055	0.35
97207		3.14	0.03	2.46	0.5	<0.02	<10	20	<0.05	0.13	0.87	0.02	1.04	49.8	1185	0.82
97208		4.37	0.03	3.57	0.5	<0.02	<10	1120	0.18	0.13	0.99	0.02	11.40	55.7	1090	25.5
97209		2.96	0.05	2.71	<0.1	<0.02	<10	40	<0.05	0.20	1.96	0.03	1.10	59.2	1230	1.36
97210		3.25	0.03	1.77	<0.1	<0.02	<10	20	<0.05	0.30	1.90	0.03	1.50	54.7	1010	0.29
97211		4.27	0.02	2.49	0.3	<0.02	<10	720	0.27	0.11	1.33	0.03	36.7	40.2	735	13.95
97212		<0.02	0.02	2.45	0.4	<0.02	<10	710	0.26	0.10	1.35	0.03	33.7	36.4	723	12.60
97213		4.65	0.01	1.66	0.6	<0.02	<10	840	0.27	0.07	1.14	0.02	34.6	24.1	454	7.27
97214		1.59	0.01	1.41	0.1	<0.02	<10	290	0.53	0.11	2.20	0.04	46.1	16.9	224	6.12
97215		1.82	0.01	1.34	0.1	<0.02	<10	200	0.59	0.12	2.38	0.04	53.0	17.4	207	5.11
97216		2.44	0.03	3.44	<0.1	<0.02	<10	520	0.18	0.19	0.71	0.03	7.61	59.3	921	24.2
97217		4.04	0.02	1.57	<0.1	<0.02	<10	60	<0.05	0.43	5.37	0.07	1.76	62.6	1040	3.73
97218		4.15	0.01	1.39	<0.1	<0.02	<10	50	<0.05	0.36	5.92	0.07	1.15	59.2	954	1.84
97219		2.55	0.04	1.67	0.2	<0.02	<10	50	<0.05	0.35	6.60	0.11	2.48	57.6	958	1.02
97220		1.58	0.08	1.74	0.1	<0.02	<10	40	<0.05	0.53	2.35	<0.05	1.40	74.4	1050	0.88
97221		3.69	0.05	2.96	0.4	<0.02	<10	460	0.16	0.28	0.28	0.02	2.74	59.7	1260	21.7
97222		0.40	<0.01	0.03	<0.1	<0.02	<10	10	<0.05	0.01	>25.0	0.01	1.08	0.9	7	0.09
97223		6.01	0.12	2.67	7.2	<0.02	<10	450	0.21	0.64	0.81	0.02	1.96	60.5	1140	16.60
97224		5.33	0.01	2.59	6.5	<0.02	<10	880	0.36	0.18	0.24	0.01	1.92	50.0	1155	18.50
97225		3.11	0.15	3.17	0.5	<0.02	<10	580	0.42	0.48	0.21	0.02	0.38	64.3	1335	23.1
97226		4.78	0.10	2.55	0.5	<0.02	<10	180	0.20	0.54	1.70	0.02	1.14	65.7	1160	5.97
97227		4.89	0.07	2.73	0.6	<0.02	<10	590	0.19	0.44	0.49	0.01	14.35	56.5	898	9.73
97228		4.99	0.03	1.86	<0.1	<0.02	<10	10	<0.05	0.41	1.90	0.02	2.57	49.6	1010	0.23
97229		4.47	0.02	2.04	<0.1	<0.02	<10	10	<0.05	0.28	1.00	0.01	1.18	54.8	1035	0.27
97230		2.22	0.04	4.46	0.6	<0.02	<10	1260	0.27	0.27	1.22	0.01	44.5	62.4	890	20.6
97231		4.93	0.03	2.06	1.3	<0.02	<10	10	<0.05	0.31	0.41	0.01	0.83	51.5	944	0.31
97232		3.28	0.04	3.10	0.8	<0.02	<10	640	0.21	0.28	1.09	0.01	10.35	51.9	869	9.96
97233		3.33	0.04	2.94	1.0	<0.02	<10	780	0.18	0.26	0.31	<0.01	10.75	46.4	990	11.50
97234		1.67	0.01	1.42	0.1	<0.02	<10	580	0.35	0.07	1.11	0.01	64.7	17.2	183	2.23
97235		4.15	0.12	1.30	0.1	<0.02	<10	240	0.22	0.15	1.69	0.04	64.9	30.9	152	1.38
97236		4.05	0.15	1.03	0.1	<0.02	<10	140	0.22	0.43	1.34	0.90	65.6	32.9	243	1.22
97237		3.76	0.08	1.87	<0.1	<0.02	<10	150	0.26	0.19	0.45	0.04	66.2	28.4	295	3.80
97238		4.06	0.11	1.62	0.1	<0.02	<10	150	0.28	0.21	0.84	0.03	53.6	27.7	223	3.37
97239		4.52	0.13	0.64	<0.1	<0.02	<10	190	0.15	0.21	0.49	0.06	50.5	22.4	224	1.16
97240		2.73	0.15	0.52	<0.1	<0.02	<10	140	0.13	0.41	0.70	0.10	53.5	18.2	108	0.99



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 16-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365254**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
97201		35.0	5.36	8.89	0.21	0.02	<0.01	0.009	2.76	1.1	50.7	7.38	487	0.17	0.06	<0.05
97202		5.7	0.13	0.12	<0.05	<0.02	<0.01	<0.005	0.02	1.6	0.5	0.94	108	0.07	0.01	<0.05
97203		99.9	3.34	5.66	0.14	<0.02	<0.01	0.007	0.02	0.5	8.0	4.69	267	0.12	0.02	<0.05
97204		103.0	5.15	6.92	0.15	<0.02	<0.01	0.008	0.43	0.4	21.7	6.91	320	0.08	0.03	<0.05
97205		77.0	3.36	6.25	0.08	<0.02	<0.01	0.007	0.02	0.4	8.5	5.02	287	0.05	0.01	<0.05
97206		85.2	2.62	4.35	0.07	<0.02	<0.01	0.005	0.01	0.5	5.1	3.91	330	<0.05	0.01	<0.05
97207		82.9	3.20	5.97	0.07	<0.02	<0.01	0.007	0.05	0.5	7.0	4.83	307	0.05	0.01	<0.05
97208		37.6	5.03	8.76	0.11	0.03	<0.01	0.006	3.48	5.3	58.0	6.69	428	0.07	0.05	<0.05
97209		124.0	3.75	6.33	0.09	<0.02	<0.01	0.009	0.08	0.5	9.0	5.18	406	0.05	0.01	<0.05
97210		108.0	2.73	4.62	0.07	<0.02	<0.01	0.007	0.01	0.7	5.4	3.75	391	0.06	0.01	<0.05
97211		36.4	3.67	6.78	0.12	0.15	<0.01	0.010	1.55	17.2	33.5	4.45	358	0.06	0.12	<0.05
97212		30.6	3.63	5.87	0.11	0.14	<0.01	0.010	1.52	15.9	33.1	4.38	361	0.07	0.11	<0.05
97213		1.9	2.23	4.87	0.12	0.13	<0.01	0.006	1.35	16.4	30.8	2.84	266	<0.05	0.11	<0.05
97214		3.2	2.33	4.07	0.15	0.26	<0.01	0.012	0.74	21.9	18.1	2.12	395	0.06	0.27	<0.05
97215		3.5	2.24	4.20	0.16	0.30	<0.01	0.014	0.51	25.4	12.9	2.04	403	0.07	0.32	0.05
97216		48.4	4.75	9.50	0.13	0.04	<0.01	0.006	2.20	4.1	60.5	7.69	312	0.06	0.08	<0.05
97217		55.9	3.74	3.94	0.09	<0.02	<0.01	0.005	0.13	0.9	8.9	5.03	795	0.40	0.01	<0.05
97218		46.0	3.54	3.44	0.07	<0.02	<0.01	<0.005	0.06	0.5	9.4	5.27	809	0.11	0.01	<0.05
97219		67.5	3.58	4.27	0.09	<0.02	<0.01	0.005	0.03	1.1	10.2	5.84	1035	0.13	0.01	<0.05
97220		145.0	3.90	4.63	0.09	<0.02	<0.01	0.006	0.03	0.7	12.1	4.18	452	0.30	0.02	<0.05
97221		54.0	4.06	8.59	0.14	0.02	<0.01	<0.005	1.93	1.3	50.7	6.58	249	0.11	0.07	<0.05
97222		6.0	0.11	0.08	<0.05	<0.02	<0.01	<0.005	0.01	1.2	0.6	0.74	94	0.07	<0.01	<0.05
97223		73.3	3.79	8.73	0.11	0.02	<0.01	0.005	1.95	1.0	40.0	5.46	279	0.15	0.04	<0.05
97224		14.4	3.41	12.05	0.11	0.02	<0.01	<0.005	2.67	0.9	60.2	5.57	215	10.20	0.05	<0.05
97225		86.9	4.38	8.28	0.15	<0.02	<0.01	0.007	3.71	0.2	75.5	5.99	269	5.65	0.05	<0.05
97226		44.8	4.39	6.17	0.11	<0.02	<0.01	0.008	1.33	0.6	29.2	5.12	427	0.17	0.01	<0.05
97227		38.2	3.64	7.80	0.12	0.04	<0.01	0.010	1.90	6.9	39.4	5.04	219	0.11	0.03	<0.05
97228		47.0	2.92	5.35	0.08	<0.02	<0.01	0.010	0.01	1.3	4.6	4.13	386	0.46	<0.01	<0.05
97229		54.2	3.22	4.97	0.08	<0.02	<0.01	0.009	0.02	0.6	5.0	4.02	283	0.09	<0.01	<0.05
97230		37.3	6.05	11.30	0.20	0.04	<0.01	0.013	3.75	20.0	64.8	7.33	456	0.07	0.05	<0.05
97231		44.9	2.74	5.24	0.08	<0.02	<0.01	0.006	0.03	0.4	10.8	3.54	203	0.10	<0.01	<0.05
97232		55.2	4.36	8.07	0.13	0.02	<0.01	0.010	2.10	5.3	46.2	5.07	421	0.06	0.03	<0.05
97233		37.5	3.79	8.54	0.11	0.03	<0.01	0.006	2.54	5.4	56.6	4.98	301	0.06	0.03	<0.05
97234		15.8	2.36	5.35	0.14	0.19	<0.01	0.018	0.49	31.9	19.6	1.90	309	1.35	0.14	0.05
97235		168.0	4.02	5.09	0.16	0.22	<0.01	0.019	0.51	31.2	20.3	1.43	406	1.91	0.08	0.07
97236		123.5	4.16	6.07	0.12	0.36	<0.01	0.099	0.56	35.0	18.1	1.32	353	4.06	0.06	0.14
97237		69.4	4.57	11.15	0.17	0.32	<0.01	0.040	1.43	33.0	25.8	2.06	469	3.30	0.06	0.21
97238		111.5	4.51	8.48	0.10	0.29	<0.01	0.029	1.41	26.5	24.1	1.69	363	2.24	0.06	0.16
97239		119.0	2.74	3.48	0.08	0.36	<0.01	0.010	0.40	26.5	9.3	0.73	149	3.99	0.05	0.17
97240		68.8	2.40	3.18	0.07	0.45	<0.01	0.009	0.35	27.8	4.2	0.54	150	3.40	0.06	0.24



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
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Page: 2 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 16-JAN-2023  
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Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365254**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
97201		603	140	7.1	134.5	<0.001	0.04	<0.05	3.1	0.2	<0.2	230	<0.01	0.02	<0.2	0.176
97202		7.4	60	0.3	0.8	<0.001	0.01	<0.05	0.5	0.8	<0.2	87.3	<0.01	<0.01	<0.2	<0.005
97203		789	130	3.7	1.7	<0.001	0.40	<0.05	1.7	0.4	<0.2	165.5	<0.01	0.03	<0.2	0.026
97204		756	140	5.1	21.1	0.001	0.10	<0.05	2.1	0.3	<0.2	50.3	<0.01	0.01	<0.2	0.061
97205		644	130	0.6	1.4	<0.001	0.19	<0.05	1.6	0.3	<0.2	104.0	<0.01	0.02	<0.2	0.028
97206		736	90	1.0	0.6	<0.001	0.25	<0.05	0.9	0.2	<0.2	258	<0.01	0.03	<0.2	0.020
97207		691	130	1.5	2.9	<0.001	0.18	<0.05	1.3	0.2	<0.2	152.0	<0.01	0.03	<0.2	0.031
97208		532	490	3.0	168.5	<0.001	0.01	<0.05	2.5	0.2	<0.2	195.5	<0.01	0.02	0.7	0.194
97209		746	140	2.2	4.7	<0.001	0.41	0.05	1.6	0.5	<0.2	251	<0.01	0.04	<0.2	0.026
97210		954	60	1.6	0.6	<0.001	0.47	<0.05	1.0	0.4	<0.2	230	<0.01	0.07	<0.2	0.017
97211		401	1060	2.6	80.8	<0.001	0.05	<0.05	6.2	<0.2	0.2	188.0	<0.01	0.01	2.3	0.122
97212		390	1070	2.3	73.2	<0.001	0.06	<0.05	5.7	<0.2	<0.2	187.5	<0.01	0.01	2.2	0.124
97213		221	1150	2.2	63.6	<0.001	<0.01	<0.05	2.8	<0.2	<0.2	131.0	<0.01	<0.01	1.7	0.124
97214		78.5	1820	3.4	40.1	<0.001	<0.01	<0.05	7.9	<0.2	0.3	226	<0.01	0.01	3.5	0.120
97215		73.1	1950	3.4	33.8	<0.001	<0.01	<0.05	8.6	<0.2	0.4	228	<0.01	0.01	3.7	0.122
97216		816	550	2.3	113.5	<0.001	0.14	<0.05	3.7	0.2	<0.2	143.5	<0.01	0.04	0.9	0.116
97217		1055	50	3.6	7.9	<0.001	0.98	<0.05	2.8	0.3	<0.2	926	<0.01	0.10	<0.2	0.011
97218		1070	30	3.7	4.0	<0.001	0.93	<0.05	3.0	0.4	<0.2	1285	<0.01	0.12	<0.2	0.009
97219		879	140	6.0	2.2	<0.001	0.78	<0.05	2.6	0.5	<0.2	1330	<0.01	0.08	<0.2	0.010
97220		1165	30	4.0	2.1	<0.001	1.22	<0.05	1.2	0.7	<0.2	544	<0.01	0.11	<0.2	0.011
97221		822	210	3.2	98.3	0.001	0.17	<0.05	2.8	0.2	<0.2	59.0	<0.01	0.07	0.6	0.097
97222		4.1	70	0.4	0.4	<0.001	<0.01	0.05	0.2	0.6	<0.2	78.1	<0.01	<0.01	<0.2	<0.005
97223		842	120	8.5	88.0	<0.001	0.55	<0.05	1.4	0.4	<0.2	146.5	<0.01	0.06	0.2	0.103
97224		676	60	0.9	119.5	0.004	0.19	<0.05	1.1	0.2	<0.2	38.3	<0.01	0.03	0.2	0.141
97225		787	130	6.8	158.5	0.002	0.45	<0.05	2.0	0.5	0.2	26.0	<0.01	0.10	<0.2	0.178
97226		982	100	6.6	48.9	<0.001	1.18	<0.05	1.5	0.5	<0.2	374	<0.01	0.13	<0.2	0.086
97227		855	470	4.0	77.2	<0.001	0.43	0.05	5.3	0.4	<0.2	70.2	<0.01	0.09	1.0	0.109
97228		779	120	1.4	0.6	<0.001	0.47	0.06	2.2	0.2	<0.2	216	<0.01	0.09	0.2	0.019
97229		811	90	0.6	0.9	<0.001	0.57	<0.05	1.7	0.2	<0.2	111.0	<0.01	0.08	<0.2	0.020
97230		505	1630	3.3	153.0	<0.001	0.22	0.05	18.2	0.2	0.2	184.0	<0.01	0.05	3.2	0.228
97231		715	120	1.3	1.4	<0.001	0.44	0.05	0.9	0.3	<0.2	48.5	<0.01	0.06	<0.2	0.025
97232		548	440	3.7	84.0	<0.001	0.29	<0.05	5.5	0.3	0.2	151.5	<0.01	0.05	0.6	0.167
97233		595	380	3.2	97.1	<0.001	0.14	<0.05	3.5	0.2	<0.2	20.6	<0.01	0.04	1.2	0.184
97234		72.2	1160	4.6	18.6	<0.001	0.03	<0.05	5.6	<0.2	0.6	71.3	<0.01	0.01	4.4	0.142
97235		57.7	1970	5.8	22.7	<0.001	1.05	<0.05	5.6	1.0	0.6	46.0	<0.01	0.04	4.7	0.187
97236		127.5	890	11.8	28.8	0.003	1.76	<0.05	8.6	1.0	0.8	29.5	<0.01	0.06	5.6	0.174
97237		134.0	870	9.4	97.5	0.001	0.97	<0.05	13.7	0.4	0.8	10.9	<0.01	0.05	6.4	0.259
97238		104.0	910	4.0	71.7	0.001	1.08	<0.05	9.9	0.7	0.8	20.8	<0.01	0.06	5.7	0.255
97239		89.0	770	10.8	20.0	0.001	1.08	<0.05	1.7	0.8	0.6	15.0	<0.01	0.05	6.3	0.162
97240		69.0	650	27.5	20.0	0.001	0.89	<0.05	2.1	0.5	0.4	30.3	<0.01	0.06	6.6	0.147



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To: MINROC MANAGEMENT LTD.  
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Page: 2 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
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**CERTIFICATE OF ANALYSIS SD22365254**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	CRU-QC	PUL-QC
		Tl	U	V	W	Y	Zn	Zr	Pass2mm	Pass75um
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.02	0.05	1	0.05	0.05	2	0.5	0.01	0.01
97201		1.02	0.05	109	0.18	2.49	52	0.7	71.8	90.5
97202		<0.02	0.10	<1	<0.05	2.43	3	<0.5		
97203		0.03	<0.05	66	0.26	1.74	28	<0.5		89.2
97204		0.17	<0.05	125	0.49	1.63	45	<0.5		
97205		<0.02	<0.05	74	0.53	1.51	31	<0.5		
97206		<0.02	<0.05	50	0.43	1.74	24	<0.5		
97207		0.02	0.05	66	0.22	1.20	31	0.5		
97208		1.19	0.09	98	0.11	2.65	51	1.0		
97209		0.04	<0.05	76	0.22	1.72	33	<0.5		
97210		<0.02	<0.05	44	0.11	2.08	22	<0.5		
97211		0.58	0.50	78	0.09	5.03	47	5.8		
97212		0.54	0.46	77	0.12	4.52	46	5.2		
97213		0.47	0.31	42	0.08	2.86	37	4.4		
97214		0.29	0.58	63	0.08	6.24	32	7.7		
97215		0.24	0.65	60	0.09	7.15	32	9.2		
97216		0.84	0.44	82	0.06	2.46	55	1.7		
97217		0.09	<0.05	50	0.11	3.57	24	<0.5		
97218		0.06	<0.05	45	0.21	3.73	21	<0.5		
97219		0.04	<0.05	49	0.23	4.71	24	<0.5		
97220		0.03	<0.05	43	0.09	2.10	26	<0.5		
97221		0.78	0.36	71	0.05	1.02	46	0.8		
97222		<0.02	0.09	1	<0.05	2.59	4	<0.5		
97223		0.66	0.06	62	0.05	0.98	47	0.5		
97224		0.90	0.09	62	0.13	0.67	50	0.8		
97225		1.20	0.07	83	0.09	0.69	40	<0.5		
97226		0.38	<0.05	80	0.09	1.58	35	<0.5		
97227		0.57	0.36	72	0.13	2.91	47	2.2		
97228		<0.02	0.06	59	0.40	1.90	26	<0.5		
97229		<0.02	0.05	60	0.41	1.17	27	<0.5		
97230		1.12	0.48	149	0.27	8.09	67	1.6		
97231		0.02	0.05	44	0.25	0.69	26	<0.5		
97232		0.62	0.15	97	0.33	3.25	47	0.5		
97233		0.71	0.27	73	0.08	1.70	54	1.4		
97234		0.14	0.56	53	0.09	4.59	70	6.0		
97235		0.25	0.84	74	0.06	9.52	69	8.7		
97236		0.34	0.90	85	0.10	6.53	385	13.3		
97237		1.04	1.24	125	0.13	8.06	97	12.7		
97238		0.79	1.15	103	0.12	7.03	93	12.0		
97239		0.22	1.18	44	0.20	5.54	42	13.6		
97240		0.16	1.39	42	0.22	5.57	49	16.0	70.3	92.9





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 OAKVILLE ON L6J 7J9

Page: 3 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 16-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365254
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Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	ME-MS41 Ag ppm	ME-MS41 Al %	ME-MS41 As ppm	ME-MS41 Au ppm	ME-MS41 B ppm	ME-MS41 Ba ppm	ME-MS41 Be ppm	ME-MS41 Bi ppm	ME-MS41 Ca %	ME-MS41 Cd ppm	ME-MS41 Ce ppm	ME-MS41 Co ppm	ME-MS41 Cr ppm	ME-MS41 Cs ppm
		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
97241		2.26	0.08	0.77	0.9	<0.02	<10	210	0.16	0.10	0.74	0.06	50.7	16.0	145	0.81
97242		1.82	0.06	0.76	0.1	<0.02	<10	210	0.15	0.11	0.51	0.07	59.4	17.5	152	0.99
97243		2.95	0.12	1.15	<0.1	<0.02	<10	290	0.14	0.19	0.37	0.29	60.1	20.4	163	1.18
97244		3.18	0.07	1.95	0.1	<0.02	<10	550	0.21	0.14	0.27	0.24	43.1	23.0	179	2.40
97245		<0.02	0.07	1.97	0.2	<0.02	<10	540	0.21	0.13	0.27	0.22	44.1	22.6	181	2.45
97246		2.13	0.09	2.02	<0.1	<0.02	<10	440	0.14	0.25	0.19	0.28	41.2	21.2	187	3.04
97247		4.94	0.10	2.50	0.1	<0.02	<10	460	0.28	0.18	0.22	0.41	42.0	25.6	187	3.65
97248		3.02	0.08	2.22	<0.1	<0.02	<10	380	0.12	0.22	0.19	0.11	47.5	21.5	165	4.08
97249		3.00	0.08	2.12	<0.1	<0.02	<10	470	0.10	0.16	0.21	0.13	49.3	20.5	168	4.39
97250		2.23	0.09	2.00	<0.1	<0.02	<10	610	0.09	0.15	0.20	0.08	60.4	21.2	180	4.24

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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Page: 3 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 16-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

<b>CERTIFICATE OF ANALYSIS SD22365254</b>
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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units LOD	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
97241		74.5	2.40	4.12	0.14	0.21	<0.01	0.010	0.39	25.9	6.3	0.77	226	2.27	0.06	0.15
97242		63.0	2.27	4.86	0.17	0.27	<0.01	0.011	0.41	30.5	6.1	0.75	196	2.66	0.07	0.20
97243		62.1	3.14	7.28	0.21	0.25	<0.01	0.026	0.42	30.6	7.1	1.19	338	2.67	0.07	0.20
97244		49.8	3.91	12.10	0.25	0.21	<0.01	0.037	1.10	20.8	18.9	1.67	469	2.67	0.06	0.34
97245		51.6	3.89	12.10	0.28	0.21	<0.01	0.040	1.10	21.5	19.4	1.66	475	2.36	0.06	0.29
97246		48.0	3.69	10.50	0.24	0.16	0.01	0.034	1.38	20.3	26.5	1.48	416	1.73	0.05	0.31
97247		55.9	4.36	13.50	0.28	0.15	<0.01	0.042	1.48	20.2	34.0	1.85	392	11.25	0.05	0.26
97248		49.8	3.53	10.30	0.23	0.17	<0.01	0.027	1.62	23.6	22.0	1.51	387	2.24	0.06	0.22
97249		45.7	3.55	10.40	0.29	0.17	<0.01	0.032	1.55	23.0	20.5	1.67	399	1.80	0.05	0.26
97250		66.3	3.60	9.15	0.27	0.18	<0.01	0.025	1.55	30.2	21.2	1.61	402	1.42	0.05	0.24

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 OAKVILLE ON L6J 7J9

Page: 3 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 16-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

<b>CERTIFICATE OF ANALYSIS SD22365254</b>
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Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
97241		47.3	860	7.5	20.4	<0.001	0.58	0.06	2.2	0.4	0.4	24.9	<0.01	0.03	5.1	0.154
97242		59.6	660	7.1	24.3	0.001	0.55	<0.05	2.3	0.4	0.4	26.1	<0.01	0.04	6.8	0.163
97243		62.8	410	24.8	17.2	0.001	0.55	<0.05	6.2	0.7	0.5	15.5	<0.01	0.04	7.8	0.190
97244		85.6	530	7.5	45.9	0.001	0.27	<0.05	15.0	0.4	1.0	8.4	0.01	0.04	7.1	0.278
97245		83.9	530	7.0	47.4	0.001	0.26	<0.05	14.8	0.4	1.0	8.5	0.01	0.03	7.2	0.280
97246		75.6	500	5.5	54.6	0.001	0.35	<0.05	13.6	0.3	0.8	7.0	0.01	0.05	7.3	0.256
97247		100.0	530	9.7	62.7	0.001	0.25	<0.05	15.8	0.3	1.0	7.4	0.01	0.04	6.8	0.273
97248		77.0	520	6.7	69.3	0.001	0.26	<0.05	12.0	0.4	0.7	8.6	<0.01	0.05	7.5	0.248
97249		72.1	560	9.2	63.1	0.001	0.27	<0.05	13.7	0.3	0.8	10.1	<0.01	0.03	6.6	0.247
97250		69.0	560	8.4	66.3	0.001	0.33	<0.05	12.4	0.4	0.6	15.1	0.01	0.03	7.9	0.252



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Page: 3 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 16-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365254
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Sample Description	Method Analyte Units LOD	ME-MS41 TI ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
97241		0.15	0.97	49	0.11	4.90	49	7.2	85.2	
97242		0.20	1.50	49	0.14	5.93	46	10.2		
97243		0.13	1.94	67	0.17	8.11	96	8.9		
97244		0.33	1.68	102	0.24	10.00	99	8.0		
97245		0.32	1.66	102	0.24	10.40	98	7.6		
97246		0.38	1.75	93	0.11	7.62	95	5.5		
97247		0.43	1.61	109	0.19	8.97	110	5.7		
97248		0.44	2.00	82	0.11	7.15	87	6.5		
97249		0.40	1.64	91	0.10	9.20	91	6.7		
97250		0.52	2.04	85	0.08	10.35	85	6.4		

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Page: Appendix 1  
 Total # Appendix Pages: 1  
 Finalized Date: 16-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365254**

	<b>CERTIFICATE COMMENTS</b>												
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).            ME-MS41</p>												
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-22</td> <td style="width: 33%;">LOG-22d</td> </tr> <tr> <td>PUL-31</td> <td>PUL-31d</td> <td>PUL-QC</td> <td>SPL-21</td> </tr> <tr> <td>SPL-21d</td> <td>WEI-21</td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-22	LOG-22d	PUL-31	PUL-31d	PUL-QC	SPL-21	SPL-21d	WEI-21		
CRU-31	CRU-QC	LOG-22	LOG-22d										
PUL-31	PUL-31d	PUL-QC	SPL-21										
SPL-21d	WEI-21												
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.            ME-MS41</p>												



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To: **MINROC MANAGEMENT LTD.**  
**2857 SHERWOOD HEIGHTS DRIVE, UNIT 2**  
**OAKVILLE ON L6J 7J9**

Page: 1  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
 This copy reported on  
 18-JAN-2023  
 Account: MINMAN

**SD22365267**

Project: LAL-VIC 2022 DDH  
 P.O. No.: BATCH 19  
 This report is for 50 samples of 1/2 Core submitted to our lab in Sudbury, ON,  
 Canada on 19-DEC-2022.

The following have access to data associated with this certificate:

SAHIL ALURKAR  
 FRANCIS NEWTON

FRANCIS NEWTON  
 BRIAN NEWTON

BRIAN NEWTON  
 ACCESS WEBTRIEVE

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS41	Ultra Trace Aqua Regia ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**

Saa Traxler, Director, North Vancouver Operations



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Page: 2 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365267**

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Units		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
LOD		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
97351		2.91	1.14	0.66	0.3	<0.02	<10	30	0.12	1.94	0.24	4.55	56.6	71.9	29	0.63
97352		0.64	0.01	0.02	0.3	<0.02	<10	20	<0.05	0.01	>25.0	0.03	1.11	1.8	1	<0.05
97353		3.00	0.20	1.75	0.2	<0.02	<10	110	0.15	0.22	0.28	0.06	44.8	23.5	180	2.14
97354		5.00	0.10	3.02	<0.1	<0.02	<10	260	0.19	0.15	0.18	0.04	35.0	27.7	162	4.39
97355		4.85	0.06	3.64	0.1	<0.02	<10	480	0.23	0.14	0.28	0.03	38.6	29.3	272	5.57
97356		3.74	0.12	4.37	1.7	<0.02	<10	440	0.27	0.41	0.25	0.05	29.9	40.3	692	7.49
97357		3.35	0.25	2.40	0.4	<0.02	<10	180	0.24	1.98	0.79	13.45	26.5	36.4	162	3.13
97358		4.48	0.10	2.92	0.1	<0.02	<10	280	0.22	0.22	0.23	0.08	30.0	25.2	173	3.71
97359		4.94	0.08	3.07	0.2	<0.02	<10	340	0.16	0.21	0.20	0.06	27.0	24.1	183	3.32
97360		5.02	0.09	3.10	0.6	<0.02	<10	310	0.22	0.28	0.22	0.05	32.8	25.9	171	3.62
97361		4.30	0.09	2.78	0.3	<0.02	<10	360	0.19	0.24	0.29	0.04	32.3	24.9	175	3.32
97362		<0.02	0.09	2.74	0.1	<0.02	<10	360	0.19	0.23	0.29	0.05	32.7	24.2	175	3.29
97363		4.85	0.09	2.99	0.3	<0.02	<10	340	0.19	0.22	0.14	0.03	31.6	25.7	168	3.40
97364		2.12	0.06	3.14	0.2	<0.02	<10	400	0.22	0.17	0.17	0.02	26.7	23.1	180	3.27
97365		2.21	0.08	3.09	0.3	<0.02	<10	390	0.24	0.20	0.18	0.03	30.1	25.9	189	3.78
97366		2.78	0.09	1.88	0.1	<0.02	<10	390	0.23	0.15	0.21	0.03	33.4	20.1	173	2.89
97367		1.96	0.01	3.36	<0.1	<0.02	<10	820	0.53	0.09	0.91	0.01	121.0	31.1	845	5.29
97368		2.44	0.13	1.94	<0.1	<0.02	<10	350	0.22	0.17	0.25	0.01	49.7	21.8	218	2.94
97369		4.74	0.08	2.69	0.2	<0.02	<10	570	0.25	0.14	0.31	0.01	43.2	28.2	457	4.55
97370		4.98	0.11	1.98	<0.1	<0.02	<10	320	0.33	0.14	0.79	0.02	48.2	24.2	492	3.31
97371		4.53	0.12	2.04	<0.1	<0.02	<10	430	0.16	0.17	0.28	0.01	64.0	21.7	229	3.39
97372		0.68	0.01	0.02	0.1	<0.02	<10	20	<0.05	0.01	>25.0	0.01	1.37	1.6	2	<0.05
97373		4.16	0.11	1.98	<0.1	<0.02	<10	430	0.14	0.19	0.28	0.02	63.3	20.5	236	3.27
97374		4.41	0.10	1.77	<0.1	<0.02	<10	420	0.13	0.18	0.42	0.02	58.1	21.7	161	2.91
97375		4.61	0.06	2.42	<0.1	<0.02	<10	580	0.20	0.10	0.18	0.01	33.6	23.4	187	3.67
97376		2.82	0.07	1.69	0.1	<0.02	<10	450	0.10	0.10	0.18	0.02	59.4	19.4	161	3.12
97377		3.78	0.10	1.88	<0.1	<0.02	<10	580	0.12	0.12	0.20	0.02	59.6	21.8	177	3.29
97378		4.83	0.06	1.08	0.2	<0.02	<10	240	0.18	0.18	1.02	0.03	50.5	16.8	145	1.22
97379		2.97	0.09	1.77	<0.1	<0.02	<10	620	0.10	0.12	0.17	0.01	53.5	19.9	185	2.87
97380		2.57	0.06	1.92	<0.1	<0.02	<10	440	0.08	0.13	0.24	0.03	56.6	19.5	160	2.43
97381		3.10	0.06	1.84	0.4	<0.02	<10	550	0.08	0.09	0.21	0.01	55.7	18.6	166	2.30
97382		3.22	0.06	1.70	<0.1	<0.02	<10	630	0.30	0.26	1.75	0.03	124.5	17.6	189	1.60
97383		2.95	0.04	1.91	0.4	<0.02	<10	740	0.34	0.23	1.86	0.02	119.0	19.9	268	2.23
97384		3.10	0.10	2.16	0.2	<0.02	<10	510	0.30	0.18	0.51	0.02	60.6	22.6	205	3.06
97385		3.39	0.08	2.59	0.1	<0.02	<10	550	0.17	0.17	0.11	0.02	25.9	24.3	194	2.88
97386		4.35	0.06	2.04	<0.1	<0.02	<10	430	0.09	0.12	0.15	0.02	36.0	18.9	169	2.66
97387		4.31	0.04	2.65	<0.1	<0.02	<10	420	0.15	0.10	0.23	0.01	27.8	21.6	244	3.34
97388		4.20	0.06	2.05	0.1	<0.02	<10	420	0.10	0.14	0.14	0.02	26.4	19.8	159	2.74
97389		4.59	0.05	2.04	<0.1	<0.02	<10	460	0.12	0.13	0.32	0.02	29.2	19.9	163	2.53
97390		4.15	0.05	2.67	0.4	<0.02	<10	600	0.20	0.14	0.40	0.02	30.1	26.4	194	3.26

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365267**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
97351		985	18.30	3.83	0.20	0.35	0.01	0.302	0.26	28.9	6.5	0.52	198	4.31	0.04	0.31
97352		6.5	0.14	0.08	<0.05	<0.02	0.01	<0.005	0.01	1.3	0.2	0.62	92	0.11	<0.01	<0.05
97353		69.0	4.13	8.54	0.07	0.21	<0.01	0.024	1.24	21.6	17.1	1.66	521	2.21	0.06	<0.05
97354		51.7	5.43	12.25	0.07	0.15	0.01	0.029	2.21	17.1	27.4	2.18	746	2.14	0.03	0.19
97355		50.5	5.45	15.80	0.12	0.13	0.01	0.054	2.59	19.0	32.4	2.63	674	1.77	0.05	0.22
97356		83.3	6.16	19.85	0.23	0.09	0.01	0.094	3.28	14.8	30.6	4.36	760	2.62	0.04	0.05
97357		178.5	5.49	10.05	0.07	0.10	0.01	0.585	1.56	12.6	16.5	1.73	400	9.02	0.04	0.11
97358		63.9	4.77	11.65	0.08	0.14	0.02	0.044	1.98	14.8	18.4	2.08	427	2.25	0.05	0.16
97359		66.4	4.87	9.08	0.06	0.13	<0.01	0.048	2.08	13.2	17.9	2.15	339	2.23	0.06	0.16
97360		56.5	4.90	9.93	0.07	0.13	<0.01	0.050	2.02	16.5	19.3	2.21	369	2.24	0.05	0.22
97361		64.0	4.48	10.45	0.06	0.13	<0.01	0.046	1.77	16.1	18.2	1.96	343	3.89	0.06	0.20
97362		62.6	4.41	10.30	0.07	0.13	<0.01	0.051	1.78	16.3	17.7	1.94	340	2.81	0.06	0.23
97363		69.1	4.70	10.25	0.08	0.18	<0.01	0.042	1.89	15.9	17.6	2.12	325	1.63	0.06	0.22
97364		70.4	4.72	9.04	0.07	0.17	<0.01	0.038	2.08	12.9	21.3	2.19	319	4.37	0.07	0.16
97365		83.1	4.68	10.75	0.10	0.19	<0.01	0.045	2.04	14.7	22.0	2.19	326	6.92	0.07	0.23
97366		87.7	3.47	9.71	0.07	0.21	<0.01	0.029	1.38	16.3	14.5	1.74	303	2.46	0.07	0.25
97367		3.5	3.72	12.15	0.27	0.28	<0.01	0.028	2.78	53.9	24.0	4.38	315	0.19	0.04	0.14
97368		116.0	3.76	9.28	0.08	0.25	0.01	0.023	1.48	23.9	13.8	1.94	304	4.44	0.07	0.25
97369		59.8	4.41	12.60	0.11	0.25	<0.01	0.027	2.25	21.3	23.8	2.88	417	2.99	0.05	0.27
97370		74.9	3.45	8.66	0.10	0.26	0.01	0.027	1.44	24.0	18.0	2.45	356	1.38	0.04	0.16
97371		115.5	3.96	9.57	0.10	0.28	0.01	0.023	1.79	32.4	16.7	2.11	344	0.43	0.06	0.34
97372		4.2	0.11	0.11	<0.05	<0.02	<0.01	<0.005	0.01	1.5	0.3	1.06	110	0.06	<0.01	<0.05
97373		122.0	4.11	8.72	0.08	0.22	0.01	0.022	1.72	32.0	16.4	2.00	369	0.36	0.06	0.31
97374		81.4	3.73	9.02	0.09	0.23	0.01	0.026	1.48	29.1	15.0	1.63	421	1.34	0.06	0.23
97375		62.5	4.23	13.50	0.08	0.20	0.01	0.037	1.90	16.8	25.2	1.79	475	5.65	0.06	0.42
97376		51.2	3.39	9.25	0.11	0.23	<0.01	0.032	1.46	30.0	16.3	1.43	451	0.43	0.06	0.21
97377		72.9	3.86	9.67	0.11	0.27	<0.01	0.033	1.69	29.8	16.8	1.74	433	0.30	0.07	0.24
97378		58.9	2.14	4.79	0.13	0.19	<0.01	0.014	0.64	24.7	12.0	1.28	283	0.14	0.07	0.10
97379		80.2	3.71	8.85	0.08	0.25	<0.01	0.028	1.58	27.0	17.3	1.61	421	0.25	0.06	0.23
97380		62.8	3.47	9.73	0.11	0.21	<0.01	0.029	1.55	28.9	19.1	1.45	437	1.22	0.07	0.37
97381		58.5	3.44	9.33	0.08	0.21	<0.01	0.029	1.55	28.7	17.0	1.42	451	0.58	0.06	0.25
97382		78.0	2.81	6.61	0.19	0.35	<0.01	0.020	1.18	64.5	15.8	1.76	383	0.14	0.07	0.18
97383		41.8	3.09	7.42	0.17	0.42	<0.01	0.020	1.35	58.1	16.1	2.07	445	0.10	0.07	0.15
97384		92.1	4.28	10.90	0.09	0.22	<0.01	0.035	1.35	30.2	15.4	1.91	443	0.24	0.06	0.14
97385		70.0	4.43	12.65	0.08	0.18	<0.01	0.043	2.05	13.0	22.1	1.87	446	2.82	0.05	0.21
97386		52.2	3.42	9.75	0.10	0.15	<0.01	0.029	1.56	18.5	17.8	1.49	397	1.04	0.05	0.22
97387		35.2	3.78	11.75	0.12	0.13	<0.01	0.033	1.93	14.1	22.8	2.07	424	0.81	0.04	0.14
97388		56.0	3.30	10.35	0.10	0.14	<0.01	0.030	1.47	13.1	16.8	1.48	322	1.27	0.05	0.21
97389		44.0	3.40	10.20	0.08	0.12	<0.01	0.030	1.36	14.7	16.2	1.43	288	1.09	0.05	0.16
97390		49.0	4.22	12.25	0.09	0.10	<0.01	0.043	1.75	14.7	20.3	1.86	392	2.94	0.04	0.15





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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365267**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
97351		209	330	11.3	11.9	0.004	8.55	<0.05	5.7	6.0	0.8	8.5	<0.01	0.57	8.2	0.056
97352		<0.2	70	0.3	0.2	<0.001	0.03	<0.05	0.3	0.5	<0.2	79.4	<0.01	0.01	<0.2	<0.005
97353		96.6	650	4.6	56.6	0.001	1.58	<0.05	13.9	0.6	0.8	7.0	<0.01	0.08	4.6	0.130
97354		118.0	590	3.2	106.0	0.002	0.88	<0.05	11.6	0.3	0.9	3.5	<0.01	0.07	3.8	0.293
97355		129.0	850	3.4	123.5	0.001	0.41	<0.05	18.5	0.3	1.4	4.9	<0.01	0.05	4.0	0.333
97356		201	920	3.0	147.0	0.001	0.79	<0.05	26.4	0.9	1.6	4.1	<0.01	0.11	2.9	0.301
97357		145.0	3160	5.2	67.2	0.007	1.68	<0.05	13.3	1.6	0.8	7.7	<0.01	0.32	2.7	0.194
97358		112.0	600	3.5	87.8	0.002	0.61	<0.05	13.3	0.5	1.1	5.4	<0.01	0.08	3.3	0.246
97359		112.0	590	2.6	86.1	0.001	0.55	<0.05	14.5	0.4	1.0	5.1	<0.01	0.07	2.9	0.253
97360		116.5	570	4.1	87.3	0.002	0.50	<0.05	13.7	0.3	1.0	6.0	<0.01	0.07	3.4	0.247
97361		107.0	570	4.1	80.3	0.002	0.50	<0.05	14.3	0.4	1.0	7.4	<0.01	0.07	3.8	0.223
97362		102.0	550	3.5	79.6	0.001	0.49	<0.05	14.3	0.4	1.0	7.2	<0.01	0.07	3.6	0.221
97363		116.5	530	3.7	86.2	0.002	0.46	<0.05	13.5	0.4	1.1	5.7	<0.01	0.07	3.6	0.238
97364		110.5	660	2.6	81.1	0.002	0.41	<0.05	15.5	0.2	1.0	4.8	<0.01	0.05	3.0	0.257
97365		118.0	670	4.1	91.3	0.002	0.41	<0.05	18.0	0.4	1.1	5.4	<0.01	0.06	3.4	0.263
97366		71.7	630	2.7	57.9	0.001	0.63	<0.05	12.0	0.4	1.0	11.8	<0.01	0.04	4.2	0.186
97367		257	3340	4.8	113.0	<0.001	0.01	<0.05	4.3	0.4	1.4	18.3	<0.01	<0.01	8.9	0.303
97368		83.0	740	2.7	61.4	0.001	0.75	<0.05	12.1	0.5	1.1	14.8	<0.01	0.05	5.8	0.190
97369		137.5	820	2.5	89.3	0.002	0.43	<0.05	15.0	0.3	0.8	9.0	<0.01	0.04	4.8	0.296
97370		123.0	1050	4.9	59.3	<0.001	0.41	<0.05	8.3	0.5	0.8	16.0	<0.01	0.03	5.0	0.221
97371		93.3	780	3.6	70.0	0.001	0.62	<0.05	12.5	0.5	0.5	13.4	<0.01	0.03	7.8	0.272
97372		<0.2	80	0.4	0.4	<0.001	<0.01	<0.05	0.4	0.5	<0.2	76.9	<0.01	<0.01	<0.2	<0.005
97373		78.5	730	3.3	68.0	0.001	0.72	<0.05	11.8	0.6	0.5	12.7	<0.01	0.04	8.3	0.276
97374		65.3	950	3.3	64.1	0.001	0.63	<0.05	11.1	0.6	0.8	14.2	<0.01	0.05	6.4	0.280
97375		93.1	500	2.4	85.4	0.003	0.35	<0.05	16.2	0.4	1.0	8.0	<0.01	0.04	4.7	0.309
97376		66.0	510	3.4	68.9	<0.001	0.36	<0.05	12.2	0.4	0.8	12.8	<0.01	0.03	7.8	0.253
97377		73.5	620	2.8	73.6	0.001	0.52	<0.05	14.6	0.4	0.7	13.4	<0.01	0.03	7.6	0.280
97378		40.0	1770	2.5	26.6	0.001	0.26	<0.05	4.7	0.4	0.5	23.7	<0.01	0.03	3.7	0.165
97379		69.9	540	2.9	64.2	<0.001	0.50	<0.05	12.3	0.3	0.7	11.5	<0.01	0.03	7.7	0.276
97380		71.2	580	2.7	69.1	0.001	0.34	<0.05	11.8	0.4	0.8	13.5	<0.01	0.05	7.3	0.261
97381		67.3	550	2.7	74.6	0.001	0.29	<0.05	11.7	0.4	0.8	13.1	<0.01	0.03	6.6	0.265
97382		55.7	3320	4.2	69.8	<0.001	0.08	<0.05	5.5	0.3	0.5	123.5	0.01	0.01	9.9	0.237
97383		73.7	3020	3.8	86.3	<0.001	0.05	<0.05	5.7	0.3	0.6	122.5	<0.01	0.01	8.0	0.255
97384		91.8	740	3.2	62.3	<0.001	0.55	<0.05	13.4	0.5	0.9	27.2	<0.01	0.05	6.6	0.230
97385		103.0	350	2.2	83.0	0.002	0.44	<0.05	18.8	0.3	1.0	4.9	<0.01	0.05	2.9	0.316
97386		67.0	540	2.0	59.2	0.001	0.27	<0.05	11.5	0.2	0.8	7.6	<0.01	0.04	4.4	0.224
97387		95.1	620	1.6	74.0	<0.001	0.16	<0.05	13.2	<0.2	0.9	7.3	<0.01	0.02	3.0	0.226
97388		73.2	540	1.6	60.6	0.001	0.30	<0.05	12.2	0.3	0.8	5.8	<0.01	0.03	2.8	0.190
97389		71.9	500	2.4	57.8	<0.001	0.24	<0.05	11.2	0.2	0.7	11.6	<0.01	0.03	3.6	0.175
97390		108.5	510	3.0	76.1	0.001	0.23	<0.05	14.5	0.2	0.8	11.3	<0.01	0.03	3.2	0.223



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To: MINROC MANAGEMENT LTD.  
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Page: 2 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
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Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365267**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	CRU-QC	PUL-QC
		TI	U	V	W	Y	Zn	Zr	Pass2mm	Pass75um
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.02	0.05	1	0.05	0.05	2	0.5	0.01	0.01
97351		0.30	1.38	32	0.08	7.40	1670	14.3	73.3	95.6
97352		<0.02	0.07	<1	<0.05	2.00	9	<0.5		
97353		1.21	1.38	102	0.08	7.19	104	9.3		94.3
97354		2.04	1.28	102	0.12	4.98	105	6.4		
97355		1.76	1.28	135	0.11	6.19	135	5.7		
97356		1.52	1.06	172	0.05	5.64	403	4.2		
97357		0.61	1.17	98	0.10	10.55	1815	4.4		
97358		0.71	1.11	109	0.07	4.54	106	5.3		
97359		0.60	0.97	113	0.06	3.61	27	5.3		
97360		0.64	1.12	113	0.07	4.23	33	5.2		
97361		0.54	1.26	107	0.11	4.97	37	5.9		
97362		0.52	1.36	106	0.07	4.80	38	5.4		
97363		0.56	1.14	105	0.09	4.89	39	6.9		
97364		0.49	0.93	122	0.09	4.60	39	6.4		
97365		0.55	1.06	125	0.10	5.56	49	7.2		
97366		0.35	1.57	81	0.06	6.58	85	8.1		
97367		1.05	1.59	94	<0.05	19.55	86	13.8		
97368		0.39	1.87	90	0.05	6.81	77	9.6		
97369		0.62	1.38	116	0.05	6.83	88	10.8		
97370		0.49	1.89	82	<0.05	7.51	65	12.0		
97371		0.47	2.05	92	0.05	9.60	68	12.6		
97372		<0.02	0.10	<1	<0.05	2.28	3	<0.5		
97373		0.43	2.39	90	0.05	8.62	71	9.7		
97374		0.41	1.74	92	0.05	9.11	75	8.9		
97375		0.56	1.68	112	0.10	6.06	89	8.6		
97376		0.43	1.98	79	0.06	10.00	76	9.2		
97377		0.46	1.80	97	<0.05	8.98	74	12.0		
97378		0.18	1.24	51	0.06	7.61	36	7.6		
97379		0.37	1.80	88	0.05	8.09	78	10.3		
97380		0.38	1.82	80	0.08	9.03	74	8.5		
97381		0.44	1.66	80	0.07	8.96	72	8.1		
97382		0.45	1.52	74	0.06	12.25	47	17.2		
97383		0.54	1.22	80	0.07	11.45	56	17.3		
97384		0.40	1.56	93	0.05	7.84	85	9.3		
97385		0.46	1.00	130	0.08	3.18	87	6.9		
97386		0.33	1.39	83	0.09	4.93	80	5.5		
97387		0.39	0.97	92	0.08	4.33	83	5.3		
97388		0.31	1.02	84	0.08	4.22	73	5.6		
97389		0.33	1.28	81	0.09	4.44	79	4.4		93.3
97390		0.44	1.04	103	0.10	3.75	99	3.8	73.6	88.8



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 OAKVILLE ON L6J 7J9

Page: 3 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365267**

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Units		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
LOD		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
97391		2.39	0.08	2.50	<0.1	<0.02	<10	550	0.22	0.21	0.52	0.04	35.3	26.8	183	3.40
97392		2.43	0.09	2.62	<0.1	<0.02	<10	570	0.24	0.21	0.51	0.03	37.6	26.2	183	3.44
97393		3.13	0.05	3.05	0.5	<0.02	<10	360	0.43	0.14	1.06	0.03	63.4	28.5	269	4.14
97394		3.52	0.06	2.17	0.3	<0.02	<10	320	0.16	0.17	0.55	0.04	30.1	21.2	152	2.58
97395		<0.02	0.06	2.15	0.4	<0.02	<10	320	0.16	0.17	0.49	0.03	30.6	21.4	151	2.58
97396		4.40	0.06	2.15	<0.1	<0.02	<10	370	0.13	0.20	0.20	0.03	27.2	20.4	150	2.49
97397		5.05	0.07	2.09	0.2	<0.02	<10	380	0.10	0.17	0.17	0.03	30.9	20.3	163	2.54
97398		2.74	0.06	2.38	<0.1	<0.02	<10	570	0.11	0.20	0.18	0.03	32.7	24.6	193	3.08
97399		3.47	0.06	2.45	0.1	<0.02	<10	490	0.16	0.20	0.54	0.03	33.9	25.0	190	2.98
97400		3.14	0.06	2.08	<0.1	<0.02	<10	420	0.11	0.18	0.40	0.03	29.3	21.3	171	2.59

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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Page: 3 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365267**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05	
97391	82.1	4.36	12.25	0.11	0.10	<0.01	0.038	1.64	17.4	17.9	1.80	365	1.97	0.05	0.18	
97392	82.2	4.51	12.45	0.11	0.11	<0.01	0.039	1.74	18.1	18.7	1.89	360	2.54	0.05	0.18	
97393	42.4	3.83	11.05	0.16	0.09	<0.01	0.029	1.85	31.1	20.1	2.80	438	1.79	0.09	0.09	
97394	53.1	3.69	9.50	0.07	0.11	<0.01	0.029	1.34	15.3	16.4	1.49	321	1.09	0.04	0.16	
97395	50.1	3.67	9.61	0.08	0.12	<0.01	0.026	1.32	15.6	16.1	1.46	315	1.01	0.04	0.16	
97396	50.0	3.33	9.63	0.07	0.12	<0.01	0.027	1.46	13.7	17.0	1.44	257	1.11	0.05	0.18	
97397	52.9	3.28	10.75	0.09	0.14	<0.01	0.028	1.41	15.7	16.3	1.44	255	0.86	0.05	0.17	
97398	51.9	3.66	12.75	0.11	0.15	<0.01	0.037	1.64	16.5	18.3	1.58	236	1.21	0.05	0.20	
97399	64.0	4.01	12.05	0.10	0.10	<0.01	0.035	1.55	17.1	19.2	1.63	303	1.30	0.04	0.18	
97400	51.9	3.51	10.60	0.09	0.12	<0.01	0.032	1.39	14.6	16.2	1.40	259	1.28	0.04	0.15	

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Page: 3 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365267**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005	
97391	106.5	480	3.5	73.9	0.001	0.45	<0.05	17.7	0.4	0.7	15.8	<0.01	0.06	4.0	0.209	
97392	105.0	520	3.3	75.3	0.001	0.47	<0.05	17.8	0.5	0.7	14.8	<0.01	0.06	4.2	0.220	
97393	115.5	690	3.2	84.4	0.001	0.19	<0.05	16.0	0.4	0.7	34.7	<0.01	0.03	7.2	0.200	
97394	78.6	520	2.8	60.6	0.001	0.29	<0.05	9.5	0.3	0.6	12.4	<0.01	0.05	3.7	0.168	
97395	78.7	510	2.6	61.5	0.001	0.29	<0.05	9.9	0.3	0.6	11.9	<0.01	0.03	3.8	0.166	
97396	76.9	530	2.3	62.8	<0.001	0.21	<0.05	11.1	<0.2	0.6	8.2	<0.01	0.02	3.3	0.184	
97397	69.8	480	2.4	62.0	<0.001	0.22	<0.05	11.1	0.2	0.8	8.1	<0.01	0.04	4.2	0.177	
97398	89.1	600	2.3	73.8	0.001	0.20	<0.05	14.7	0.3	0.9	8.9	<0.01	0.04	3.9	0.208	
97399	90.1	660	3.3	66.0	0.001	0.20	<0.05	13.6	0.2	0.8	17.9	<0.01	0.04	4.1	0.190	
97400	74.7	510	3.2	57.9	<0.001	0.23	<0.05	11.3	0.2	0.7	13.0	<0.01	0.03	4.4	0.171	

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Page: 3 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365267
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Sample Description	Method Analyte Units LOD	ME-MS41 TI ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
97391		0.44	1.17	115	0.10	4.78	85	4.2		
97392		0.42	1.08	118	0.11	4.83	88	4.3		
97393		0.47	1.56	98	0.07	9.73	78	3.6		
97394		0.36	1.34	76	0.11	4.78	82	4.4		
97395		0.35	1.26	76	0.12	4.83	78	4.4		
97396		0.37	1.07	81	0.12	4.18	75	4.2		
97397		0.33	1.38	78	0.10	4.91	73	5.0		
97398		0.42	1.42	98	0.14	5.28	81	5.4		
97399		0.37	1.66	90	0.12	5.43	64	4.0		
97400		0.33	1.90	80	0.10	4.42	79	4.1		

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Page: Appendix 1  
 Total # Appendix Pages: 1  
 Finalized Date: 17-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365267**

	<b>CERTIFICATE COMMENTS</b>												
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).            ME-MS41</p>												
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-22</td> <td style="width: 15%;">LOG-22d</td> </tr> <tr> <td>PUL-31</td> <td>PUL-31d</td> <td>PUL-QC</td> <td>SPL-21</td> </tr> <tr> <td>SPL-21d</td> <td>WEI-21</td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-22	LOG-22d	PUL-31	PUL-31d	PUL-QC	SPL-21	SPL-21d	WEI-21		
CRU-31	CRU-QC	LOG-22	LOG-22d										
PUL-31	PUL-31d	PUL-QC	SPL-21										
SPL-21d	WEI-21												
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.            ME-MS41</p>												



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**OAKVILLE ON L6J 7J9**

Page: 1  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
 This copy reported on  
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**SD22365269**

Project: LAL-VIC 2022 DDH  
 P.O. No.: BATCH 20  
 This report is for 50 samples of 1/2 Core submitted to our lab in Sudbury, ON,  
 Canada on 19-DEC-2022.

The following have access to data associated with this certificate:

SAHIL ALURKAR  
 FRANCIS NEWTON

FRANCIS NEWTON  
 BRIAN NEWTON

BRIAN NEWTON  
 ACCESS WEBTRIEVE

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Cu-OG46	Ore Grade Cu - Aqua Regia	
ME-MS41	Ultra Trace Aqua Regia ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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**Signature:**



Saa Traxler, Director, North Vancouver Operations





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Page: 2 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365269**

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
97401		4.09	0.07	2.14	0.1	<0.02	<10	590	0.10	0.11	0.19	0.02	47.5	20.8	190	3.13
97402		0.85	<0.01	0.03	<0.1	<0.02	<10	20	<0.05	0.50	>25.0	0.01	1.17	1.4	2	<0.05
97403		4.21	0.09	2.63	0.1	<0.02	<10	610	0.21	0.17	0.48	0.02	76.5	26.9	300	4.09
97404		3.64	0.11	1.99	0.1	<0.02	<10	390	0.11	0.15	0.16	0.02	44.6	22.1	184	2.90
97405		0.06	3.03	0.37	26.4	0.67	<10	10	<0.05	0.49	0.43	0.89	3.06	1125	83	0.49
97406		3.71	0.07	2.26	0.1	<0.02	<10	590	0.12	0.12	0.18	0.02	27.0	23.0	182	3.27
97407		4.39	0.09	1.88	0.2	<0.02	<10	420	0.11	0.15	0.19	0.04	37.6	21.2	170	2.92
97408		4.31	0.09	2.16	0.1	<0.02	<10	400	0.12	0.14	0.20	0.02	42.2	23.7	203	3.32
97409		4.01	0.07	2.43	0.1	<0.02	<10	630	0.13	0.10	0.14	0.02	37.1	24.8	206	3.79
97410		3.81	0.08	1.87	<0.1	<0.02	<10	450	0.13	0.16	0.22	0.02	60.8	20.8	180	2.92
97411		3.89	0.08	2.21	0.3	<0.02	<10	630	0.14	0.14	0.23	0.02	43.0	23.3	192	3.41
97412		<0.02	0.07	2.14	<0.1	<0.02	<10	630	0.13	0.14	0.21	0.01	41.0	22.7	186	3.34
97413		4.04	0.14	2.70	<0.1	<0.02	<10	330	0.26	0.26	0.25	0.02	40.8	26.9	186	4.66
97414		1.95	0.12	1.45	<0.1	<0.02	<10	180	0.49	0.33	1.45	0.04	138.5	24.1	38	1.69
97415		2.36	0.12	1.42	0.1	<0.02	<10	220	0.48	0.35	1.48	0.04	151.0	25.5	34	1.61
97416		3.87	0.06	1.17	<0.1	<0.02	<10	1090	0.39	0.19	1.37	0.03	153.0	15.4	35	1.21
97417		3.04	0.06	1.54	<0.1	<0.02	<10	810	0.37	0.19	1.17	0.03	121.0	20.4	91	2.08
97418		4.31	0.05	2.05	<0.1	<0.02	<10	630	0.10	0.06	0.18	0.02	59.1	21.3	187	3.21
97419		2.63	0.12	1.88	<0.1	<0.02	<10	310	0.10	0.19	0.33	0.03	63.7	25.8	190	3.43
97420		3.37	0.08	1.81	0.1	<0.02	<10	430	0.09	0.14	0.27	0.02	64.6	20.9	175	3.47
97421		3.58	0.07	1.85	0.2	<0.02	<10	540	0.09	0.10	0.23	0.01	61.6	20.4	171	3.32
97422		1.04	<0.01	0.03	<0.1	<0.02	<10	20	<0.05	<0.01	>25.0	0.01	1.29	1.5	1	<0.05
97423		2.79	0.03	2.46	<0.1	<0.02	<10	1200	0.22	0.10	0.70	0.01	80.8	24.3	306	3.90
97424		3.87	0.06	2.42	0.1	<0.02	<10	900	0.13	0.09	0.22	0.03	49.6	23.8	181	3.58
97425		4.00	0.07	2.25	0.1	<0.02	<10	520	0.11	0.14	0.20	0.03	68.1	21.5	195	4.01
97426		3.47	0.08	2.28	0.1	<0.02	<10	540	0.08	0.16	0.21	0.02	70.9	23.0	187	4.12
97427		3.93	0.07	2.54	0.1	<0.02	<10	510	0.15	0.12	0.69	0.04	54.4	23.2	180	3.65
97428		3.95	0.04	2.65	0.3	<0.02	<10	690	0.11	0.06	0.18	0.02	53.2	20.5	132	3.48
97429		4.21	0.04	1.65	<0.1	<0.02	<10	800	0.25	0.19	1.29	0.02	164.0	16.2	155	1.54
97430		4.01	0.07	2.57	0.1	<0.02	<10	630	0.10	0.11	0.18	0.02	51.1	22.5	177	3.52
97431		3.99	0.10	2.43	0.2	<0.02	<10	330	0.22	0.21	0.71	0.05	51.2	25.4	100	3.12
97432		2.28	0.09	2.65	0.1	<0.02	<10	390	0.13	0.19	0.25	0.03	58.5	26.6	181	4.76
97433		2.87	0.13	2.07	<0.1	<0.02	<10	290	0.10	0.28	0.27	0.04	57.4	24.9	195	3.32
97434		2.68	0.10	2.29	0.3	<0.02	<10	540	0.11	0.21	0.51	0.02	66.8	23.6	193	3.28
97435		2.40	0.05	2.13	0.1	<0.02	<10	670	0.14	0.15	0.42	0.02	65.8	22.5	211	3.15
97436		2.81	0.04	2.42	0.2	<0.02	<10	720	0.15	0.11	0.51	0.02	46.6	23.3	184	3.07
97437		3.70	0.05	2.19	<0.1	<0.02	<10	580	0.09	0.15	0.21	0.02	54.0	20.9	179	3.01
97438		3.91	0.04	1.90	0.1	<0.02	<10	490	0.09	0.13	0.20	0.02	55.2	19.5	167	2.87
97439		3.89	0.05	2.09	<0.1	<0.02	<10	530	0.12	0.14	0.23	0.03	56.4	21.4	187	3.50
97440		3.74	0.31	2.06	0.2	<0.02	<10	710	0.12	0.12	0.27	0.02	54.7	21.8	184	3.48



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365269**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
97401		49.7	3.82	11.20	0.13	0.22	<0.01	0.035	1.70	23.9	19.9	1.69	432	1.72	0.07	0.21
97402		3.4	0.11	0.15	0.05	<0.02	<0.01	<0.005	0.02	1.3	0.3	0.92	97	0.05	0.01	<0.05
97403		85.0	4.48	12.35	0.20	0.22	<0.01	0.030	1.99	38.1	26.2	2.61	419	8.82	0.06	0.29
97404		80.9	3.91	9.60	0.13	0.25	<0.01	0.030	1.57	22.6	19.2	1.63	380	3.46	0.06	0.21
97405		>10000	32.0	1.77	0.43	0.08	0.02	0.100	0.03	1.6	3.1	0.41	169	1.39	0.03	0.18
97406		60.9	4.01	11.85	0.10	0.24	<0.01	0.036	1.81	13.5	21.0	1.73	419	1.86	0.06	0.29
97407		50.8	3.63	10.30	0.11	0.25	<0.01	0.034	1.46	19.1	17.5	1.55	386	0.67	0.06	0.27
97408		54.1	4.18	12.30	0.12	0.25	<0.01	0.038	1.77	21.2	22.8	1.76	459	0.26	0.07	0.34
97409		42.3	4.51	14.20	0.15	0.22	<0.01	0.047	2.00	18.0	25.7	1.89	539	0.35	0.07	0.24
97410		52.8	3.80	9.72	0.13	0.20	<0.01	0.033	1.44	30.0	20.6	1.49	471	0.27	0.07	0.20
97411		49.9	4.15	11.65	0.14	0.23	<0.01	0.039	1.73	21.2	21.0	1.63	486	0.61	0.07	0.27
97412		46.9	4.03	11.30	0.13	0.21	<0.01	0.038	1.70	19.7	20.5	1.59	476	0.29	0.06	0.29
97413		58.6	4.97	15.55	0.16	0.33	<0.01	0.050	2.10	20.5	23.2	2.16	458	0.34	0.06	0.23
97414		43.9	3.55	6.98	0.26	0.27	<0.01	0.026	0.84	63.6	12.9	1.50	377	0.11	0.08	0.14
97415		47.5	3.56	7.14	0.28	0.28	<0.01	0.027	0.79	67.5	12.4	1.46	375	0.14	0.09	0.15
97416		57.1	2.59	6.27	0.26	0.26	<0.01	0.022	0.63	71.6	9.8	1.09	346	0.09	0.10	0.13
97417		57.2	3.29	8.08	0.23	0.31	<0.01	0.024	1.10	57.0	15.4	1.49	412	0.15	0.09	0.15
97418		47.5	4.02	10.30	0.15	0.24	<0.01	0.029	1.86	29.7	22.6	1.75	505	0.21	0.06	0.21
97419		82.7	4.01	9.72	0.16	0.40	<0.01	0.028	1.41	31.6	17.1	1.58	382	0.60	0.07	0.20
97420		53.4	3.83	9.06	0.14	0.41	<0.01	0.028	1.50	31.7	18.2	1.55	412	0.53	0.07	0.20
97421		52.5	3.60	9.24	0.14	0.36	<0.01	0.028	1.54	31.1	18.6	1.58	417	1.02	0.06	0.23
97422		2.9	0.11	0.13	<0.05	<0.02	<0.01	<0.005	0.01	1.3	0.3	0.84	99	<0.05	0.01	<0.05
97423		27.6	3.99	11.60	0.21	0.43	<0.01	0.028	1.95	39.4	23.5	2.24	408	2.00	0.05	0.16
97424		64.1	4.34	13.45	0.16	0.27	<0.01	0.048	1.90	25.4	21.5	1.73	467	1.98	0.06	0.24
97425		55.8	4.18	11.30	0.17	0.37	<0.01	0.037	1.78	34.2	19.5	1.83	485	1.44	0.06	0.28
97426		67.4	4.32	11.60	0.17	0.39	<0.01	0.040	1.80	35.7	19.4	1.73	475	1.08	0.06	0.45
97427		57.9	4.18	10.65	0.18	0.19	<0.01	0.031	1.77	26.5	19.2	1.94	508	3.17	0.09	0.24
97428		32.0	3.94	11.95	0.13	0.30	<0.01	0.031	2.11	26.0	20.9	1.89	422	1.21	0.05	0.16
97429		38.1	2.84	6.17	0.26	0.31	<0.01	0.024	1.05	82.4	12.5	1.40	372	0.12	0.09	0.21
97430		49.8	4.32	12.40	0.17	0.32	<0.01	0.036	2.07	25.0	22.7	1.88	513	1.47	0.06	0.30
97431		89.4	4.31	9.78	0.19	0.24	0.01	0.034	1.54	25.6	16.6	1.78	486	0.86	0.13	0.20
97432		76.5	4.84	13.00	0.19	0.31	0.01	0.043	2.03	28.0	22.5	2.16	501	1.10	0.07	0.22
97433		104.0	4.22	9.97	0.15	0.42	<0.01	0.031	1.57	28.1	17.7	1.88	382	3.82	0.06	0.22
97434		73.7	4.25	11.10	0.16	0.33	<0.01	0.034	1.69	32.7	19.4	1.71	483	0.94	0.07	0.29
97435		56.0	3.77	10.20	0.19	0.29	<0.01	0.030	1.62	31.8	18.5	1.73	457	0.74	0.06	0.30
97436		43.8	4.32	13.00	0.14	0.19	<0.01	0.040	1.66	23.3	21.5	1.73	499	1.46	0.06	0.22
97437		48.0	3.87	11.20	0.15	0.23	<0.01	0.032	1.74	26.5	19.6	1.62	474	1.02	0.05	0.25
97438		45.5	3.50	9.93	0.16	0.29	<0.01	0.030	1.55	28.5	18.4	1.50	463	1.03	0.06	0.22
97439		51.9	3.95	10.60	0.16	0.27	<0.01	0.032	1.67	27.5	20.7	1.69	510	1.30	0.06	0.20
97440		52.0	3.91	10.85	0.17	0.23	<0.01	0.033	1.71	27.6	21.0	1.53	535	1.10	0.05	0.22



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To: MINROC MANAGEMENT LTD.  
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Page: 2 - C  
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**CERTIFICATE OF ANALYSIS SD22365269**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
97401		81.1	670	2.2	68.9	0.001	0.26	<0.05	13.6	0.2	0.9	9.1	<0.01	0.03	5.3	0.269
97402		0.2	70	0.4	0.5	<0.001	<0.01	0.11	0.4	0.4	<0.2	82.8	<0.01	<0.01	<0.2	<0.005
97403		112.0	1320	3.7	87.0	0.005	0.41	<0.05	15.1	0.5	0.9	14.3	<0.01	0.04	6.7	0.319
97404		81.7	600	2.6	63.6	0.002	0.58	<0.05	12.6	0.5	0.8	8.2	<0.01	0.06	5.6	0.252
97405		>10000	70	37.6	1.4	0.048	>10.0	0.25	1.3	13.1	0.9	4.7	<0.01	0.90	0.5	0.039
97406		95.4	550	2.1	71.3	0.001	0.35	<0.05	15.1	0.3	0.9	5.3	<0.01	0.05	3.4	0.288
97407		79.0	530	2.7	56.3	0.001	0.52	<0.05	13.1	0.3	0.9	8.9	<0.01	0.05	4.6	0.235
97408		91.5	680	2.3	71.0	<0.001	0.47	<0.05	15.6	0.4	1.0	8.7	<0.01	0.03	4.7	0.292
97409		99.8	520	1.9	83.6	0.001	0.34	<0.05	18.0	0.3	1.1	6.8	<0.01	0.02	4.1	0.335
97410		81.4	650	3.5	61.9	<0.001	0.41	<0.05	13.3	0.2	0.8	15.3	<0.01	0.02	7.0	0.248
97411		92.4	660	2.6	78.3	0.001	0.36	<0.05	16.0	0.3	0.9	10.3	<0.01	0.02	4.9	0.287
97412		90.9	630	2.4	76.9	<0.001	0.35	<0.05	15.8	0.3	0.9	8.9	<0.01	0.02	4.5	0.284
97413		105.0	700	3.4	98.1	<0.001	0.60	<0.05	21.8	0.3	1.1	9.5	<0.01	0.05	5.9	0.337
97414		33.4	3230	3.0	37.5	0.001	0.63	<0.05	7.4	0.4	0.6	72.3	<0.01	0.02	9.0	0.217
97415		30.4	3400	3.3	35.7	<0.001	0.66	<0.05	7.4	0.4	0.6	75.9	<0.01	0.02	9.3	0.219
97416		18.0	2480	3.9	30.1	0.001	0.17	<0.05	4.8	0.2	0.5	96.5	<0.01	0.01	9.9	0.194
97417		43.9	2440	3.1	49.9	<0.001	0.25	<0.05	9.1	0.2	0.6	68.0	<0.01	<0.01	8.6	0.249
97418		82.0	640	2.9	77.3	<0.001	0.23	<0.05	13.1	0.2	0.8	16.3	<0.01	0.02	7.2	0.317
97419		115.0	770	2.5	66.2	<0.001	0.63	<0.05	14.7	0.6	0.6	12.0	<0.01	0.05	7.6	0.225
97420		77.6	680	2.5	66.9	0.001	0.46	<0.05	12.6	0.3	0.7	12.2	<0.01	0.03	8.1	0.251
97421		74.1	610	2.7	68.4	0.001	0.31	<0.05	12.1	0.4	0.6	10.5	<0.01	0.03	7.6	0.261
97422		<0.2	80	0.4	0.4	<0.001	<0.01	<0.05	0.4	0.5	<0.2	83.6	<0.01	0.01	<0.2	<0.005
97423		106.5	1850	2.6	92.1	0.002	0.11	<0.05	11.9	0.2	0.8	18.2	<0.01	0.01	6.3	0.321
97424		93.1	580	2.8	83.2	0.001	0.24	<0.05	16.2	0.2	1.0	7.8	<0.01	0.02	5.9	0.301
97425		77.5	700	3.3	73.9	0.001	0.33	<0.05	13.5	0.2	0.8	10.5	<0.01	0.02	9.0	0.270
97426		89.5	740	3.0	82.7	0.001	0.42	<0.05	16.2	0.4	0.7	12.2	0.01	0.04	8.8	0.284
97427		84.8	860	2.4	80.4	0.001	0.25	<0.05	16.4	0.2	0.6	19.1	<0.01	0.03	5.4	0.284
97428		81.3	650	2.6	103.0	0.001	0.08	<0.05	10.8	0.2	0.8	9.1	<0.01	0.01	6.6	0.287
97429		49.4	2590	4.1	59.2	<0.001	0.17	<0.05	5.5	<0.2	0.6	105.0	<0.01	<0.01	11.1	0.239
97430		91.9	650	3.5	97.4	<0.001	0.30	0.10	16.5	0.2	0.9	10.5	<0.01	0.03	5.5	0.324
97431		49.1	1110	2.3	72.2	<0.001	0.68	<0.05	14.7	0.6	0.6	38.8	<0.01	0.09	5.0	0.255
97432		96.6	800	2.3	93.8	<0.001	0.59	<0.05	20.8	0.6	0.7	12.8	<0.01	0.07	7.2	0.300
97433		89.1	700	2.5	70.5	0.001	0.83	<0.05	15.1	0.6	0.7	13.0	<0.01	0.07	7.5	0.234
97434		92.8	690	2.9	77.5	<0.001	0.51	<0.05	15.9	0.3	0.7	25.3	<0.01	0.05	8.4	0.284
97435		88.3	1050	2.7	75.8	0.001	0.22	<0.05	13.5	0.2	0.6	17.5	<0.01	0.03	6.8	0.284
97436		96.6	620	3.0	73.9	0.001	0.17	<0.05	15.8	0.3	0.8	16.5	<0.01	0.02	5.7	0.259
97437		80.2	600	2.7	73.3	<0.001	0.24	<0.05	13.5	0.3	0.8	9.3	<0.01	0.04	7.2	0.281
97438		71.6	610	2.5	64.4	<0.001	0.22	<0.05	12.5	0.3	0.7	9.8	<0.01	0.02	7.4	0.260
97439		80.5	610	2.9	71.4	0.001	0.34	<0.05	14.0	0.4	0.7	12.1	<0.01	0.03	7.7	0.274
97440		83.4	600	2.7	73.0	<0.001	0.24	<0.05	14.4	0.2	0.8	13.7	<0.01	0.03	7.2	0.286



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Page: 2 - D  
 Total # Pages: 3 (A - D)  
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Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Cu-OG46	CRU-QC	PUL-QC
		TI	U	V	W	Y	Zn	Zr	Cu	Pass2mm	Pass75um
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
		0.02	0.05	1	0.05	0.05	2	0.5	0.001	0.01	0.01
97401		0.38	1.52	96	0.07	7.18	85	8.1		85.3	90.8
97402		<0.02	0.11	<1	<0.05	2.34	2	<0.5			
97403		0.64	1.32	118	0.06	9.43	91	9.2			90.3
97404		0.35	1.68	82	0.06	6.45	80	9.9			
97405		0.07	0.11	18	3.05	1.30	65	2.4	1.405		
97406		0.37	1.38	104	0.07	4.48	84	9.8			
97407		0.31	1.45	89	0.06	6.04	79	9.7			
97408		0.41	1.48	110	0.06	7.18	85	10.4			
97409		0.48	1.44	123	0.07	5.87	91	8.8			
97410		0.37	1.70	93	0.06	10.10	79	7.2			
97411		0.47	1.59	109	0.06	7.39	84	9.4			
97412		0.46	1.45	106	0.06	6.99	80	8.5			
97413		0.60	2.02	145	0.06	6.82	89	13.4			
97414		0.24	1.60	74	0.07	15.55	56	13.6			
97415		0.24	1.64	72	0.07	16.50	56	14.1			
97416		0.23	2.00	58	0.07	14.95	46	15.0			
97417		0.31	1.58	75	0.07	13.40	64	16.4			
97418		0.46	1.80	98	0.06	10.70	85	10.0			
97419		0.35	1.96	99	0.06	10.55	74	16.9			
97420		0.39	1.94	89	0.05	9.69	74	15.4			
97421		0.38	1.82	85	0.06	10.55	73	14.3			
97422		<0.02	0.10	<1	<0.05	2.37	2	<0.5			
97423		0.56	1.59	108	0.10	10.60	77	19.5			
97424		0.49	1.70	108	0.12	8.41	101	11.2			
97425		0.41	2.41	100	0.08	10.15	98	14.3			
97426		0.46	2.07	106	0.08	10.50	81	17.2			
97427		0.42	1.42	114	0.23	9.47	86	7.6			
97428		0.59	1.67	79	0.12	8.03	82	12.5			
97429		0.36	1.88	70	0.08	15.90	46	15.4			
97430		0.56	1.53	111	0.10	8.18	83	13.2			
97431		0.37	1.37	111	0.07	11.75	70	9.9			
97432		0.50	1.60	137	0.08	12.25	85	13.6			
97433		0.39	1.78	102	0.08	8.37	71	16.3			
97434		0.42	1.90	104	0.11	11.30	80	13.0			
97435		0.44	1.72	93	0.12	10.40	73	11.5			
97436		0.40	1.58	106	0.18	6.68	84	7.4			
97437		0.39	1.82	94	0.16	7.85	78	7.7			
97438		0.35	1.92	83	0.09	9.24	72	10.8			
97439		0.38	1.88	96	0.09	9.23	90	11.2			92.7
97440		0.39	1.82	96	1.68	9.28	76	8.6		79.7	93.8

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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Page: 3 - A  
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	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Units		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
LOD		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
97441		1.26	0.07	1.82	0.3	<0.02	<10	400	0.13	0.17	0.33	0.02	70.2	22.0	199	3.74
97442		1.19	0.07	1.75	<0.1	<0.02	<10	400	0.13	0.17	0.38	0.03	67.5	20.9	192	3.65
97443		4.13	0.07	1.31	0.1	<0.02	<10	360	0.16	0.13	0.40	0.02	64.5	21.7	156	2.84
97444		3.19	0.04	1.60	0.1	<0.02	<10	400	0.22	0.09	0.65	0.01	60.5	20.7	265	3.04
97445		<0.02	0.04	1.58	0.1	<0.02	<10	400	0.22	0.10	0.66	0.01	61.5	21.0	267	3.04
97446		2.62	0.06	1.23	0.3	<0.02	<10	360	0.17	0.14	0.44	0.02	67.9	17.8	148	2.26
97447		2.80	0.11	1.42	0.1	<0.02	<10	260	0.19	0.13	0.34	0.02	71.6	20.9	187	3.71
97448		4.58	0.03	3.71	0.2	<0.02	<10	920	0.49	0.05	1.03	0.02	50.4	44.2	1295	10.85
97449		4.07	0.03	2.92	<0.1	<0.02	<10	650	0.40	0.05	0.93	0.01	58.7	34.2	683	8.19
97450		3.96	0.04	1.69	0.4	<0.02	<10	170	0.41	0.06	0.95	0.02	90.5	21.7	112	5.04

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 3 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365269**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
97441		65.6	4.06	9.05	0.17	0.37	<0.01	0.029	1.60	36.3	18.7	1.51	467	1.21	0.06	0.15
97442		61.5	3.90	8.73	0.16	0.36	0.01	0.027	1.52	34.7	18.0	1.45	449	1.29	0.06	0.17
97443		74.2	3.22	6.56	0.14	0.42	0.01	0.015	1.16	33.8	14.5	1.14	337	2.74	0.07	0.12
97444		55.4	3.16	7.43	0.17	0.29	0.01	0.015	1.34	31.0	22.3	1.59	344	1.48	0.07	0.07
97445		55.0	3.11	7.43	0.17	0.27	0.01	0.014	1.33	31.2	22.1	1.58	339	1.42	0.07	0.07
97446		62.9	2.97	6.31	0.15	0.44	<0.01	0.015	1.03	34.0	13.1	1.08	318	1.41	0.07	0.14
97447		106.0	3.59	7.16	0.14	0.53	<0.01	0.016	1.29	36.6	12.8	1.25	363	0.75	0.07	0.15
97448		78.1	4.60	10.90	0.20	0.14	<0.01	0.012	3.63	21.7	42.9	4.83	531	0.06	0.04	0.05
97449		43.7	4.09	9.71	0.20	0.29	<0.01	0.010	2.83	28.1	40.3	3.57	483	0.14	0.05	0.05
97450		72.8	3.59	8.58	0.19	0.39	<0.01	0.012	1.56	44.1	19.8	1.66	463	0.07	0.07	0.09

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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Page: 3 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365269**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005	
97441	76.6	620	3.6	67.3	<0.001	0.57	<0.05	11.7	0.4	0.5	13.0	<0.01	0.05	10.7	0.253	
97442	74.2	640	3.6	65.5	0.001	0.55	<0.05	11.2	0.4	0.5	14.5	<0.01	0.05	10.4	0.242	
97443	69.0	770	3.0	61.1	0.001	0.55	<0.05	7.0	0.3	0.4	16.3	<0.01	0.04	8.9	0.215	
97444	77.3	1210	2.4	69.3	<0.001	0.26	<0.05	4.9	0.3	0.3	17.3	<0.01	0.02	6.6	0.230	
97445	78.1	1230	2.4	69.2	<0.001	0.25	<0.05	4.7	0.3	0.3	17.6	<0.01	0.01	7.0	0.230	
97446	61.2	870	3.8	51.5	0.001	0.48	<0.05	6.5	0.4	0.4	17.7	<0.01	0.03	9.0	0.199	
97447	75.5	790	5.9	96.1	0.001	0.70	<0.05	6.5	0.4	0.4	25.7	<0.01	0.03	10.7	0.217	
97448	302	2790	1.0	286	<0.001	0.19	<0.05	3.7	0.2	0.3	84.2	<0.01	0.01	1.5	0.278	
97449	142.5	2260	4.1	217	<0.001	0.24	<0.05	3.3	0.2	0.3	75.7	<0.01	0.01	4.4	0.265	
97450	28.4	2410	9.3	124.0	<0.001	0.22	<0.05	4.0	0.2	0.4	71.9	<0.01	<0.01	6.4	0.230	

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Page: 3 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365269
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Sample Description	Method Analyte Units LOD	ME-MS41 TI ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	Cu-OG46 Cu % 0.001	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
97441		0.42	3.13	87	0.08	9.48	78	14.2			
97442		0.40	2.96	84	0.07	9.19	75	13.6			
97443		0.43	2.16	66	0.06	8.10	55	16.0			
97444		0.47	1.53	79	0.07	6.71	55	10.5			
97445		0.45	1.47	79	0.07	6.79	56	10.6			
97446		0.31	2.16	63	0.06	8.19	53	16.0			
97447		0.51	2.51	73	0.07	8.65	63	18.9			
97448		1.54	0.32	120	0.09	6.97	79	4.8			
97449		1.17	0.79	102	0.07	7.82	82	13.2			
97450		0.81	1.22	85	0.08	10.65	79	19.6			





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Page: Appendix 1  
 Total # Appendix Pages: 1  
 Finalized Date: 17-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365269**

	<b>CERTIFICATE COMMENTS</b>															
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).            ME-MS41</p>															
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-22</td> <td style="width: 15%;"></td> <td style="width: 15%;">LOG-22d</td> </tr> <tr> <td>LOG-24</td> <td>PUL-31</td> <td>PUL-31d</td> <td></td> <td>PUL-QC</td> </tr> <tr> <td>SPL-21</td> <td>SPL-21d</td> <td>WEI-21</td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-22		LOG-22d	LOG-24	PUL-31	PUL-31d		PUL-QC	SPL-21	SPL-21d	WEI-21		
CRU-31	CRU-QC	LOG-22		LOG-22d												
LOG-24	PUL-31	PUL-31d		PUL-QC												
SPL-21	SPL-21d	WEI-21														
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Cu-OG46</td> <td style="width: 33%;">ME-MS41</td> <td style="width: 33%;">ME-OG46</td> <td></td> </tr> </table>	Cu-OG46	ME-MS41	ME-OG46												
Cu-OG46	ME-MS41	ME-OG46														



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Page: 1  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 27-JAN-2023  
 Account: MINMAN

**SD22365658**

Project: LAL-VIC 2022 DDH  
 P.O. No.: BATCH 21  
 This report is for 50 samples of 1/2 Core submitted to our lab in Sudbury, ON,  
 Canada on 19-DEC-2022.

The following have access to data associated with this certificate:

SAHIL ALURKAR  
 FRANCIS NEWTON

FRANCIS NEWTON  
 BRIAN NEWTON

BRIAN NEWTON  
 ACCESS WEBTRIEVE

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS41	Ultra Trace Aqua Regia ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**

Saa Traxler, Director, North Vancouver Operations



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Page: 2 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 27-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365658**

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Units		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
LOD		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
97451		3.61	0.03	2.49	0.2	<0.02	<10	440	0.37	0.05	0.99	0.02	60.9	29.5	461	7.23
97452		0.53	<0.01	0.03	<0.1	<0.02	<10	20	<0.05	0.01	>25.0	0.01	1.27	1.3	2	0.05
97453		3.15	<0.01	2.98	0.1	<0.02	<10	740	0.49	0.05	1.30	0.02	61.1	31.8	710	8.79
97454		3.48	0.01	1.80	0.3	<0.02	<10	600	0.40	0.10	1.68	0.03	59.4	20.7	464	4.28
97455		3.78	0.05	2.14	<0.1	<0.02	<10	530	0.13	0.11	0.22	0.03	52.8	20.8	174	4.63
97456		4.27	0.05	1.68	<0.1	<0.02	<10	480	0.13	0.16	0.48	0.02	57.3	18.9	192	2.91
97457		4.48	0.04	2.90	<0.1	<0.02	<10	780	0.17	0.12	0.22	0.03	50.8	27.7	197	4.53
97458		4.11	0.07	2.28	<0.1	<0.02	<10	510	0.10	0.17	0.21	0.03	50.0	22.5	174	3.44
97459		4.48	0.04	2.56	<0.1	<0.02	<10	630	0.14	0.14	0.34	0.02	53.6	23.4	191	3.66
97460		4.07	0.04	2.51	<0.1	<0.02	<10	710	0.14	0.14	0.34	0.02	52.4	24.0	192	3.73
97461		2.70	0.07	1.48	<0.1	<0.02	<10	330	0.10	0.25	0.52	0.03	50.0	19.1	148	2.19
97462		<0.02	0.07	1.47	<0.1	<0.02	<10	330	0.10	0.24	0.50	0.03	48.2	19.5	147	2.13
97463		4.59	0.07	2.07	<0.1	<0.02	<10	510	0.10	0.20	0.22	0.03	63.5	23.3	190	3.40
97464		1.42	0.05	2.40	<0.1	<0.02	<10	800	0.13	0.15	0.18	0.02	51.3	24.8	195	3.46
97465		1.47	0.05	2.43	<0.1	<0.02	<10	800	0.13	0.14	0.17	0.03	50.7	24.1	193	3.43
97466		3.03	0.07	1.97	<0.1	<0.02	<10	510	0.09	0.20	0.20	0.03	62.0	22.2	185	3.24
97467		4.36	0.08	2.02	<0.1	<0.02	<10	590	0.10	0.19	0.22	0.03	58.2	22.8	191	3.51
97468		4.59	0.08	1.94	<0.1	<0.02	<10	500	0.10	0.18	0.19	0.03	57.9	22.0	182	3.41
97469		3.05	0.06	2.33	<0.1	<0.02	<10	540	0.11	0.18	0.20	0.02	41.6	22.5	177	2.91
97470		3.98	0.04	2.36	<0.1	<0.02	<10	340	0.14	0.15	0.53	0.04	44.5	18.0	156	2.33
97471		1.91	0.04	2.26	<0.1	<0.02	<10	440	0.11	0.16	0.33	0.04	48.3	20.5	158	2.74
97472		0.47	<0.01	0.03	<0.1	<0.02	<10	20	<0.05	0.01	>25.0	0.01	1.22	1.4	1	<0.05
97473		2.84	0.05	2.23	<0.1	<0.02	<10	650	0.11	0.11	0.19	0.02	44.6	21.3	173	3.04
97474		3.00	0.17	0.69	0.2	<0.02	<10	60	0.14	0.48	1.59	0.03	61.1	23.6	44	0.27
97475		3.69	0.08	1.97	<0.1	<0.02	<10	430	0.20	0.16	0.84	0.03	38.6	22.6	168	2.28
97476		3.88	0.04	2.39	<0.1	<0.02	<10	480	0.14	0.11	0.20	0.02	37.1	21.2	167	3.27
97477		4.31	0.07	1.96	<0.1	<0.02	<10	360	0.13	0.21	0.47	0.03	42.3	22.1	161	2.86
97478		4.32	0.04	2.26	<0.1	<0.02	<10	460	0.12	0.12	0.15	0.02	37.6	20.7	161	2.96
97479		4.60	0.05	2.72	<0.1	<0.02	<10	500	0.21	0.19	0.55	0.04	38.7	27.9	215	4.04
97480		4.41	0.10	1.79	<0.1	<0.02	<10	340	0.12	0.24	0.24	0.04	55.2	21.6	176	2.81
97481		4.65	0.05	2.25	<0.1	<0.02	<10	770	0.20	0.13	0.15	0.03	43.6	23.7	180	3.36
97482		4.26	0.08	2.09	<0.1	<0.02	<10	390	0.14	0.21	0.16	0.03	35.1	23.9	186	2.98
97483		4.52	0.06	2.42	<0.1	<0.02	<10	450	0.15	0.18	0.16	0.01	31.8	23.8	187	3.33
97484		4.52	0.05	2.34	<0.1	<0.02	<10	580	0.17	0.13	0.16	0.01	33.2	22.0	177	3.14
97485		4.72	0.08	1.36	<0.1	<0.02	<10	380	0.16	0.17	0.70	0.03	76.0	15.6	153	1.70
97486		2.80	1.49	1.87	<0.1	<0.02	<10	570	0.20	0.14	0.73	0.03	74.9	19.0	211	2.54
97487		3.97	0.08	1.93	<0.1	<0.02	<10	630	0.11	0.13	0.19	0.02	54.9	20.6	176	2.71
97488		4.13	0.07	2.11	<0.1	<0.02	<10	740	0.14	0.15	0.30	0.02	57.9	22.7	181	2.97
97489		3.18	0.07	2.96	<0.1	<0.02	<10	870	0.19	0.14	0.32	0.01	56.7	28.1	211	4.05
97490		2.72	0.11	2.04	6.7	<0.02	<10	430	0.12	0.17	0.18	0.02	56.8	22.7	182	3.05



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Page: 2 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 27-JAN-2023  
 Account: MINMAN

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**CERTIFICATE OF ANALYSIS SD22365658**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
97451		47.1	3.70	7.95	0.17	0.25	<0.01	0.010	2.33	28.5	30.2	2.94	450	0.06	0.03	0.05
97452		3.1	0.08	0.07	<0.05	<0.02	<0.01	<0.005	0.01	1.4	0.2	0.51	89	<0.05	<0.01	<0.05
97453		6.4	3.77	8.93	0.20	0.10	<0.01	0.009	2.73	27.4	34.5	3.59	494	<0.05	0.02	<0.05
97454		8.2	2.37	6.25	0.18	0.18	0.01	0.015	1.45	26.9	20.5	2.15	354	<0.05	0.04	0.05
97455		52.6	3.80	10.50	0.15	0.33	<0.01	0.032	1.83	25.3	17.1	1.66	510	0.98	0.04	0.18
97456		53.9	3.09	7.86	0.15	0.26	<0.01	0.026	1.33	28.3	18.2	1.50	371	0.35	0.04	0.18
97457		47.8	4.70	13.10	0.14	0.26	<0.01	0.040	2.31	24.7	30.0	2.07	541	3.23	0.04	0.17
97458		61.5	3.90	10.80	0.16	0.35	<0.01	0.036	1.78	24.6	20.9	1.65	454	0.84	0.08	0.22
97459		44.6	4.14	11.75	0.17	0.30	<0.01	0.035	1.87	26.4	24.0	1.82	527	1.51	0.09	0.20
97460		45.3	4.05	11.65	0.17	0.32	<0.01	0.036	1.89	25.3	25.4	1.84	509	1.43	0.12	0.22
97461		67.0	2.97	6.69	0.15	0.35	<0.01	0.021	1.05	25.3	14.4	1.35	323	1.60	0.07	0.19
97462		64.3	2.97	6.56	0.16	0.36	<0.01	0.022	1.05	24.1	14.4	1.33	322	1.66	0.08	0.18
97463		57.4	3.89	10.60	0.16	0.33	<0.01	0.034	1.63	32.7	21.4	1.64	451	0.75	0.07	0.29
97464		49.2	4.15	12.70	0.15	0.29	<0.01	0.040	1.86	25.9	23.0	1.63	452	1.52	0.06	0.26
97465		48.0	4.20	12.70	0.18	0.28	<0.01	0.039	1.88	26.3	23.3	1.65	453	1.51	0.06	0.28
97466		58.2	3.88	10.05	0.14	0.33	<0.01	0.030	1.53	31.9	20.7	1.55	419	1.17	0.07	0.23
97467		55.9	3.96	10.55	0.16	0.38	<0.01	0.033	1.62	29.0	21.4	1.68	420	2.36	0.06	0.24
97468		56.4	3.74	9.74	0.14	0.40	<0.01	0.029	1.58	28.9	20.8	1.60	425	1.22	0.07	0.21
97469		41.3	3.84	11.90	0.17	0.26	<0.01	0.036	1.57	20.5	19.0	1.63	313	1.30	0.06	0.20
97470		41.5	3.27	9.21	0.16	0.24	<0.01	0.025	1.33	22.5	14.9	1.20	358	1.37	0.13	0.18
97471		50.2	3.50	9.64	0.12	0.24	<0.01	0.030	1.56	24.9	16.8	1.36	421	1.14	0.07	0.22
97472		3.1	0.11	0.08	<0.05	<0.02	<0.01	<0.005	0.01	1.3	0.1	0.47	82	0.05	<0.01	<0.05
97473		51.0	3.84	11.10	0.12	0.28	<0.01	0.028	1.80	22.9	20.8	1.58	451	1.48	0.06	0.25
97474		117.5	2.44	3.34	0.18	0.20	<0.01	0.021	0.15	28.9	2.6	0.45	206	0.29	0.05	0.65
97475		53.7	3.99	11.20	0.10	0.30	<0.01	0.034	1.02	19.2	18.4	1.52	422	1.95	0.06	0.12
97476		42.2	3.84	11.60	0.11	0.27	<0.01	0.034	1.75	18.7	22.1	1.64	438	1.48	0.05	0.17
97477		54.5	3.50	9.00	0.14	0.30	<0.01	0.027	1.41	20.5	16.1	1.62	388	4.32	0.06	0.24
97478		53.2	3.65	10.95	0.11	0.26	<0.01	0.028	1.66	18.4	19.6	1.53	406	1.14	0.05	0.19
97479		73.1	4.53	11.45	0.17	0.18	<0.01	0.038	1.91	18.7	22.9	2.26	494	1.28	0.05	0.15
97480		78.7	3.75	8.70	0.12	0.38	<0.01	0.033	1.33	27.0	15.8	1.56	333	0.33	0.06	0.22
97481		45.0	3.98	12.50	0.14	0.34	<0.01	0.045	1.73	21.5	22.2	1.71	388	1.94	0.06	0.25
97482		88.0	4.00	10.95	0.12	0.37	<0.01	0.035	1.56	17.3	19.8	1.58	337	4.55	0.06	0.23
97483		55.3	4.02	12.35	0.12	0.31	<0.01	0.037	1.80	16.1	22.4	1.64	362	1.62	0.06	0.27
97484		46.8	3.92	11.95	0.10	0.29	<0.01	0.036	1.78	16.9	21.7	1.58	381	1.62	0.06	0.22
97485		48.4	2.58	6.41	0.19	0.39	<0.01	0.019	0.95	34.2	14.6	1.35	290	0.71	0.07	0.24
97486		31.9	3.11	8.29	0.22	0.36	0.01	0.017	1.46	35.2	23.5	1.93	352	0.35	0.07	0.20
97487		68.0	3.76	9.69	0.14	0.31	<0.01	0.030	1.61	27.3	19.8	1.54	417	1.84	0.07	0.30
97488		66.5	4.14	10.35	0.16	0.35	<0.01	0.033	1.79	28.1	21.6	1.69	493	1.31	0.07	0.33
97489		52.3	5.00	14.30	0.19	0.38	<0.01	0.045	2.45	26.5	30.1	2.36	511	5.58	0.07	0.38
97490		63.5	4.01	10.40	0.15	0.41	<0.01	0.036	1.74	26.7	19.9	1.66	498	0.55	0.07	0.43



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 27-JAN-2023  
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Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365658**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
97451		100.5	2780	4.3	192.5	<0.001	0.20	<0.05	4.0	0.2	0.4	67.2	<0.01	0.01	3.5	0.230
97452		<0.2	90	0.7	0.9	<0.001	<0.01	<0.05	0.4	1.4	<0.2	79.4	<0.01	0.01	<0.2	<0.005
97453		155.5	3110	1.0	219	<0.001	0.01	<0.05	3.9	0.2	0.2	85.3	<0.01	0.01	2.6	0.238
97454		118.0	2960	1.4	103.5	<0.001	0.02	<0.05	4.2	<0.2	0.4	82.1	<0.01	<0.01	2.6	0.162
97455		80.3	620	3.7	92.6	<0.001	0.27	<0.05	13.2	0.3	0.8	14.5	<0.01	0.02	6.2	0.282
97456		67.4	980	2.5	57.8	<0.001	0.27	<0.05	9.9	0.2	0.6	13.2	<0.01	0.02	6.4	0.220
97457		107.0	690	2.8	99.9	0.001	0.21	<0.05	17.8	<0.2	1.0	8.3	<0.01	0.03	5.5	0.329
97458		81.1	600	2.8	69.3	0.001	0.34	<0.05	13.8	0.3	0.9	14.4	<0.01	0.04	5.7	0.276
97459		84.0	620	2.7	75.0	0.001	0.18	<0.05	14.4	<0.2	0.9	16.6	<0.01	0.03	6.0	0.284
97460		81.9	670	2.2	76.7	0.001	0.19	<0.05	16.1	<0.2	0.9	18.9	0.01	0.02	5.8	0.286
97461		59.7	880	1.9	40.8	<0.001	0.39	<0.05	10.8	0.3	0.5	13.6	<0.01	0.04	5.4	0.180
97462		58.3	850	1.8	40.3	0.001	0.39	<0.05	10.6	0.3	0.5	13.9	<0.01	0.03	5.3	0.181
97463		80.1	590	3.0	65.7	<0.001	0.42	<0.05	13.3	0.3	0.9	12.6	<0.01	0.04	8.0	0.243
97464		90.7	640	2.4	77.2	<0.001	0.22	<0.05	15.9	0.2	1.0	10.1	<0.01	0.04	6.3	0.278
97465		89.1	610	2.5	76.7	<0.001	0.22	<0.05	15.4	0.2	1.0	9.8	<0.01	0.04	6.2	0.279
97466		73.4	600	3.0	61.7	<0.001	0.43	<0.05	12.1	0.2	0.8	12.6	<0.01	0.05	7.8	0.224
97467		81.9	640	2.6	68.2	0.001	0.38	<0.05	13.8	0.4	0.9	11.6	<0.01	0.04	6.7	0.240
97468		75.8	600	2.5	64.4	<0.001	0.38	<0.05	13.6	0.3	0.8	11.8	<0.01	0.05	6.9	0.233
97469		84.6	510	2.2	63.6	<0.001	0.29	<0.05	13.7	0.2	0.9	13.0	<0.01	0.03	5.1	0.214
97470		63.3	490	3.0	51.1	<0.001	0.25	<0.05	9.9	<0.2	0.6	53.4	<0.01	0.04	6.0	0.199
97471		72.3	520	2.5	66.9	<0.001	0.28	<0.05	10.4	0.3	0.7	21.1	<0.01	0.04	6.2	0.233
97472		<0.2	70	0.4	0.4	<0.001	0.01	<0.05	0.4	1.7	<0.2	81.6	<0.01	<0.01	<0.2	<0.005
97473		77.0	560	2.3	81.2	<0.001	0.29	<0.05	12.4	0.2	0.8	8.4	<0.01	0.04	5.7	0.291
97474		21.2	2400	2.4	6.3	<0.001	0.90	<0.05	5.2	0.4	0.5	70.2	<0.01	0.04	4.6	0.192
97475		90.8	570	3.8	46.0	<0.001	0.42	<0.05	12.6	<0.2	0.6	25.0	<0.01	0.03	5.8	0.159
97476		80.3	540	2.1	71.4	0.001	0.20	<0.05	12.2	0.2	0.8	8.9	<0.01	0.04	5.0	0.250
97477		72.5	860	1.5	62.6	0.001	0.43	<0.05	15.8	0.3	0.6	13.6	<0.01	0.04	4.6	0.216
97478		77.8	540	1.6	71.6	0.001	0.26	<0.05	11.6	0.3	0.8	7.2	<0.01	0.03	4.5	0.232
97479		72.5	950	1.6	87.1	0.001	0.34	<0.05	20.5	0.3	0.8	12.0	<0.01	0.05	4.5	0.238
97480		76.9	620	2.0	56.9	<0.001	0.75	<0.05	12.6	0.3	0.8	13.8	<0.01	0.04	6.5	0.190
97481		90.2	540	1.9	72.8	0.001	0.33	<0.05	16.0	0.3	1.2	7.0	<0.01	0.01	5.2	0.249
97482		83.8	600	1.7	61.1	0.001	0.63	<0.05	13.7	0.4	1.0	6.5	<0.01	0.04	4.6	0.213
97483		89.1	590	1.4	70.3	0.001	0.36	<0.05	15.4	<0.2	0.9	5.7	<0.01	0.06	4.1	0.238
97484		83.7	510	1.7	70.5	<0.001	0.24	<0.05	14.0	0.2	0.9	6.0	<0.01	0.04	4.2	0.250
97485		50.7	1740	3.9	40.6	<0.001	0.25	0.18	7.7	0.3	0.5	18.1	<0.01	0.04	6.9	0.180
97486		59.8	1690	2.4	65.1	<0.001	0.13	<0.05	9.0	<0.2	0.5	16.9	<0.01	0.03	7.0	0.274
97487		76.0	510	2.9	70.7	0.001	0.37	<0.05	12.6	0.2	0.7	12.9	<0.01	0.06	7.5	0.268
97488		83.3	820	2.8	78.8	0.001	0.40	<0.05	14.2	0.4	0.8	13.7	0.01	0.03	7.0	0.313
97489		116.0	740	2.4	108.0	0.002	0.30	<0.05	19.5	0.4	1.0	13.6	<0.01	0.03	5.4	0.385
97490		84.5	590	2.6	73.0	0.001	0.55	0.06	14.3	0.4	1.0	12.1	<0.01	0.05	6.9	0.306



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 27-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365658**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	CRU-QC	PUL-QC
		Tl	U	V	W	Y	Zn	Zr	Pass2mm	Pass75um
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.02	0.05	1	0.05	0.05	2	0.5	0.01	0.01
97451		1.05	0.74	94	0.08	8.08	79	11.5	76.3	95.5
97452		<0.02	0.08	1	<0.05	2.32	2	<0.5		
97453		1.22	0.30	99	0.13	8.66	78	3.8		95.1
97454		0.65	0.50	62	0.13	6.88	51	6.1		
97455		0.55	1.55	95	0.12	9.89	79	12.3		
97456		0.37	1.52	76	0.09	8.81	66	9.8		
97457		0.61	1.43	117	0.18	8.62	91	10.6		
97458		0.38	1.49	95	0.12	8.29	78	14.1		98.8
97459		0.43	1.63	100	0.14	8.22	81	11.3		98.1
97460		0.42	1.60	104	0.09	8.52	80	12.7		
97461		0.23	1.42	70	0.07	8.22	66	13.4		
97462		0.24	1.45	70	0.08	7.85	54	13.1		
97463		0.37	2.38	96	0.09	9.99	79	13.4		
97464		0.45	1.72	104	0.13	7.11	84	11.1		
97465		0.45	1.88	105	0.11	6.76	85	11.0		
97466		0.37	2.16	87	0.08	9.97	77	12.7		
97467		0.41	1.79	97	0.08	9.47	81	14.9		
97468		0.39	1.80	89	0.08	9.28	75	15.2		
97469		0.36	1.49	99	0.13	6.29	75	10.2		
97470		0.27	1.85	72	0.11	6.04	64	9.6		
97471		0.38	1.74	74	0.12	7.69	71	9.5		
97472		<0.02	0.18	<1	<0.05	2.33	<2	<0.5		
97473		0.52	1.56	90	0.11	7.14	76	11.1		96.8
97474		0.05	1.14	41	0.24	10.35	19	5.7		97.5
97475		0.30	1.68	90	0.09	5.49	72	11.4	70.0	
97476		0.41	1.47	89	0.08	5.16	80	10.8		
97477		0.36	1.17	95	0.08	6.64	64	11.4		
97478		0.42	1.30	87	0.13	5.24	76	10.5		
97479		0.53	1.21	122	0.10	7.79	86	7.8		
97480		0.36	1.59	91	0.06	8.52	69	15.3		
97481		0.48	1.36	111	0.09	6.53	89	13.4		
97482		0.36	1.55	98	0.09	5.61	76	14.9		
97483		0.39	1.25	107	0.14	5.01	76	11.7		
97484		0.41	1.22	99	0.12	4.65	72	11.1		
97485		0.27	1.67	62	0.09	9.52	55	18.5		
97486		0.41	1.54	75	4.11	10.55	62	17.0		
97487		0.44	1.87	90	0.08	9.19	72	13.7		
97488		0.49	1.79	108	0.09	10.50	78	15.6		
97489		0.65	1.34	140	0.16	8.89	91	17.6		92.3
97490		0.43	1.64	98	0.09	10.35	79	18.6	92.4	97.6

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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To: MINROC MANAGEMENT LTD.  
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Page: 3 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
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**CERTIFICATE OF ANALYSIS SD22365658**

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Units		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
LOD		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
97491		1.39	0.14	1.72	<0.1	<0.02	<10	340	0.10	0.20	0.30	0.03	56.6	22.8	180	2.66
97492		1.46	0.12	1.73	<0.1	<0.02	<10	330	0.12	0.21	0.31	0.02	65.0	21.6	193	2.74
97493		4.41	0.10	1.91	<0.1	<0.02	<10	550	0.13	0.18	0.21	0.02	53.9	23.0	185	3.01
97494		4.08	0.11	1.85	<0.1	<0.02	<10	440	0.14	0.25	0.43	0.03	77.5	21.7	238	2.44
97495		<0.02	0.12	1.86	<0.1	<0.02	<10	410	0.15	0.25	0.43	0.02	79.8	22.8	239	2.51
97496		4.67	0.07	2.95	<0.1	<0.02	<10	720	0.18	0.13	0.15	0.01	38.8	25.5	211	3.54
97497		4.46	0.05	2.70	<0.1	<0.02	<10	720	0.27	0.12	0.40	0.02	72.7	24.2	266	3.22
97498		4.68	0.06	2.80	<0.1	<0.02	<10	730	0.24	0.12	0.31	0.02	44.3	26.2	288	3.34
97499		4.49	0.06	3.45	<0.1	<0.02	<10	880	0.24	0.15	0.34	0.03	55.6	30.8	348	4.28
97500		3.65	0.07	3.21	<0.1	<0.02	<10	420	0.14	0.22	0.18	0.04	32.7	24.2	183	2.68

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 3 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 27-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365658
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Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
97491		102.5	3.73	8.61	0.16	0.37	<0.01	0.029	1.45	28.4	17.0	1.61	393	7.02	0.04	0.27
97492		92.1	3.65	8.55	0.16	0.37	<0.01	0.029	1.50	32.4	17.6	1.64	396	9.09	0.05	0.29
97493		63.6	3.83	9.76	0.17	0.33	<0.01	0.030	1.68	25.5	19.1	1.78	404	0.35	0.04	0.25
97494		57.8	3.62	8.90	0.20	0.38	<0.01	0.026	1.43	39.9	16.2	1.80	382	0.60	0.04	0.27
97495		59.0	3.63	9.15	0.19	0.37	<0.01	0.028	1.45	40.5	16.5	1.84	380	0.57	0.04	0.21
97496		55.3	4.56	13.55	0.16	0.25	<0.01	0.044	2.30	18.2	25.3	2.16	523	1.77	0.04	0.31
97497		52.8	4.12	12.00	0.21	0.23	<0.01	0.035	2.11	34.1	21.4	2.27	481	1.26	0.04	0.37
97498		70.5	4.31	11.85	0.19	0.17	<0.01	0.030	2.13	21.0	22.7	2.34	438	1.53	0.05	0.28
97499		62.9	5.02	14.35	0.23	0.17	<0.01	0.044	2.63	26.1	29.3	3.09	526	1.95	0.06	0.21
97500		56.8	4.63	8.89	0.12	0.12	<0.01	0.041	2.18	15.3	20.1	2.14	310	1.63	0.08	0.21

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*





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Page: 3 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 27-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365658**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005	
97491	74.5	720	2.7	55.2	0.003	0.70	<0.05	11.1	0.6	0.8	10.3	<0.01	0.04	7.5	0.258	
97492	75.0	810	2.8	57.9	0.004	0.65	<0.05	11.2	0.5	0.8	11.1	0.01	0.04	8.0	0.266	
97493	81.9	660	2.9	67.1	<0.001	0.56	<0.05	14.4	0.6	0.8	12.2	<0.01	0.04	6.6	0.285	
97494	94.9	1060	2.9	56.3	0.001	0.68	<0.05	10.8	0.4	0.8	15.4	<0.01	0.05	6.2	0.252	
97495	97.5	1070	2.9	58.7	<0.001	0.70	<0.05	11.3	0.6	0.9	15.0	<0.01	0.05	7.0	0.257	
97496	106.0	570	2.5	88.2	0.001	0.32	<0.05	17.9	0.4	1.1	4.7	<0.01	0.04	4.7	0.335	
97497	105.5	1180	3.0	83.6	0.001	0.20	<0.05	13.8	<0.2	1.0	18.7	<0.01	0.03	6.6	0.313	
97498	112.5	740	2.5	90.9	0.001	0.29	<0.05	15.3	0.5	0.8	13.8	<0.01	0.05	4.8	0.310	
97499	132.5	960	3.3	116.5	0.001	0.27	<0.05	19.6	0.4	1.0	14.3	<0.01	0.05	5.6	0.334	
97500	119.5	600	2.4	85.5	0.001	0.36	<0.05	13.6	0.2	0.9	3.8	<0.01	0.05	3.7	0.275	

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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Page: 3 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 27-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365658
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Sample Description	Method Analyte Units LOD	ME-MS41 TI ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
97491		0.33	1.73	83	0.11	9.14	71	16.0		94.5
97492		0.35	1.97	83	0.10	9.67	72	16.6		88.1
97493		0.41	1.62	99	0.07	10.00	75	14.2		
97494		0.34	1.58	88	0.07	9.47	66	16.6		
97495		0.36	1.61	89	0.08	9.44	68	16.3		
97496		0.51	1.30	123	0.17	6.12	86	11.0		
97497		0.46	1.64	105	0.11	12.35	81	12.9		
97498		0.53	1.39	113	0.14	7.77	75	7.1		
97499		0.68	1.44	140	0.14	11.40	109	8.3		
97500		0.56	1.11	116	0.09	4.36	36	4.9		

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Page: Appendix 1  
 Total # Appendix Pages: 1  
 Finalized Date: 27-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365658**

	<b>CERTIFICATE COMMENTS</b>												
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).            ME-MS41</p>												
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-22</td> <td style="width: 15%;">LOG-22d</td> </tr> <tr> <td>PUL-31</td> <td>PUL-31d</td> <td>PUL-QC</td> <td>SPL-21</td> </tr> <tr> <td>SPL-21d</td> <td>WEI-21</td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-22	LOG-22d	PUL-31	PUL-31d	PUL-QC	SPL-21	SPL-21d	WEI-21		
CRU-31	CRU-QC	LOG-22	LOG-22d										
PUL-31	PUL-31d	PUL-QC	SPL-21										
SPL-21d	WEI-21												
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.            ME-MS41</p>												



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Page: 1  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
 This copy reported on  
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 Account: MINMAN

**SD22365681**

Project: LAL-VIC 2022 DDH  
 P.O. No.: BATCH 22  
 This report is for 50 samples of 1/2 Core submitted to our lab in Sudbury, ON,  
 Canada on 19-DEC-2022.

The following have access to data associated with this certificate:

SAHIL ALURKAR  
 FRANCIS NEWTON

FRANCIS NEWTON  
 BRIAN NEWTON

BRIAN NEWTON  
 ACCESS WEBTRIEVE

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-22d	Sample login - Rcd w/o BarCode dup
PUL-31d	Pulverize Split - duplicate
SPL-21d	Split sample - duplicate
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS41	Ultra Trace Aqua Regia ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**



Saa Traxler, Director, North Vancouver Operations



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Page: 2 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365681**

Sample Description	Method Analyte Units LOD	WEI-21	CRU-QC	PUL-QC	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Recvd Wt. kg	Pass2mm %	Pass75um %	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm
90001		3.31	89.4	91.8	0.14	2.88	0.4	<0.02	<10	400	0.17	0.56	0.17	0.13	28.6	33.7
90002		1.25			<0.01	0.03	<0.1	<0.02	<10	10	<0.05	0.01	>25.0	0.01	1.36	1.9
90003		2.62			0.05	3.41	1.0	<0.02	<10	310	0.30	0.21	0.86	0.08	46.4	31.8
90004		2.77			0.08	3.04	0.4	<0.02	<10	330	0.19	0.18	0.15	0.02	23.1	29.2
90005		2.38			0.16	2.17	0.1	<0.02	<10	180	0.17	0.29	0.16	0.03	46.3	29.4
90006		4.23			0.69	0.86	0.2	<0.02	<10	40	0.13	2.06	0.27	6.73	46.4	73.4
90007		3.47		94.7	0.04	0.58	0.9	<0.02	<10	110	0.11	0.53	1.83	0.04	1.60	43.1
90008		4.76			0.16	0.41	0.7	<0.02	<10	80	0.13	1.34	1.02	0.03	1.85	117.5
90009		3.85			0.04	0.26	0.9	<0.02	<10	10	0.12	0.80	9.27	0.06	0.81	50.6
90010		2.12			0.01	1.68	0.1	<0.02	<10	360	0.22	0.11	0.76	0.01	33.5	21.5
90011		3.89			0.04	0.42	1.9	<0.02	<10	10	0.15	0.80	6.59	0.07	3.37	47.2
90012		<0.02			0.03	0.38	1.8	<0.02	<10	10	0.14	0.80	6.52	0.07	3.51	47.2
90013		4.54			0.07	0.29	2.7	<0.02	<10	10	0.12	0.54	13.65	0.12	3.76	54.8
90014		1.69			0.03	2.02	11.9	<0.02	<10	450	0.26	0.26	0.80	0.02	4.68	38.2
90015		1.49			0.04	2.18	11.7	<0.02	<10	480	0.27	0.28	0.73	0.02	5.52	41.1
90016		4.65			0.07	3.23	4.9	<0.02	<10	650	0.38	0.24	0.54	0.01	14.60	48.0
90017		2.58			0.04	2.21	85.0	<0.02	<10	340	0.17	0.25	0.18	0.01	0.26	44.3
90018		2.73			0.08	4.02	112.0	<0.02	<10	840	0.53	0.28	1.23	0.03	61.9	47.1
90019		4.06			0.15	1.37	0.2	<0.02	<10	<10	<0.05	0.79	1.07	0.02	1.44	80.7
90020		4.27			0.17	1.17	<0.1	<0.02	<10	<10	<0.05	0.91	1.21	0.03	0.85	86.9
90021		3.16			0.26	2.45	0.2	<0.02	<10	140	0.29	1.08	0.38	0.04	6.93	71.7
90022		1.22			<0.01	0.03	<0.1	<0.02	<10	10	<0.05	0.01	>25.0	0.01	1.08	2.1
90023		1.02			0.29	1.29	0.1	<0.02	<10	120	0.40	0.56	1.45	0.16	80.3	36.8
90024		2.88			0.54	0.12	0.4	<0.02	<10	<10	0.05	2.05	0.23	14.30	76.3	86.1
90025		2.82			0.87	0.14	0.5	<0.02	<10	10	0.08	2.48	0.60	19.00	34.8	57.0
90026		1.96			0.51	0.15	0.5	<0.02	<10	10	0.08	1.57	3.47	7.80	28.4	40.3
90027		4.72			0.51	0.65	0.8	<0.02	<10	60	0.11	1.63	0.35	15.50	55.3	65.8
90028		3.36			0.02	1.95	1.7	<0.02	<10	260	0.55	0.18	0.98	0.14	19.95	24.5
90029		4.41			0.11	2.72	2.0	<0.02	<10	120	0.05	0.35	0.14	0.03	0.60	59.3
90030		4.70			0.07	2.41	0.4	<0.02	<10	<10	<0.05	0.31	0.11	0.01	0.41	68.8
90031		4.35			0.07	2.21	0.2	<0.02	<10	<10	<0.05	0.34	0.11	0.01	0.35	66.2
90032		4.28			0.08	2.43	0.7	<0.02	<10	<10	<0.05	0.32	0.12	0.01	0.47	66.6
90033		4.29			0.08	2.79	0.1	<0.02	<10	<10	<0.05	0.29	0.11	0.01	0.53	65.4
90034		4.43			0.06	2.64	1.8	<0.02	<10	<10	<0.05	0.28	0.11	0.01	0.41	67.5
90035		4.46			0.07	2.96	1.6	<0.02	<10	310	0.09	0.26	0.16	0.01	0.70	60.0
90036		4.27			0.06	2.38	0.2	<0.02	<10	<10	<0.05	0.27	0.10	0.01	0.33	65.3
90037		4.71			0.06	2.50	1.1	<0.02	<10	30	<0.05	0.27	0.11	0.01	0.42	64.8
90038		4.88			0.06	2.86	0.1	<0.02	<10	20	<0.05	0.34	0.13	0.01	1.85	76.2
90039		4.59		88.0	0.13	2.71	0.4	<0.02	<10	360	0.12	0.36	0.15	0.01	0.31	64.0
90040		3.44	81.3	87.5	0.06	2.66	1.6	<0.02	<10	530	0.17	0.23	0.18	0.01	0.20	50.9

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Page: 2 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365681**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cr	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		1	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
90001		186	3.64	106.0	4.77	12.95	0.12	0.10	<0.01	0.067	2.03	14.1	19.0	2.01	331	3.59
90002		2	<0.05	4.4	0.10	0.12	<0.05	0.03	<0.01	<0.005	0.01	1.4	0.3	1.09	103	0.06
90003		396	4.58	46.2	4.69	12.50	0.17	0.08	<0.01	0.040	2.18	22.8	19.7	2.91	388	1.55
90004		180	3.92	65.1	4.84	13.40	0.11	0.11	<0.01	0.047	2.19	11.2	22.0	1.98	404	3.15
90005		167	2.78	69.0	4.63	10.65	0.10	0.25	<0.01	0.042	1.68	22.7	18.5	1.89	529	1.98
90006		103	1.28	441	9.44	5.50	0.15	0.29	<0.01	1.060	0.55	22.0	10.2	0.90	245	9.80
90007		351	0.62	59.4	1.52	1.72	<0.05	0.02	<0.01	0.012	0.21	0.8	6.6	0.81	326	2.03
90008		359	0.29	169.0	2.90	1.44	0.05	0.03	<0.01	0.015	0.09	0.9	3.3	0.59	273	4.74
90009		169	0.16	50.5	1.08	0.90	<0.05	0.02	<0.01	<0.005	0.01	0.4	2.0	0.30	892	1.02
90010		596	3.69	6.7	2.20	4.52	0.08	0.12	<0.01	0.007	1.17	15.9	21.1	2.05	302	0.17
90011		294	0.14	47.6	1.17	1.61	<0.05	0.04	<0.01	0.009	0.02	1.7	3.1	0.58	706	2.34
90012		259	0.14	47.1	1.08	1.45	<0.05	0.04	<0.01	0.007	0.02	1.8	3.1	0.53	674	2.46
90013		191	0.14	79.9	1.49	1.06	<0.05	0.03	<0.01	0.007	0.02	1.8	2.7	0.39	1645	0.16
90014		681	7.56	17.1	2.59	6.54	0.05	0.04	<0.01	0.012	1.68	2.1	24.5	2.79	350	1.11
90015		731	8.33	15.6	2.83	7.25	0.07	0.04	<0.01	0.012	1.80	2.3	26.5	2.97	360	1.31
90016		1085	13.00	30.7	4.18	9.62	0.12	0.05	<0.01	0.021	3.07	7.1	34.3	4.79	406	2.54
90017		1095	9.84	19.0	2.41	7.48	0.07	<0.02	<0.01	0.011	2.18	<0.2	24.2	3.81	204	3.60
90018		661	13.15	19.2	5.22	12.20	0.21	0.08	<0.01	0.033	3.32	28.9	43.7	5.61	542	6.46
90019		956	0.17	56.2	4.06	3.63	0.10	<0.02	<0.01	0.014	0.01	0.8	2.8	2.99	358	0.30
90020		854	0.12	58.7	4.53	3.10	0.12	<0.02	<0.01	0.021	<0.01	0.5	2.3	2.80	402	0.37
90021		1070	7.01	119.0	4.97	8.09	0.12	0.06	<0.01	0.019	1.62	3.1	17.3	4.42	300	1.42
90022		6	0.05	5.2	0.11	0.13	<0.05	0.04	0.01	<0.005	0.02	1.2	0.3	1.18	106	<0.05
90023		249	3.05	227	4.89	6.17	0.14	0.45	<0.01	0.052	0.77	36.2	12.3	1.94	259	0.32
90024		13	<0.05	658	12.10	0.54	0.16	0.85	0.01	1.330	<0.01	37.5	0.4	0.06	44	6.39
90025		29	<0.05	388	7.72	1.06	0.08	0.25	0.01	3.54	0.01	17.5	0.8	0.09	103	7.28
90026		7	<0.05	386	5.15	0.81	0.07	0.25	<0.01	1.585	<0.01	14.9	0.8	0.06	442	2.05
90027		90	0.72	432	7.01	3.93	0.10	0.36	<0.01	2.47	0.16	26.2	10.1	0.52	134	27.1
90028		433	3.56	8.2	3.00	7.08	0.09	0.11	0.01	0.172	0.84	8.5	22.6	2.80	357	2.20
90029		1140	2.77	71.0	4.15	6.78	0.06	<0.02	<0.01	0.008	0.62	0.3	20.6	4.37	272	0.20
90030		1375	0.34	79.5	3.87	5.89	0.07	<0.02	<0.01	0.008	0.01	0.2	9.7	4.09	213	0.13
90031		1285	0.34	83.4	3.46	5.98	<0.05	<0.02	<0.01	0.008	0.01	0.2	6.3	3.85	177	0.09
90032		1360	0.30	92.5	3.78	6.12	0.06	<0.02	0.01	0.008	0.01	0.2	6.3	4.24	194	0.07
90033		1260	0.37	95.4	4.19	6.34	0.08	<0.02	<0.01	0.011	0.01	0.2	7.6	4.74	221	0.09
90034		1475	0.40	79.8	3.83	6.89	0.07	<0.02	<0.01	0.009	0.01	0.2	8.2	4.47	215	0.08
90035		1325	7.15	60.6	4.19	7.68	0.06	<0.02	<0.01	0.006	1.59	0.3	32.3	4.99	252	0.09
90036		1375	0.40	91.3	3.66	5.78	0.07	<0.02	<0.01	0.008	0.02	<0.2	7.9	4.12	189	0.14
90037		1235	0.97	74.4	3.66	6.57	0.06	<0.02	<0.01	0.008	0.12	0.2	10.2	4.27	206	0.07
90038		1425	0.87	81.0	4.42	6.97	0.10	0.02	<0.01	0.009	0.08	0.8	14.0	4.76	267	0.22
90039		1380	8.57	106.5	4.09	7.33	0.09	<0.02	<0.01	0.005	1.96	<0.2	40.8	4.70	225	1.12
90040		1355	12.90	40.5	3.48	9.04	0.09	0.02	<0.01	<0.005	2.75	<0.2	53.1	4.56	235	0.05



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To: MINROC MANAGEMENT LTD.  
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Page: 2 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365681**

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
	Analyte	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LOD	0.01	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	
90001	0.06	0.21	134.5	500	3.0	105.0	0.003	0.66	<0.05	19.1	0.8	1.0	5.0	<0.01	0.10	
90002	<0.01	0.58	<0.2	70	0.3	0.4	<0.001	<0.01	<0.05	0.4	0.6	<0.2	80.5	0.01	<0.01	
90003	0.09	0.10	124.0	840	3.1	105.0	0.001	0.25	<0.05	18.3	0.3	0.8	17.6	<0.01	0.04	
90004	0.06	0.25	119.0	530	2.2	104.0	0.001	0.46	<0.05	16.9	0.3	0.9	3.2	<0.01	0.08	
90005	0.03	0.11	120.5	580	8.8	94.4	0.001	1.45	<0.05	15.0	0.7	1.1	3.5	<0.01	0.13	
90006	0.05	0.09	276	700	45.7	28.0	0.008	5.78	<0.05	10.8	4.9	1.4	7.8	<0.01	0.37	
90007	0.03	<0.05	783	210	2.2	10.2	0.001	0.48	<0.05	1.8	0.5	0.4	40.3	<0.01	0.09	
90008	0.05	<0.05	2130	90	3.6	3.6	0.002	1.43	<0.05	2.8	1.2	0.4	23.3	<0.01	0.28	
90009	0.03	0.07	1035	130	6.1	0.5	0.001	0.46	<0.05	1.5	0.4	0.3	160.0	<0.01	0.13	
90010	0.05	<0.05	130.5	1240	2.9	63.8	<0.001	0.02	<0.05	3.2	<0.2	0.2	13.1	<0.01	<0.01	
90011	0.05	0.07	866	190	5.8	0.7	0.001	0.34	<0.05	3.0	0.5	0.5	161.5	<0.01	0.11	
90012	0.04	0.05	844	190	5.8	0.6	0.001	0.34	<0.05	2.7	0.4	0.4	157.0	<0.01	0.15	
90013	0.03	<0.05	875	170	10.1	0.7	<0.001	0.60	<0.05	2.3	0.8	0.3	401	<0.01	0.13	
90014	0.03	<0.05	468	210	3.0	77.3	0.001	0.08	<0.05	2.2	0.2	0.6	23.2	<0.01	0.03	
90015	0.02	<0.05	487	240	3.2	86.1	0.001	0.08	<0.05	2.4	0.2	0.6	24.2	<0.01	0.03	
90016	0.02	<0.05	532	560	2.9	139.5	0.001	0.31	<0.05	5.2	0.3	0.8	21.8	<0.01	0.03	
90017	0.01	<0.05	688	10	1.9	109.0	0.002	0.12	<0.05	1.4	0.2	0.3	2.7	<0.01	0.07	
90018	0.03	0.05	535	1170	4.2	145.0	0.003	0.50	0.05	15.4	0.3	1.0	88.6	<0.01	0.07	
90019	<0.01	<0.05	1270	70	2.4	0.7	<0.001	1.84	<0.05	3.1	0.8	<0.2	43.6	<0.01	0.20	
90020	<0.01	<0.05	1360	50	3.0	0.2	0.001	2.27	<0.05	4.4	1.0	<0.2	54.1	<0.01	0.18	
90021	<0.01	<0.05	1080	230	8.2	74.1	0.001	1.68	<0.05	3.5	1.1	0.3	19.1	<0.01	0.18	
90022	<0.01	<0.05	4.3	80	0.4	0.6	<0.001	0.02	<0.05	0.3	0.4	<0.2	81.4	<0.01	<0.01	
90023	0.05	0.08	121.0	2200	20.0	32.8	0.001	1.93	<0.05	4.9	2.2	1.2	103.0	<0.01	0.10	
90024	0.08	0.53	420	470	34.3	0.1	0.009	4.88	<0.05	2.3	7.7	2.2	9.0	<0.01	0.46	
90025	0.05	0.81	315	840	104.0	0.3	0.010	5.10	<0.05	1.6	5.6	3.9	10.5	<0.01	0.39	
90026	0.07	1.20	151.5	830	57.5	0.1	0.004	2.91	<0.05	1.9	4.2	3.3	55.3	<0.01	0.28	
90027	0.06	0.56	330	760	58.0	5.9	0.019	3.57	<0.05	7.3	5.2	1.6	11.0	<0.01	0.24	
90028	0.12	<0.05	200	750	3.6	37.8	0.001	0.05	<0.05	4.9	<0.2	1.3	35.4	<0.01	0.02	
90029	0.01	<0.05	701	120	2.4	27.9	0.001	0.85	<0.05	1.3	0.6	<0.2	3.5	<0.01	0.09	
90030	<0.01	<0.05	927	70	0.9	0.8	0.001	0.93	<0.05	1.5	0.4	<0.2	2.6	<0.01	0.10	
90031	<0.01	<0.05	852	50	0.7	0.6	<0.001	0.81	<0.05	1.5	0.4	<0.2	2.5	<0.01	0.11	
90032	<0.01	<0.05	849	100	0.6	0.5	0.001	0.87	<0.05	1.6	0.4	<0.2	3.3	<0.01	0.11	
90033	<0.01	<0.05	766	170	1.0	0.6	0.001	0.85	<0.05	1.9	0.4	<0.2	4.4	<0.01	0.12	
90034	<0.01	<0.05	877	90	0.6	0.7	<0.001	0.72	<0.05	1.6	0.4	<0.2	3.3	<0.01	0.11	
90035	0.02	<0.05	779	90	2.0	72.2	<0.001	0.55	<0.05	1.8	0.4	<0.2	4.8	<0.01	0.07	
90036	<0.01	<0.05	892	80	0.6	1.0	<0.001	0.85	<0.05	1.4	0.7	<0.2	3.0	<0.01	0.09	
90037	<0.01	<0.05	778	110	0.9	6.6	<0.001	0.73	<0.05	1.5	0.5	<0.2	3.9	<0.01	0.10	
90038	<0.01	<0.05	949	210	2.2	4.3	<0.001	0.97	<0.05	1.7	0.7	<0.2	6.7	<0.01	0.12	
90039	0.02	<0.05	882	60	3.6	83.6	0.002	0.70	<0.05	1.5	0.6	<0.2	3.5	<0.01	0.10	
90040	0.03	<0.05	702	10	3.3	120.0	<0.001	0.22	<0.05	1.5	0.4	<0.2	2.8	<0.01	0.04	



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365681**

Sample Description	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
Method Analyte Units LOD	0.2	0.005	0.02	0.05	1	0.05	0.05	2	0.5
90001	2.9	0.248	0.78	1.18	119	0.11	4.34	114	4.4
90002	0.2	<0.005	<0.02	0.45	<1	<0.05	3.21	2	0.5
90003	4.2	0.253	0.87	1.24	131	0.09	7.88	95	3.2
90004	2.6	0.286	1.16	0.95	115	0.11	4.02	81	4.3
90005	4.7	0.195	1.90	1.20	105	0.08	5.57	101	9.6
90006	4.2	0.078	0.63	0.78	66	0.20	7.93	2670	11.8
90007	<0.2	0.056	0.16	<0.05	19	<0.05	1.60	46	<0.5
90008	<0.2	0.056	0.09	0.05	20	0.05	2.22	31	0.6
90009	<0.2	0.051	<0.02	<0.05	11	0.12	2.57	13	<0.5
90010	2.6	0.148	0.76	0.60	45	0.06	3.43	37	5.1
90011	0.2	0.055	0.02	0.06	18	0.17	3.31	19	0.8
90012	0.2	0.047	0.02	0.06	16	0.21	3.16	15	0.7
90013	0.2	0.029	0.02	0.09	11	0.08	4.05	12	0.6
90014	0.4	0.140	0.86	0.12	49	<0.05	1.09	96	1.2
90015	0.4	0.146	0.97	0.14	53	<0.05	1.17	98	1.2
90016	1.1	0.212	1.59	0.23	99	<0.05	1.92	112	2.1
90017	<0.2	0.111	1.20	<0.05	49	<0.05	0.27	82	<0.5
90018	4.1	0.270	1.59	0.83	124	0.06	9.63	168	3.5
90019	<0.2	0.005	0.05	<0.05	46	<0.05	1.30	21	<0.5
90020	<0.2	<0.005	0.04	<0.05	45	<0.05	1.30	20	<0.5
90021	0.7	0.102	0.85	0.21	71	<0.05	1.66	93	2.5
90022	0.5	<0.005	<0.02	0.46	<1	<0.05	2.49	3	1.0
90023	5.1	0.112	0.37	1.52	63	0.10	9.09	178	20.4
90024	8.1	0.064	<0.02	1.44	9	0.10	10.05	3910	31.6
90025	3.0	0.121	<0.02	0.51	16	0.18	6.90	8900	9.1
90026	2.0	0.174	<0.02	0.23	21	0.21	9.44	4070	8.0
90027	5.3	0.122	0.06	0.81	45	0.23	9.48	7900	13.9
90028	1.4	0.144	0.32	0.39	78	0.09	4.13	387	3.9
90029	<0.2	0.078	0.27	<0.05	66	0.27	0.63	59	<0.5
90030	<0.2	0.038	<0.02	<0.05	58	0.34	0.53	34	<0.5
90031	<0.2	0.036	<0.02	<0.05	55	0.48	0.56	30	<0.5
90032	<0.2	0.034	<0.02	<0.05	63	0.54	0.70	31	<0.5
90033	<0.2	0.031	<0.02	<0.05	76	0.53	0.72	38	<0.5
90034	<0.2	0.031	<0.02	<0.05	64	0.44	0.57	42	<0.5
90035	<0.2	0.107	0.62	<0.05	78	0.25	0.61	58	<0.5
90036	<0.2	0.030	<0.02	<0.05	59	0.36	0.54	32	<0.5
90037	<0.2	0.038	0.06	<0.05	62	0.53	0.68	35	<0.5
90038	0.2	0.038	0.04	<0.05	69	0.71	0.92	41	0.6
90039	<0.2	0.121	0.66	<0.05	64	0.18	0.48	42	<0.5
90040	<0.2	0.143	0.94	0.05	60	0.24	0.42	62	<0.5





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Page: 3 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365681
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Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	CRU-QC Pass2mm %	PUL-QC Pass75um %	ME-MS41 Ag ppm	ME-MS41 Al %	ME-MS41 As ppm	ME-MS41 Au ppm	ME-MS41 B ppm	ME-MS41 Ba ppm	ME-MS41 Be ppm	ME-MS41 Bi ppm	ME-MS41 Ca %	ME-MS41 Cd ppm	ME-MS41 Ce ppm	ME-MS41 Co ppm
90041		1.30	0.01	0.01	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1
90042		1.25			0.05	2.51	0.3	<0.02	<10	570	0.22	0.15	0.25	0.03	7.79	41.0
90043		3.30			0.07	2.38	1.2	<0.02	<10	530	0.22	0.19	0.30	0.03	4.66	41.0
90044		3.34			0.13	2.76	0.4	<0.02	<10	510	0.32	0.72	0.20	0.03	0.77	48.8
90045		<0.02			0.01	3.73	2.7	<0.02	<10	480	0.31	0.25	0.23	0.01	8.01	51.1
90046		3.18			0.02	3.66	3.4	<0.02	<10	480	0.31	0.50	0.21	0.01	6.47	51.8
90047		2.89			0.04	2.65	0.5	<0.02	<10	340	0.23	0.55	0.18	0.04	0.63	54.3
90048		4.35			0.06	1.72	0.2	<0.02	<10	30	<0.05	0.37	0.23	0.06	0.50	66.2
90049		4.35			0.02	1.78	<0.1	<0.02	<10	10	<0.05	0.40	2.77	0.07	1.81	58.6
90050		4.42			0.01	1.30	3.5	<0.02	<10	10	<0.05	0.80	3.69	0.09	1.29	51.7
					0.02	1.29	6.4	<0.02	<10	10	<0.05	0.66	3.37	0.08	1.06	49.7

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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Page: 3 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
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Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365681**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cr	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		1	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
90041		1045	12.30	17.8	3.35	9.04	0.08	0.03	<0.01	0.011	2.42	3.4	51.2	4.22	285	<0.05
90042		992	11.60	19.9	3.22	8.87	0.10	0.03	<0.01	0.013	2.26	2.3	48.2	4.08	284	0.30
90043		1235	15.30	33.2	3.30	10.05	0.09	<0.02	<0.01	0.009	2.83	0.4	50.3	5.28	226	0.09
90044		1170	22.3	4.5	4.73	13.75	0.16	0.04	<0.01	0.008	2.91	3.3	55.6	7.38	366	1.36
90045		1145	22.3	4.3	4.66	13.65	0.16	0.04	<0.01	0.008	2.94	2.6	54.7	7.21	355	0.80
90046		1365	16.25	24.5	3.27	10.70	0.09	<0.02	<0.01	0.005	2.49	0.2	48.7	5.42	257	14.15
90047		1180	1.76	74.8	3.02	5.40	0.09	<0.02	<0.01	0.007	0.23	0.3	7.9	3.84	195	2.39
90048		1245	0.31	55.4	3.88	4.09	0.11	<0.02	<0.01	0.012	0.01	0.9	2.1	5.25	634	0.07
90049		983	0.28	19.0	3.68	3.24	0.13	<0.02	0.01	0.013	<0.01	0.5	1.3	5.24	716	0.21
90050		1005	0.22	16.4	3.64	3.21	0.11	<0.02	<0.01	0.011	<0.01	0.4	1.2	5.22	637	<0.05

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 3 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365681**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm
		0.01	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01
90041		0.04	<0.05	575	30	1.8	105.5	<0.001	0.08	<0.05	1.9	0.2	0.2	8.5	<0.01	0.03
90042		0.05	<0.05	557	<10	3.8	101.5	0.001	0.09	<0.05	2.1	0.2	0.2	9.1	<0.01	0.02
90043		0.03	<0.05	904	<10	7.7	131.0	<0.001	0.06	<0.05	1.7	0.4	<0.2	6.6	<0.01	0.05
90044		0.03	<0.05	719	210	0.6	154.5	0.001	0.03	<0.05	4.9	0.2	0.2	19.9	<0.01	0.03
90045		0.03	<0.05	709	210	0.6	155.5	<0.001	0.03	<0.05	4.8	<0.2	0.2	19.3	<0.01	0.03
90046		0.02	<0.05	909	<10	1.9	138.0	0.005	0.06	<0.05	1.4	0.3	<0.2	8.4	<0.01	0.08
90047		<0.01	<0.05	1110	20	2.2	13.5	0.001	0.70	<0.05	2.0	0.5	<0.2	9.9	<0.01	0.12
90048		<0.01	<0.05	985	160	0.9	0.4	<0.001	0.72	<0.05	5.7	0.5	<0.2	228	<0.01	0.09
90049		<0.01	<0.05	828	70	1.5	0.3	<0.001	0.24	<0.05	10.5	0.2	<0.2	368	<0.01	0.14
90050		<0.01	<0.05	796	30	1.4	0.2	<0.001	0.18	<0.05	10.3	<0.2	<0.2	348	<0.01	0.14

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 3 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365681
------------------------------------

Sample Description	Method Analyte Units LOD	ME-MS41 Th ppm 0.2	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
90041		0.3	0.152	0.81	0.07	71	0.14	0.79	101	0.9
90042		0.3	0.145	0.77	0.06	69	0.10	0.92	99	1.1
90043		<0.2	0.114	0.98	0.05	65	<0.05	0.35	76	<0.5
90044		0.8	0.150	1.17	0.13	89	0.22	1.98	100	2.0
90045		0.8	0.145	1.17	0.14	88	0.09	1.89	95	1.9
90046		<0.2	0.116	1.03	0.05	52	0.06	0.57	63	<0.5
90047		<0.2	0.031	0.11	<0.05	52	0.08	0.53	30	<0.5
90048		<0.2	0.015	<0.02	<0.05	70	0.30	3.61	27	<0.5
90049		<0.2	0.011	<0.02	<0.05	55	0.22	5.06	22	<0.5
90050		<0.2	0.011	<0.02	<0.05	55	0.23	4.52	22	<0.5

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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Page: Appendix 1  
 Total # Appendix Pages: 1  
 Finalized Date: 17-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365681**

	<b>CERTIFICATE COMMENTS</b>												
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).            ME-MS41</p>												
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-22</td> <td style="width: 15%;">LOG-22d</td> </tr> <tr> <td>PUL-31</td> <td>PUL-31d</td> <td>PUL-QC</td> <td>SPL-21</td> </tr> <tr> <td>SPL-21d</td> <td>WEI-21</td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-22	LOG-22d	PUL-31	PUL-31d	PUL-QC	SPL-21	SPL-21d	WEI-21		
CRU-31	CRU-QC	LOG-22	LOG-22d										
PUL-31	PUL-31d	PUL-QC	SPL-21										
SPL-21d	WEI-21												
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.            ME-MS41</p>												



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**OAKVILLE ON L6J 7J9**

Page: 1  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 25-JAN-2023  
 This copy reported on  
 27-JAN-2023  
 Account: MINMAN

**SD22365688**

Project: LAL-VIC 2022 DDH  
 P.O. No.: BATCH 24  
 This report is for 50 samples of 1/2 Core submitted to our lab in Sudbury, ON,  
 Canada on 19-DEC-2022.

The following have access to data associated with this certificate:

SAHIL ALURKAR  
 FRANCIS NEWTON

FRANCIS NEWTON  
 BRIAN NEWTON

BRIAN NEWTON  
 ACCESS WEBTRIEVE

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS41	Ultra Trace Aqua Regia ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**

Saa Traxler, Director, North Vancouver Operations



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Page: 2 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 25-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365688**

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Units		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
LOD		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
90101		5.27	0.10	3.06	0.3	<0.02	<10	540	0.17	0.39	0.35	0.03	1.83	65.5	1390	18.15
90102		0.65	<0.01	0.04	0.1	<0.02	<10	20	<0.05	0.01	>25.0	0.01	0.96	1.2	8	0.11
90103		4.38	0.03	1.56	<0.1	<0.02	<10	20	<0.05	0.23	4.49	0.06	2.17	57.6	1095	0.54
90104		4.57	0.01	2.04	2.1	<0.02	<10	10	<0.05	0.18	2.86	0.04	1.07	57.6	1360	1.20
90105		4.62	0.01	1.34	0.5	<0.02	<10	10	<0.05	0.28	5.17	0.06	1.48	48.5	982	0.35
90106		4.37	0.01	1.82	0.5	<0.02	<10	10	<0.05	0.25	3.33	0.05	2.19	50.3	1245	2.33
90107		5.64	0.01	2.18	2.0	<0.02	<10	10	<0.05	0.13	2.37	0.04	4.00	44.0	1320	2.27
90108		4.36	<0.01	1.96	0.9	<0.02	<10	10	<0.05	0.21	3.61	0.05	1.15	48.1	1375	1.33
90109		5.20	0.01	1.84	1.4	<0.02	<10	10	<0.05	0.21	3.46	0.05	1.24	47.6	1335	0.97
90110		4.37	<0.01	1.70	1.4	<0.02	<10	10	<0.05	0.23	3.07	0.05	1.07	48.1	1325	0.79
90111		4.77	0.01	1.78	0.4	<0.02	<10	10	<0.05	0.18	3.66	0.05	1.13	45.3	1220	1.73
90112		<0.02	0.01	1.78	0.6	<0.02	<10	10	<0.05	0.20	3.88	0.06	1.26	47.3	1220	1.80
90113		4.49	0.01	1.91	0.9	<0.02	<10	10	<0.05	0.19	3.34	0.06	1.06	49.8	1390	1.15
90114		2.26	0.02	2.00	0.3	<0.02	<10	10	<0.05	0.24	2.88	0.05	0.88	56.2	1365	1.40
90115		2.16	0.01	2.01	0.4	<0.02	<10	10	<0.05	0.23	2.37	0.04	0.75	54.7	1390	1.56
90116		4.54	0.02	1.64	<0.1	<0.02	<10	30	<0.05	0.23	3.59	0.06	1.67	54.9	1200	1.12
90117		4.04	0.04	3.04	0.2	<0.02	<10	250	0.06	0.25	0.20	0.08	2.51	55.4	1220	20.6
90118		3.11	0.02	2.24	0.5	<0.02	<10	900	0.40	0.12	1.38	0.02	57.6	32.3	558	13.55
90119		3.05	0.03	3.07	0.5	<0.02	<10	1020	0.37	0.11	1.76	0.03	27.1	50.3	926	15.20
90120		3.54	0.02	3.71	0.5	<0.02	<10	1390	0.43	0.09	0.86	0.01	27.5	51.4	930	22.8
90121		3.89	0.02	1.86	<0.1	<0.02	<10	50	<0.05	0.15	2.56	0.03	2.09	59.0	1075	2.49
90122		0.57	<0.01	0.03	0.5	<0.02	<10	10	<0.05	0.01	>25.0	0.01	0.99	1.3	9	<0.05
90123		5.21	0.01	1.78	0.7	<0.02	<10	10	<0.05	0.19	3.89	0.04	2.09	60.9	1080	0.62
90124		5.04	0.01	3.04	<0.1	<0.02	<10	250	0.11	0.10	1.56	0.02	3.68	56.6	1165	21.6
90125		3.38	0.04	2.15	0.1	<0.02	<10	20	<0.05	0.22	1.47	0.04	2.51	69.8	1210	8.13
90126		3.38	0.01	3.50	<0.1	<0.02	<10	820	0.30	0.09	0.31	0.01	13.95	58.1	918	30.9
90127		3.73	0.03	2.60	0.6	<0.02	<10	660	0.26	0.18	1.80	0.04	9.93	67.1	1020	12.30
90128		2.93	0.02	3.01	0.2	<0.02	<10	1480	0.61	0.10	1.21	0.01	45.4	36.6	636	17.70
90129		4.07	0.01	2.45	0.3	<0.02	<10	680	0.76	0.11	2.07	0.03	75.1	27.3	193	12.85
90130		2.69	0.04	3.04	0.2	<0.02	<10	930	0.34	0.12	0.33	0.02	6.34	58.4	1195	17.25
90131		4.35	0.04	3.26	0.1	<0.02	<10	1330	0.36	0.05	0.58	0.03	43.1	41.6	680	15.05
90132		4.86	0.01	3.02	<0.1	<0.02	<10	1230	0.33	0.04	0.60	0.01	40.7	41.4	892	14.90
90133		5.14	0.01	3.52	<0.1	<0.02	<10	1420	0.34	0.06	0.59	0.01	22.9	48.4	968	14.60
90134		4.95	0.03	2.13	<0.1	<0.02	<10	770	0.59	0.07	2.77	0.04	71.9	26.4	375	5.58
90135		4.95	0.02	1.67	<0.1	<0.02	<10	870	0.60	0.08	1.32	0.03	52.8	23.7	388	4.43
90136		4.59	0.02	2.16	0.1	<0.02	<10	1060	0.69	0.06	1.45	0.04	68.9	23.3	280	6.27
90137		5.04	0.01	1.31	<0.1	<0.02	<10	330	0.57	0.05	2.29	0.04	57.1	15.4	173	1.31
90138		2.01	0.02	1.03	<0.1	<0.02	<10	260	0.55	0.04	2.30	0.03	46.8	10.8	38	0.28
90139		4.73	0.01	1.05	<0.1	<0.02	<10	280	0.59	0.04	2.25	0.04	47.7	13.3	125	0.18
90140		4.40	0.02	2.33	0.1	<0.02	<10	1350	0.43	0.06	1.29	0.02	39.5	35.9	708	7.77



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Page: 2 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 25-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365688**

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units LOD	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
90101		115.0	4.07	8.25	0.11	0.02	<0.01	0.005	2.03	1.1	42.5	5.72	265	<0.05	0.03	<0.05
90102		4.3	0.14	0.11	<0.05	<0.02	<0.01	<0.005	0.02	1.1	0.4	0.47	89	<0.05	<0.01	<0.05
90103		105.5	3.37	4.08	0.09	<0.02	<0.01	0.006	0.01	1.2	6.2	4.70	716	<0.05	0.02	<0.05
90104		57.5	3.96	4.88	0.10	<0.02	<0.01	0.010	0.02	0.4	6.9	5.26	550	0.37	0.02	<0.05
90105		42.2	3.54	3.39	0.09	<0.02	<0.01	0.011	<0.01	0.5	3.2	5.23	705	<0.05	0.01	<0.05
90106		43.5	3.84	4.30	0.10	<0.02	<0.01	0.012	0.04	0.8	5.9	5.56	562	<0.05	0.01	<0.05
90107		39.1	3.89	4.69	0.10	<0.02	<0.01	0.014	0.04	1.5	6.6	5.44	471	<0.05	0.02	<0.05
90108		34.5	3.97	4.45	0.10	<0.02	<0.01	0.015	0.02	0.4	5.7	6.03	607	<0.05	0.01	<0.05
90109		34.6	4.01	4.60	0.10	<0.02	<0.01	0.015	0.01	0.4	5.0	5.68	600	<0.05	0.01	<0.05
90110		37.6	3.98	4.22	0.09	<0.02	0.01	0.013	0.01	0.4	4.5	5.40	550	<0.05	0.01	<0.05
90111		45.3	3.77	4.11	0.10	<0.02	0.03	0.012	0.03	0.4	5.4	5.68	620	<0.05	0.01	<0.05
90112		42.3	3.78	4.24	0.10	<0.02	0.01	0.015	0.03	0.4	5.3	5.82	642	<0.05	0.01	<0.05
90113		48.4	3.99	4.46	0.11	<0.02	<0.01	0.013	0.02	0.3	5.5	5.68	589	<0.05	0.01	<0.05
90114		60.1	3.90	4.45	0.09	<0.02	<0.01	0.010	0.02	0.3	6.3	5.54	566	<0.05	0.01	<0.05
90115		50.1	3.91	4.70	0.10	<0.02	0.02	0.011	0.02	0.3	6.2	5.27	497	<0.05	0.01	<0.05
90116		86.1	3.30	4.08	0.08	<0.02	<0.01	0.008	0.02	0.8	5.8	4.62	596	<0.05	0.02	<0.05
90117		71.3	3.99	7.48	0.09	<0.02	<0.01	0.007	1.25	1.1	33.1	6.02	224	<0.05	0.04	<0.05
90118		8.6	2.90	6.08	0.14	0.11	<0.01	0.007	2.18	26.1	49.3	3.84	285	<0.05	0.08	<0.05
90119		46.6	4.11	8.04	0.13	0.05	<0.01	0.009	2.67	14.2	62.8	5.50	443	<0.05	0.05	<0.05
90120		14.6	4.68	9.42	0.16	0.07	<0.01	0.010	3.81	12.9	83.9	6.12	394	0.25	0.09	<0.05
90121		89.8	3.31	4.62	0.09	<0.02	<0.01	0.009	0.19	1.1	6.9	4.62	516	<0.05	0.01	<0.05
90122		4.5	0.12	0.09	<0.05	<0.02	<0.01	<0.005	0.01	1.2	0.2	0.51	90	<0.05	<0.01	<0.05
90123		78.8	3.55	4.29	0.09	<0.02	<0.01	0.006	0.02	1.0	4.6	5.20	709	<0.05	0.01	<0.05
90124		40.3	4.22	7.16	0.12	0.02	<0.01	0.005	1.32	1.6	40.2	6.91	406	<0.05	0.08	<0.05
90125		110.5	3.48	5.69	0.11	<0.02	0.01	0.006	0.21	1.4	21.7	5.07	340	0.05	0.06	<0.05
90126		39.8	4.43	9.64	0.18	0.05	<0.01	0.005	3.31	6.7	63.2	6.96	246	11.10	0.05	<0.05
90127		107.0	3.71	7.70	0.12	0.02	<0.01	0.006	2.08	5.2	38.0	5.30	429	0.05	0.02	<0.05
90128		5.6	3.82	8.61	0.17	0.11	<0.01	0.017	2.87	22.0	75.4	4.62	392	<0.05	0.08	0.05
90129		14.1	3.53	6.45	0.21	0.22	<0.01	0.015	1.66	34.5	45.3	3.67	423	<0.05	0.29	0.09
90130		84.3	3.80	8.74	0.14	0.02	0.02	0.007	2.93	2.9	62.5	5.42	262	<0.05	0.03	<0.05
90131		71.7	3.94	9.34	0.18	0.08	<0.01	0.008	2.89	20.7	82.4	5.12	313	<0.05	0.07	<0.05
90132		11.6	3.87	8.03	0.15	0.06	0.02	0.008	2.81	19.0	69.9	4.71	360	<0.05	0.05	<0.05
90133		4.1	4.49	9.18	0.15	0.05	<0.01	0.007	2.93	12.2	78.1	5.20	432	<0.05	0.07	<0.05
90134		44.2	3.32	5.51	0.17	0.22	<0.01	0.017	1.31	36.2	40.5	2.81	580	0.06	0.25	0.06
90135		10.9	2.51	4.92	0.13	0.29	0.01	0.015	1.10	24.4	33.6	2.55	311	0.06	0.18	0.07
90136		17.8	3.28	5.88	0.16	0.31	<0.01	0.016	1.45	33.6	48.5	3.09	407	0.06	0.20	0.10
90137		3.1	2.25	3.71	0.14	0.30	0.01	0.016	0.25	30.0	9.5	1.78	408	<0.05	0.36	0.10
90138		12.8	2.25	3.46	0.10	0.30	<0.01	0.023	0.15	25.3	8.1	0.93	499	0.06	0.32	0.22
90139		5.7	2.04	3.22	0.13	0.34	<0.01	0.019	0.09	23.9	5.9	1.47	377	0.05	0.34	0.25
90140		19.9	3.23	6.74	0.12	0.11	<0.01	0.013	2.18	19.0	63.6	3.78	379	0.11	0.10	0.06





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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 25-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365688**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
90101		886	90	11.1	105.0	<0.001	0.08	<0.05	1.7	0.3	<0.2	36.3	<0.01	0.05	0.2	0.107
90102		6.1	70	0.9	0.8	<0.001	0.01	<0.05	0.3	0.3	<0.2	81.4	<0.01	0.01	<0.2	<0.005
90103		912	80	3.4	1.1	0.001	0.37	<0.05	1.8	0.3	<0.2	644	<0.01	0.06	<0.2	0.012
90104		767	80	2.9	2.2	0.001	0.20	<0.05	3.8	0.3	<0.2	402	<0.01	0.03	<0.2	0.014
90105		746	80	3.7	0.4	<0.001	0.19	<0.05	8.6	<0.2	<0.2	982	<0.01	0.05	<0.2	0.008
90106		763	130	3.3	4.1	<0.001	0.19	<0.05	7.5	0.2	<0.2	692	<0.01	0.03	<0.2	0.011
90107		571	320	2.3	3.8	<0.001	0.09	<0.05	5.4	0.2	<0.2	406	<0.01	0.01	0.2	0.013
90108		689	100	2.9	2.2	<0.001	0.15	<0.05	9.3	0.4	<0.2	792	<0.01	0.02	<0.2	0.012
90109		654	80	3.2	1.5	<0.001	0.14	<0.05	10.0	<0.2	<0.2	751	<0.01	0.01	<0.2	0.011
90110		684	40	2.9	1.1	<0.001	0.14	<0.05	9.7	<0.2	<0.2	732	<0.01	0.02	<0.2	0.011
90111		667	30	3.1	3.1	0.001	0.16	<0.05	8.7	0.2	<0.2	796	<0.01	0.02	<0.2	0.011
90112		670	40	3.8	3.2	<0.001	0.16	<0.05	9.0	0.4	<0.2	830	<0.01	0.01	<0.2	0.011
90113		701	50	3.2	1.7	0.001	0.17	<0.05	8.7	0.2	<0.2	656	<0.01	0.03	<0.2	0.012
90114		829	50	3.5	2.2	0.001	0.32	<0.05	6.0	0.2	<0.2	514	<0.01	0.03	<0.2	0.011
90115		778	50	2.5	2.4	<0.001	0.30	<0.05	6.1	0.2	<0.2	415	<0.01	0.04	<0.2	0.012
90116		921	60	2.8	1.9	0.002	0.35	<0.05	2.1	0.3	<0.2	507	<0.01	0.05	<0.2	0.013
90117		744	260	13.9	73.4	<0.001	0.06	<0.05	4.9	0.3	<0.2	35.3	<0.01	0.03	0.2	0.072
90118		335	2030	6.0	99.7	<0.001	0.01	<0.05	3.0	<0.2	0.2	178.5	<0.01	0.01	2.6	0.134
90119		588	700	5.3	119.0	<0.001	0.14	<0.05	2.7	0.2	<0.2	283	<0.01	0.03	1.6	0.149
90120		501	890	4.5	176.0	0.001	0.02	<0.05	5.1	<0.2	<0.2	122.5	<0.01	0.01	1.9	0.199
90121		911	180	2.2	10.7	0.002	0.43	<0.05	1.5	0.4	<0.2	405	<0.01	0.06	0.2	0.023
90122		6.5	70	0.4	0.2	0.001	0.01	<0.05	0.4	0.4	<0.2	91.6	<0.01	0.01	<0.2	<0.005
90123		987	80	2.9	1.2	<0.001	0.58	<0.05	1.8	0.2	<0.2	693	<0.01	0.04	<0.2	0.014
90124		752	140	2.3	80.7	<0.001	0.21	<0.05	4.5	<0.2	<0.2	272	<0.01	0.03	<0.2	0.070
90125		1135	90	5.1	19.8	0.001	0.30	<0.05	1.1	0.3	<0.2	247	<0.01	0.05	0.2	0.021
90126		717	700	2.2	179.5	0.007	0.04	<0.05	2.9	0.2	<0.2	63.8	<0.01	0.03	1.4	0.147
90127		1075	410	3.4	95.2	<0.001	0.33	<0.05	1.5	0.3	<0.2	264	<0.01	0.06	0.8	0.104
90128		429	1050	4.4	137.0	0.001	0.02	<0.05	6.8	<0.2	0.3	184.5	<0.01	<0.01	2.6	0.193
90129		118.0	950	3.8	85.7	<0.001	0.11	<0.05	9.4	<0.2	0.3	259	<0.01	<0.01	2.0	0.168
90130		865	220	5.5	141.0	0.001	0.19	<0.05	2.4	0.4	<0.2	46.4	<0.01	0.07	0.7	0.131
90131		442	960	3.3	132.5	<0.001	0.07	<0.05	7.1	<0.2	0.2	85.2	<0.01	0.01	2.7	0.188
90132		387	1100	3.0	132.0	<0.001	0.01	<0.05	2.2	<0.2	<0.2	85.4	<0.01	0.01	1.2	0.187
90133		468	480	3.7	138.0	<0.001	0.02	<0.05	5.7	<0.2	<0.2	86.8	<0.01	0.01	1.5	0.196
90134		189.0	1930	4.7	55.9	<0.001	0.04	<0.05	6.9	0.2	0.3	504	<0.01	<0.01	3.7	0.159
90135		267	1680	4.3	48.0	<0.001	0.04	<0.05	5.8	<0.2	0.5	149.5	<0.01	<0.01	4.8	0.148
90136		117.5	1610	4.1	62.9	<0.001	0.01	<0.05	6.8	<0.2	0.6	166.0	<0.01	<0.01	6.1	0.216
90137		40.6	1590	3.5	11.2	<0.001	<0.01	<0.05	9.1	<0.2	0.4	175.5	<0.01	0.01	3.6	0.153
90138		13.0	1670	4.5	3.8	<0.001	0.02	<0.05	7.4	0.2	0.4	144.0	<0.01	0.01	4.3	0.132
90139		28.5	1690	3.9	1.7	<0.001	<0.01	<0.05	8.9	<0.2	0.5	121.5	<0.01	0.01	3.3	0.149
90140		456	1470	2.5	111.5	<0.001	0.05	<0.05	3.6	<0.2	0.3	234	<0.01	0.01	1.8	0.197



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 25-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365688**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	CRU-QC	PUL-QC
		TI	U	V	W	Y	Zn	Zr	Pass2mm	Pass75um
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.02	0.05	1	0.05	0.05	2	0.5	0.01	0.01
90101		0.72	0.06	75	0.05	0.86	41	<0.5	84.2	89.8
90102		<0.02	0.11	1	<0.05	2.17	4	<0.5		
90103		0.02	<0.05	54	0.07	3.30	24	<0.5	86.8	93.1
90104		0.02	<0.05	81	0.08	3.67	27	<0.5		
90105		<0.02	<0.05	56	2.08	6.64	20	<0.5		
90106		0.04	<0.05	66	0.06	4.98	24	<0.5		
90107		0.03	0.06	77	0.14	5.18	28	<0.5		
90108		0.02	<0.05	77	0.29	5.36	26	<0.5		
90109		<0.02	<0.05	73	0.29	5.50	23	<0.5		
90110		<0.02	<0.05	75	0.09	4.81	24	<0.5		
90111		0.03	<0.05	68	0.36	5.27	23	<0.5		
90112		0.03	<0.05	67	0.08	5.81	23	<0.5		
90113		0.02	<0.05	74	0.08	5.22	27	<0.5		
90114		0.02	<0.05	71	0.09	4.20	34	<0.5		
90115		0.02	<0.05	72	0.09	3.40	27	<0.5		
90116		0.03	<0.05	60	0.08	3.31	22	<0.5		
90117		0.49	0.06	89	0.05	2.09	58	<0.5		
90118		0.64	0.36	56	0.10	4.11	41	4.3		
90119		0.83	0.36	76	0.08	3.09	46	2.0		
90120		1.14	0.40	92	0.08	3.81	58	2.7		
90121		0.09	0.06	57	0.15	2.27	23	<0.5		
90122		<0.02	0.10	1	<0.05	2.25	3	<0.5		
90123		0.03	<0.05	55	0.12	2.73	23	<0.5		
90124		0.58	0.06	93	0.06	1.72	41	0.6		
90125		0.24	0.11	59	<0.05	1.22	28	<0.5		
90126		1.17	0.71	80	0.05	2.97	51	2.8		
90127		0.70	0.37	62	<0.05	1.78	36	0.9		
90128		0.93	0.50	77	<0.05	6.87	52	3.9		
90129		0.59	0.46	84	0.06	5.45	44	7.7		
90130		1.02	0.12	59	<0.05	0.91	41	0.6		
90131		0.89	0.50	79	<0.05	4.92	53	3.3		
90132		0.91	0.23	73	0.05	2.94	57	2.5		
90133		0.92	0.63	82	<0.05	3.09	62	1.9		
90134		0.42	0.77	75	0.07	10.45	46	5.9		
90135		0.35	1.00	55	0.06	7.49	45	9.8		
90136		0.45	1.00	75	0.07	8.10	55	12.4		
90137		0.08	0.38	66	<0.05	7.50	34	8.5		
90138		0.03	0.44	60	<0.05	9.99	34	9.3		
90139		<0.02	0.37	64	<0.05	8.27	30	11.1	75.3	95.5
90140		0.81	0.25	72	0.05	6.10	50	3.8	75.3	88.9

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Page: 3 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 25-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

<b>CERTIFICATE OF ANALYSIS SD22365688</b>
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Sample Description	WEI-21 Recvd Wt. kg	ME-MS41 Ag ppm	ME-MS41 Al %	ME-MS41 As ppm	ME-MS41 Au ppm	ME-MS41 B ppm	ME-MS41 Ba ppm	ME-MS41 Be ppm	ME-MS41 Bi ppm	ME-MS41 Ca %	ME-MS41 Cd ppm	ME-MS41 Ce ppm	ME-MS41 Co ppm	ME-MS41 Cr ppm	ME-MS41 Cs ppm
	Method Analyte Units LOD	0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
90141	2.00	0.02	3.62	<0.1	<0.02	<10	2390	0.48	0.03	0.56	0.01	51.0	41.6	741	10.95
90142	1.76	0.01	3.86	<0.1	<0.02	<10	2280	0.49	0.03	0.72	0.01	73.9	45.4	879	11.80
90143	3.31	0.03	2.90	0.2	<0.02	<10	2890	0.57	0.06	1.28	0.02	67.8	35.3	400	9.92
90144	4.30	0.09	3.48	0.3	<0.02	<10	4190	0.25	0.18	4.63	0.08	24.6	42.9	546	9.17
90145	<0.02	0.09	3.57	0.4	<0.02	<10	4210	0.26	0.21	4.59	0.07	24.5	44.0	566	9.23
90146	2.24	0.04	2.85	0.3	<0.02	<10	1560	0.42	0.15	2.98	0.06	88.4	30.7	381	14.85
90147	4.03	0.06	3.84	0.2	<0.02	<10	540	0.24	0.24	1.03	0.02	20.8	64.7	1165	21.0
90148	4.22	0.04	3.84	0.6	<0.02	<10	1750	0.75	0.18	1.07	0.02	34.7	54.5	764	22.7
90149	4.82	0.02	3.24	0.5	<0.02	<10	1360	1.73	0.15	2.56	0.04	63.1	38.5	493	24.2
90150	4.56	0.02	3.44	0.4	<0.02	<10	1630	0.55	0.06	1.23	0.02	87.2	41.9	463	21.8

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Page: 3 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 25-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365688**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
90141		18.2	4.70	10.00	0.15	0.09	<0.01	0.010	3.47	25.1	107.5	5.49	456	<0.05	0.08	0.06
90142		10.2	4.84	10.95	0.18	0.09	<0.01	0.010	3.82	35.2	114.5	6.03	465	<0.05	0.07	0.06
90143		27.4	3.75	8.05	0.14	0.19	<0.01	0.011	2.23	34.6	70.6	4.34	472	0.05	0.15	0.05
90144		86.6	4.11	8.60	0.13	0.09	<0.01	0.011	2.42	11.4	95.1	4.86	581	0.05	0.19	<0.05
90145		81.1	4.21	8.69	0.13	0.09	<0.01	0.012	2.49	11.1	98.3	5.01	586	0.05	0.19	<0.05
90146		12.8	3.79	6.52	0.18	0.20	<0.01	0.014	2.42	42.9	62.3	4.30	536	0.05	0.24	<0.05
90147		71.2	4.78	9.22	0.14	0.04	<0.01	0.006	2.22	9.8	60.2	8.00	352	0.08	0.07	<0.05
90148		45.3	4.96	11.20	0.17	0.11	<0.01	0.021	3.71	17.1	89.7	6.40	421	0.07	0.12	<0.05
90149		4.9	5.16	8.83	0.20	0.32	<0.01	0.036	2.90	30.7	80.4	4.55	633	<0.05	0.17	0.07
90150		33.8	4.55	8.43	0.18	0.15	<0.01	0.013	3.59	42.9	104.0	5.56	336	0.05	0.11	0.07

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Page: 3 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 25-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365688**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005	
90141	467	1430	1.9	174.0	<0.001	0.02	<0.05	7.4	<0.2	0.2	96.5	<0.01	0.01	3.4	0.265	
90142	457	2250	1.8	194.5	<0.001	0.01	<0.05	5.5	<0.2	0.2	124.0	<0.01	0.01	3.8	0.269	
90143	314	1610	4.3	109.0	<0.001	0.02	<0.05	5.8	<0.2	0.2	216	<0.01	0.01	4.2	0.211	
90144	384	570	11.4	109.0	<0.001	<0.01	<0.05	9.7	0.3	0.2	920	<0.01	0.02	1.1	0.246	
90145	405	570	11.2	113.5	<0.001	<0.01	<0.05	10.2	0.2	0.2	909	<0.01	0.03	1.0	0.253	
90146	154.0	1770	4.0	116.5	<0.001	<0.01	<0.05	7.1	0.2	0.3	355	<0.01	0.01	5.1	0.230	
90147	812	1570	5.8	112.0	<0.001	0.14	<0.05	2.9	0.2	<0.2	216	<0.01	0.02	1.6	0.128	
90148	560	700	5.0	174.5	<0.001	0.09	<0.05	11.5	<0.2	0.5	188.5	<0.01	0.03	3.3	0.205	
90149	247	2260	2.7	164.0	<0.001	0.02	<0.05	12.3	0.2	0.8	375	<0.01	<0.01	3.2	0.242	
90150	275	2910	2.4	157.0	<0.001	<0.01	<0.05	12.6	0.2	0.3	221	<0.01	0.01	3.7	0.242	

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 3 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 25-JAN-2023  
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Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365688
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Sample Description	Method Analyte Units LOD	ME-MS41 TI ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
90141		1.23	0.48	97	<0.05	6.66	69	4.3		
90142		1.38	0.37	102	<0.05	7.46	74	4.9		
90143		0.84	0.59	71	0.08	6.61	62	6.9		
90144		0.90	0.14	109	0.06	8.05	50	2.1		
90145		0.90	0.13	112	<0.05	8.12	54	2.1		
90146		0.83	0.65	94	0.06	8.23	61	6.3		
90147		0.93	0.65	91	0.06	5.09	56	1.6		
90148		1.28	0.69	112	0.05	7.45	72	3.7		
90149		1.16	0.72	126	0.06	11.80	73	7.7		
90150		1.10	0.81	88	0.15	9.69	67	7.3		

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Page: Appendix 1  
 Total # Appendix Pages: 1  
 Finalized Date: 25-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365688**

	<b>CERTIFICATE COMMENTS</b>												
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).            ME-MS41</p>												
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-22</td> <td style="width: 15%;">LOG-22d</td> </tr> <tr> <td>PUL-31</td> <td>PUL-31d</td> <td>PUL-QC</td> <td>SPL-21</td> </tr> <tr> <td>SPL-21d</td> <td>WEI-21</td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-22	LOG-22d	PUL-31	PUL-31d	PUL-QC	SPL-21	SPL-21d	WEI-21		
CRU-31	CRU-QC	LOG-22	LOG-22d										
PUL-31	PUL-31d	PUL-QC	SPL-21										
SPL-21d	WEI-21												
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.            ME-MS41</p>												



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Page: 1  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 27-JAN-2023  
 Account: MINMAN

**SD22365691**

Project: LAL-VIC 2022 DDH  
 P.O. No.: BATCH 25  
 This report is for 50 samples of 1/2 Core submitted to our lab in Sudbury, ON,  
 Canada on 19-DEC-2022.

The following have access to data associated with this certificate:

SAHIL ALURKAR  
 FRANCIS NEWTON

FRANCIS NEWTON  
 BRIAN NEWTON

BRIAN NEWTON  
 ACCESS WEBTRIEVE

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS41	Ultra Trace Aqua Regia ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**

Saa Traxler, Director, North Vancouver Operations





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Page: 2 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 27-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365691**

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Units		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
LOD		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
90151		4.76	0.01	2.05	0.6	<0.02	<10	40	<0.05	0.20	2.45	0.04	2.42	56.2	1220	18.50
90152		0.96	<0.01	0.04	0.1	<0.02	<10	10	<0.05	0.01	>25.0	0.01	0.93	2.1	9	0.09
90153		4.66	0.02	1.81	0.1	<0.02	<10	30	<0.05	0.27	3.78	0.05	1.98	56.1	1160	13.10
90154		4.19	0.02	2.00	0.5	<0.02	<10	60	<0.05	0.29	3.92	0.07	1.36	60.3	1225	31.7
90155		4.69	0.02	2.11	0.2	<0.02	<10	60	<0.05	0.24	3.76	0.06	1.20	55.2	1270	36.1
90156		2.52	0.03	2.01	0.2	<0.02	<10	50	<0.05	0.25	3.80	0.07	1.38	53.9	1270	31.4
90157		2.38	0.02	1.86	0.1	<0.02	<10	50	<0.05	0.27	4.45	0.08	1.63	52.4	1220	31.2
90158		3.79	0.06	2.39	0.3	<0.02	<10	580	0.12	0.12	0.19	0.02	41.2	21.7	200	3.46
90159		3.52	0.09	2.02	<0.1	<0.02	<10	490	0.13	0.20	0.41	0.03	49.1	22.7	180	2.72
90160		3.87	0.05	2.06	0.3	<0.02	<10	460	0.12	0.11	0.19	0.02	45.7	18.7	175	3.24
90161		2.80	0.05	1.46	0.1	<0.02	<10	240	0.11	0.26	0.54	0.03	44.3	12.0	114	1.85
90162		<0.02	0.04	1.48	0.2	<0.02	<10	240	0.11	0.23	0.56	0.03	38.1	10.6	110	1.64
90163		4.04	0.06	2.10	0.1	<0.02	<10	740	0.11	0.10	0.23	0.02	65.1	20.3	180	3.40
90164		2.15	0.07	1.86	<0.1	<0.02	<10	800	0.22	0.15	0.71	0.02	83.1	19.8	225	2.71
90165		1.93	0.07	1.85	<0.1	<0.02	<10	810	0.22	0.16	0.74	0.02	82.0	20.1	225	2.68
90166		3.78	0.06	2.23	0.4	<0.02	<10	520	0.10	0.11	0.26	0.03	60.6	20.2	179	3.53
90167		2.68	0.04	2.53	0.1	<0.02	<10	520	0.17	0.37	0.64	0.02	37.9	14.9	133	2.64
90168		4.08	0.05	3.27	<0.1	<0.02	<10	620	0.22	0.20	0.41	0.02	50.1	26.2	215	4.75
90169		3.02	0.08	2.87	<0.1	<0.02	<10	440	0.17	0.24	0.37	0.03	57.9	24.6	205	4.24
90170		3.66	0.04	2.71	0.2	<0.02	<10	520	0.12	0.18	0.17	0.02	35.9	18.8	133	3.10
90171		4.28	0.04	2.77	0.6	<0.02	<10	530	0.13	0.18	0.16	0.01	38.3	18.9	137	3.24
90172		1.09	<0.01	0.03	0.3	<0.02	<10	20	<0.05	0.01	>25.0	0.01	1.26	1.5	2	<0.05
90173		3.88	0.08	2.82	0.1	<0.02	<10	380	0.15	0.18	0.46	0.02	34.3	23.5	169	3.74
90174		3.76	0.04	3.02	0.3	<0.02	<10	460	0.15	0.14	0.18	0.02	44.9	24.2	175	4.03
90175		3.85	0.08	2.86	<0.1	<0.02	<10	630	0.15	0.17	0.22	0.03	40.9	24.0	196	3.59
90176		3.85	0.07	2.27	<0.1	<0.02	<10	580	0.13	0.13	0.24	0.03	63.1	22.2	201	3.34
90177		4.94	0.11	1.98	0.2	<0.02	<10	290	0.49	0.28	2.31	0.04	91.0	30.6	196	1.96
90178		4.60	0.04	2.50	0.2	<0.02	<10	440	0.41	0.16	1.87	0.03	89.9	25.7	349	3.04
90179		2.59	0.06	2.62	<0.1	<0.02	<10	560	0.12	0.10	0.23	0.02	62.5	24.5	212	3.50
90180		2.70	0.05	2.26	<0.1	<0.02	<10	460	0.09	0.10	0.19	0.03	57.6	19.9	177	2.95
90181		3.01	0.06	2.28	0.1	<0.02	<10	550	0.11	0.12	0.19	0.03	57.9	20.7	186	3.16
90182		2.64	0.08	1.79	<0.1	<0.02	<10	440	0.14	0.13	0.32	0.02	59.1	22.1	154	3.23
90183		3.65	0.06	1.90	0.1	<0.02	<10	420	0.17	0.07	0.24	0.02	61.3	19.7	184	3.96
90184		3.61	0.15	0.90	0.3	<0.02	<10	80	0.17	0.18	0.40	0.04	59.4	22.8	142	2.07
90185		3.90	0.02	3.40	0.2	<0.02	<10	750	0.46	0.03	0.91	0.02	41.8	36.6	1170	9.98
90186		3.17	0.14	1.84	0.5	<0.02	<10	270	0.30	0.11	1.59	0.04	93.3	27.5	66	4.79
90187		3.81	0.11	1.99	0.2	<0.02	<10	310	0.34	0.09	1.38	0.03	80.6	29.8	268	5.63
90188		3.80	0.03	2.28	0.4	<0.02	<10	500	0.44	0.08	1.24	0.02	72.2	28.2	676	5.73
90189		2.63	0.04	2.77	0.2	<0.02	<10	610	0.15	0.08	0.21	0.02	59.8	24.1	192	6.61
90190		2.23	0.04	2.30	0.1	<0.02	<10	420	0.14	0.16	0.39	0.04	59.1	20.1	165	3.91

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Page: 2 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 27-JAN-2023  
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**CERTIFICATE OF ANALYSIS SD22365691**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
90151		47.7	3.61	5.05	0.11	<0.02	<0.01	0.012	0.52	1.3	15.9	5.50	497	0.07	0.02	0.07
90152		2.7	0.16	0.13	0.05	<0.02	<0.01	<0.005	0.01	1.1	0.3	0.85	89	0.13	<0.01	0.07
90153		59.7	3.41	4.49	0.11	<0.02	<0.01	0.010	0.29	0.9	10.6	5.64	644	0.07	0.02	0.06
90154		74.0	3.96	4.81	0.10	<0.02	<0.01	0.007	0.79	0.5	16.9	6.32	815	0.55	0.03	0.07
90155		53.7	4.11	4.95	0.11	<0.02	<0.01	0.011	0.86	0.4	18.0	6.55	733	0.26	0.03	0.06
90156		56.9	3.74	4.94	0.11	<0.02	<0.01	0.010	0.72	0.5	16.2	6.35	739	0.07	0.03	0.06
90157		54.6	3.85	4.65	0.11	<0.02	<0.01	0.010	0.72	0.6	17.5	6.51	802	0.17	0.03	0.06
90158		49.1	4.12	11.95	0.13	0.27	<0.01	0.041	1.73	21.4	20.0	1.68	336	1.33	0.06	0.27
90159		66.4	3.84	10.05	0.14	0.33	<0.01	0.037	1.36	24.8	16.4	1.44	352	1.28	0.09	0.23
90160		43.8	3.82	10.05	0.12	0.29	<0.01	0.032	1.54	22.8	19.0	1.65	351	1.48	0.06	0.22
90161		33.5	2.34	6.57	0.13	0.21	<0.01	0.020	0.82	22.5	10.8	0.88	284	2.34	0.09	0.17
90162		28.0	2.32	5.93	0.11	0.18	<0.01	0.018	0.82	19.6	10.7	0.85	283	2.00	0.10	0.16
90163		44.7	4.00	10.80	0.15	0.35	<0.01	0.041	1.69	33.2	20.5	1.64	457	1.68	0.06	0.25
90164		51.8	3.31	8.43	0.19	0.47	<0.01	0.026	1.41	40.6	17.7	1.77	326	0.52	0.06	0.23
90165		49.2	3.19	8.59	0.19	0.46	<0.01	0.025	1.40	41.4	17.7	1.76	319	0.45	0.05	0.26
90166		49.5	4.01	11.10	0.16	0.32	<0.01	0.034	1.72	31.3	19.9	1.68	470	1.57	0.06	0.26
90167		31.2	3.08	10.60	0.13	0.17	<0.01	0.033	1.34	19.2	15.1	1.22	301	1.81	0.11	0.19
90168		50.5	4.99	14.50	0.19	0.20	<0.01	0.041	2.11	25.6	22.0	2.28	359	1.83	0.09	0.25
90169		74.1	4.60	12.50	0.18	0.22	<0.01	0.037	1.86	29.5	18.7	2.10	294	1.65	0.12	0.21
90170		44.1	3.76	9.33	0.10	0.22	<0.01	0.036	1.79	18.0	14.5	1.88	281	1.17	0.06	0.16
90171		40.8	3.89	10.10	0.13	0.22	<0.01	0.035	1.84	19.1	15.8	1.92	307	1.30	0.05	0.18
90172		2.7	0.16	0.09	0.05	<0.02	<0.01	0.005	0.01	1.3	0.2	0.42	89	0.15	<0.01	0.07
90173		68.3	4.55	11.90	0.11	0.33	<0.01	0.035	2.01	17.4	20.9	1.89	412	1.66	0.05	0.32
90174		48.4	4.68	12.80	0.14	0.28	<0.01	0.036	2.22	21.7	23.4	1.98	524	1.20	0.06	0.24
90175		54.0	4.66	13.50	0.16	0.34	0.01	0.044	2.20	20.6	23.0	2.02	536	1.20	0.06	0.26
90176		61.7	4.24	10.90	0.17	0.34	<0.01	0.037	1.85	31.7	19.8	1.72	569	1.04	0.06	0.30
90177		238	3.53	6.54	0.25	0.28	<0.01	0.021	1.33	44.3	16.2	2.19	362	0.34	0.08	0.16
90178		53.8	3.53	7.63	0.20	0.32	0.01	0.020	1.98	43.5	24.0	2.74	411	0.09	0.06	0.12
90179		66.3	4.66	12.65	0.18	0.29	<0.01	0.039	2.19	30.5	22.7	1.92	588	1.16	0.06	0.31
90180		47.4	3.91	11.55	0.14	0.27	<0.01	0.035	1.89	28.8	21.8	1.58	535	1.18	0.05	0.29
90181		53.6	4.21	10.95	0.16	0.31	0.01	0.034	1.95	29.7	21.6	1.72	525	1.27	0.06	0.32
90182		52.8	3.57	9.63	0.15	0.40	0.01	0.031	1.57	29.6	17.9	1.46	384	1.65	0.07	0.22
90183		50.6	3.90	9.55	0.16	0.34	<0.01	0.023	1.73	31.6	21.3	1.60	484	2.35	0.07	0.16
90184		118.0	3.19	4.92	0.10	0.66	<0.01	0.010	0.78	30.5	9.2	0.88	195	1.70	0.08	0.19
90185		26.7	4.05	10.50	0.20	0.12	<0.01	0.015	3.41	18.3	55.1	4.54	493	0.06	0.02	0.09
90186		104.5	4.67	9.52	0.19	0.45	<0.01	0.011	1.70	45.2	19.8	1.83	530	0.14	0.07	0.15
90187		69.9	4.13	9.59	0.19	0.43	<0.01	0.016	1.80	39.8	20.9	2.24	479	0.09	0.06	0.13
90188		53.9	2.81	8.40	0.21	0.14	<0.01	0.016	1.85	33.0	30.6	3.00	398	0.07	0.03	0.10
90189		54.5	4.66	15.05	0.17	0.33	<0.01	0.051	2.33	30.9	22.4	2.00	495	2.18	0.05	0.30
90190		53.8	3.62	10.60	0.17	0.21	<0.01	0.036	1.66	29.7	17.4	1.40	501	1.57	0.08	0.26



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 27-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365691**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
90151		843	100	1.9	46.0	<0.001	0.38	<0.05	3.8	0.3	<0.2	403	<0.01	0.04	<0.2	0.027
90152		4.9	70	0.4	0.6	<0.001	0.03	<0.05	0.5	0.3	<0.2	88.3	<0.01	<0.01	<0.2	<0.005
90153		859	60	2.9	30.6	<0.001	0.34	<0.05	4.9	0.3	<0.2	637	<0.01	0.03	<0.2	0.016
90154		922	40	3.2	78.2	<0.001	0.30	<0.05	3.1	0.2	<0.2	741	<0.01	0.04	<0.2	0.027
90155		808	80	3.0	88.3	<0.001	0.23	<0.05	5.7	0.4	<0.2	698	<0.01	0.04	<0.2	0.028
90156		727	150	4.3	77.0	<0.001	0.17	<0.05	6.9	<0.2	<0.2	721	<0.01	0.03	<0.2	0.025
90157		859	20	4.2	71.0	<0.001	0.23	<0.05	4.9	0.3	<0.2	920	<0.01	0.06	<0.2	0.025
90158		88.5	620	2.7	71.3	<0.001	0.25	0.05	13.3	0.2	0.8	9.7	<0.01	0.03	5.2	0.255
90159		94.8	750	2.9	55.5	0.001	0.53	<0.05	12.8	0.4	0.8	24.2	<0.01	0.05	6.6	0.220
90160		73.7	620	2.4	59.6	<0.001	0.26	0.05	11.7	<0.2	0.7	8.2	<0.01	0.02	5.3	0.216
90161		44.7	450	2.4	31.7	0.001	0.23	<0.05	6.7	0.2	0.5	31.7	<0.01	0.03	5.2	0.141
90162		37.5	440	2.0	27.7	0.001	0.23	<0.05	5.8	<0.2	0.4	29.3	<0.01	0.03	4.6	0.140
90163		78.0	620	3.0	77.3	0.001	0.29	<0.05	13.4	0.4	0.8	12.9	<0.01	0.03	8.1	0.288
90164		83.2	1800	2.5	67.1	<0.001	0.31	<0.05	10.6	0.2	0.5	26.4	<0.01	0.02	7.1	0.267
90165		85.3	1810	3.0	66.9	0.001	0.29	<0.05	10.4	0.3	0.5	26.7	<0.01	0.02	7.0	0.263
90166		71.5	660	2.9	70.9	0.001	0.29	<0.05	12.3	0.4	0.8	13.1	<0.01	0.04	7.9	0.272
90167		61.5	540	2.4	51.6	<0.001	0.12	<0.05	9.9	<0.2	0.7	51.5	<0.01	0.03	4.3	0.200
90168		93.7	720	2.7	94.9	0.001	0.22	<0.05	18.3	0.3	0.8	31.3	<0.01	0.04	5.4	0.290
90169		88.6	770	2.8	85.6	0.001	0.40	<0.05	16.4	0.3	0.6	37.7	<0.01	0.06	6.4	0.246
90170		83.6	640	2.0	79.4	<0.001	0.15	<0.05	11.2	0.2	0.7	8.5	<0.01	0.03	4.2	0.237
90171		84.1	610	2.0	79.2	0.001	0.12	<0.05	12.3	0.2	0.7	7.5	<0.01	0.03	4.4	0.240
90172		0.6	80	0.4	0.2	<0.001	0.01	<0.05	0.4	0.4	<0.2	87.3	<0.01	0.01	<0.2	<0.005
90173		100.0	630	2.0	84.9	0.001	0.45	<0.05	13.6	0.2	0.7	9.0	<0.01	0.05	4.1	0.270
90174		98.7	640	2.5	94.7	0.001	0.20	<0.05	14.1	0.2	0.7	8.9	<0.01	0.04	5.5	0.316
90175		91.1	690	2.8	99.1	0.001	0.37	<0.05	17.2	0.2	1.0	12.3	<0.01	0.05	4.9	0.331
90176		89.3	690	3.4	90.8	0.001	0.31	<0.05	13.8	0.3	0.8	15.8	<0.01	0.03	7.9	0.319
90177		62.8	5380	2.8	87.7	<0.001	0.46	<0.05	7.0	0.6	0.5	130.5	<0.01	0.02	5.3	0.244
90178		94.8	4090	2.4	126.0	<0.001	0.11	<0.05	5.9	0.2	0.4	118.5	<0.01	0.01	5.5	0.271
90179		96.6	680	3.1	106.5	0.001	0.26	<0.05	16.6	0.4	0.8	17.1	<0.01	0.03	8.3	0.336
90180		75.6	610	2.9	80.9	0.001	0.23	<0.05	12.8	<0.2	0.8	11.3	<0.01	0.05	7.7	0.300
90181		79.3	640	2.7	75.4	0.001	0.35	<0.05	12.8	0.2	0.7	12.4	<0.01	0.05	7.8	0.310
90182		88.4	760	3.0	71.3	0.001	0.47	<0.05	13.0	0.2	0.7	16.2	<0.01	0.05	6.1	0.257
90183		77.4	680	3.7	86.4	0.001	0.37	<0.05	9.9	0.3	0.4	17.5	<0.01	0.03	8.0	0.249
90184		81.1	860	6.1	55.2	<0.001	1.28	<0.05	3.3	0.5	0.6	26.7	<0.01	0.03	7.8	0.175
90185		268	2390	1.4	260	<0.001	0.03	<0.05	3.8	0.2	0.3	64.3	<0.01	0.01	1.5	0.263
90186		23.3	2780	5.8	123.5	<0.001	1.08	<0.05	3.0	0.4	0.4	102.5	<0.01	0.03	6.1	0.243
90187		79.1	2630	4.0	134.0	<0.001	0.83	<0.05	4.1	0.4	0.4	71.0	<0.01	0.03	4.9	0.226
90188		177.5	2480	1.6	130.5	<0.001	0.18	<0.05	3.8	0.2	0.4	55.6	<0.01	0.01	3.4	0.200
90189		102.0	680	4.0	136.0	0.001	0.20	<0.05	17.6	0.2	1.0	15.3	<0.01	0.02	9.3	0.355
90190		76.3	600	3.1	85.5	0.001	0.20	<0.05	12.1	0.2	0.7	30.4	<0.01	0.04	7.3	0.272



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 27-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365691**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	CRU-QC	PUL-QC
		TI	U	V	W	Y	Zn	Zr	Pass2mm	Pass75um
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.02	0.05	1	0.05	0.05	2	0.5	0.01	0.01
90151		0.32	<0.05	58	0.06	2.80	29	<0.5	74.9	91.6
90152		<0.02	0.07	1	<0.05	2.08	2	<0.5		
90153		0.22	<0.05	58	0.09	3.83	23	<0.5		
90154		0.50	<0.05	54	0.09	3.81	26	<0.5		
90155		0.55	<0.05	68	0.11	4.75	28	<0.5		
90156		0.46	<0.05	65	0.16	6.42	26	<0.5		
90157		0.50	<0.05	56	0.10	5.30	27	<0.5		
90158		0.40	1.72	101	0.10	5.93	81	10.3		
90159		0.33	2.20	91	0.08	6.42	66	12.6		
90160		0.34	1.60	91	0.06	6.23	75	11.5		
90161		0.17	1.42	53	0.06	6.41	43	7.0		
90162		0.15	1.22	53	0.05	5.71	42	6.2		
90163		0.45	1.89	95	0.07	9.62	77	13.6		
90164		0.43	1.51	84	0.07	10.60	56	19.4		
90165		0.41	1.55	84	0.08	10.85	55	19.4		
90166		0.40	1.91	93	0.09	8.86	83	12.4		
90167		0.28	1.24	75	0.16	4.34	61	6.2		
90168		0.55	1.47	135	0.12	6.88	89	7.2		
90169		0.50	1.66	124	0.09	7.53	89	8.1		
90170		0.45	1.38	82	0.09	5.49	18	8.1		
90171		0.45	1.32	85	0.07	5.11	22	8.1		
90172		<0.02	0.11	<1	<0.05	2.17	<2	<0.5		
90173		0.47	1.26	103	0.11	5.19	74	13.2		
90174		0.51	1.58	104	0.15	6.56	87	11.2		
90175		0.57	2.02	120	0.16	7.39	90	13.4		
90176		0.53	2.05	102	0.11	11.45	82	13.2		
90177		0.49	0.67	79	0.12	11.65	41	12.0		
90178		0.71	0.64	86	0.11	10.30	56	12.5		
90179		0.62	1.88	117	0.18	11.35	86	12.0		
90180		0.42	1.91	92	0.20	10.05	78	10.4		
90181		0.42	1.80	96	0.13	9.87	79	11.8		
90182		0.43	1.48	88	0.10	8.94	68	14.9		
90183		0.56	1.75	87	0.07	9.12	75	12.9		
90184		0.35	1.82	59	0.06	5.71	45	23.8		
90185		1.44	0.27	110	0.07	5.96	81	4.3		
90186		0.80	1.21	90	<0.05	10.05	94	24.0		
90187		0.83	0.86	91	<0.05	8.28	80	19.5		
90188		0.80	0.53	75	0.10	6.93	60	4.6		
90189		0.84	2.14	122	0.23	10.60	87	13.4		89.0
90190		0.48	1.68	86	0.16	10.40	78	7.4	75.4	92.2

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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 3 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 27-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

<b>CERTIFICATE OF ANALYSIS SD22365691</b>
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Sample Description	WEI-21 Recvd Wt. kg	ME-MS41 Ag ppm	ME-MS41 Al %	ME-MS41 As ppm	ME-MS41 Au ppm	ME-MS41 B ppm	ME-MS41 Ba ppm	ME-MS41 Be ppm	ME-MS41 Bi ppm	ME-MS41 Ca %	ME-MS41 Cd ppm	ME-MS41 Ce ppm	ME-MS41 Co ppm	ME-MS41 Cr ppm	ME-MS41 Cs ppm
	0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
90191	2.17	0.05	2.73	0.1	<0.02	<10	580	0.13	0.15	0.27	0.03	63.3	24.0	192	4.78
90192	1.77	0.05	2.76	<0.1	<0.02	<10	580	0.13	0.16	0.25	0.02	62.5	24.7	196	4.91
90193	4.08	0.04	2.44	0.9	<0.02	<10	570	0.12	0.13	0.17	0.01	47.0	22.4	161	3.42
90194	4.31	0.07	2.30	0.4	<0.02	<10	540	0.15	0.15	0.22	0.02	49.8	22.3	186	3.14
90195	<0.02	0.06	2.35	0.3	<0.02	<10	560	0.16	0.16	0.23	0.02	52.2	23.7	186	3.32
90196	4.26	0.08	1.56	0.2	<0.02	<10	190	0.20	0.21	1.02	0.03	50.8	23.7	156	1.82
90197	3.80	0.08	2.10	0.3	<0.02	<10	110	0.33	0.20	1.35	0.05	42.2	25.8	138	1.86
90198	4.65	0.09	1.16	0.5	<0.02	<10	80	0.27	0.29	1.21	0.05	46.7	19.4	41	0.87
90199	2.98	0.11	0.94	0.7	<0.02	<10	90	0.19	0.29	0.92	0.04	42.0	22.7	50	0.73
90200	2.93	0.12	2.33	0.5	<0.02	<10	400	0.22	0.29	0.66	0.04	48.4	28.4	75	3.07

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Page: 3 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 27-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365691**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
90191		51.6	4.50	12.50	0.17	0.27	<0.01	0.040	2.12	31.0	22.5	1.88	548	1.62	0.05	0.24
90192		54.0	4.45	12.70	0.19	0.26	<0.01	0.039	2.14	30.0	22.9	1.91	539	1.72	0.06	0.24
90193		44.6	4.04	11.80	0.15	0.22	<0.01	0.030	1.81	22.6	19.6	1.58	436	1.34	0.04	0.28
90194		61.7	3.98	11.60	0.17	0.27	<0.01	0.034	1.66	24.5	19.8	1.87	429	2.13	0.05	0.25
90195		57.8	4.10	12.05	0.17	0.28	<0.01	0.034	1.68	25.4	20.0	1.88	438	1.90	0.05	0.24
90196		65.6	3.64	9.14	0.14	0.19	<0.01	0.027	0.54	24.9	13.5	1.34	367	2.43	0.05	0.13
90197		69.7	4.53	12.50	0.12	0.17	<0.01	0.036	0.36	20.8	18.9	1.75	367	2.87	0.04	0.08
90198		72.2	2.64	5.44	0.17	0.17	<0.01	0.020	0.32	22.1	8.6	1.00	313	0.25	0.09	0.12
90199		113.0	2.51	4.43	0.18	0.20	<0.01	0.015	0.29	20.2	6.6	0.91	256	0.32	0.08	0.15
90200		124.0	4.72	10.75	0.23	0.21	<0.01	0.032	1.61	22.9	22.8	2.08	493	0.26	0.08	0.21

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To: MINROC MANAGEMENT LTD.  
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Page: 3 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 27-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365691**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005	
90191	92.2	680	3.0	95.1	0.001	0.24	<0.05	15.3	0.2	0.8	17.1	<0.01	0.03	6.8	0.318	
90192	92.7	700	3.0	98.4	0.001	0.24	<0.05	16.7	0.3	0.8	17.8	<0.01	0.03	7.5	0.319	
90193	88.7	580	2.7	87.6	0.001	0.18	<0.05	13.5	0.3	0.7	10.0	<0.01	0.03	5.3	0.276	
90194	86.9	590	2.6	74.8	0.001	0.36	<0.05	14.4	0.4	0.7	10.5	<0.01	0.03	6.2	0.246	
90195	88.5	600	2.7	77.8	0.001	0.35	<0.05	15.4	0.3	0.8	11.1	<0.01	0.04	6.7	0.253	
90196	88.2	610	3.1	28.4	0.001	0.44	<0.05	10.5	0.4	0.3	26.3	<0.01	0.03	6.8	0.086	
90197	98.2	630	3.2	20.5	0.002	0.36	<0.05	12.9	0.2	0.2	29.2	<0.01	0.06	5.6	0.044	
90198	26.2	1310	2.1	16.0	<0.001	0.53	<0.05	8.2	0.4	0.3	42.3	<0.01	0.03	3.6	0.108	
90199	29.1	1370	2.0	15.0	<0.001	0.61	<0.05	6.3	0.4	0.3	23.0	<0.01	0.04	3.6	0.099	
90200	33.8	1380	1.9	80.8	0.001	0.79	<0.05	16.6	0.8	0.5	20.5	<0.01	0.08	3.9	0.260	

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 3 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 27-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

<b>CERTIFICATE OF ANALYSIS SD22365691</b>
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Sample Description	Method Analyte Units LOD	ME-MS41 TI ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
90191		0.53	1.61	110	0.17	11.10	86	10.8		
90192		0.56	1.66	114	0.16	11.15	88	10.4		
90193		0.43	1.46	93	0.16	6.76	82	8.1		
90194		0.40	1.68	99	0.10	7.82	75	10.9		
90195		0.42	1.86	99	0.11	8.33	75	11.6		
90196		0.16	1.76	78	<0.05	7.16	66	6.8		
90197		0.12	1.38	95	<0.05	6.61	82	6.1		
90198		0.09	1.08	62	1.68	7.93	35	6.3		
90199		0.08	0.97	48	0.06	6.32	32	7.6		
90200		0.41	1.13	117	0.08	10.85	82	10.2		

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Page: Appendix 1  
 Total # Appendix Pages: 1  
 Finalized Date: 27-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365691**

	<b>CERTIFICATE COMMENTS</b>												
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).            ME-MS41</p>												
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-22</td> <td style="width: 15%;">LOG-22d</td> </tr> <tr> <td>PUL-31</td> <td>PUL-31d</td> <td>PUL-QC</td> <td>SPL-21</td> </tr> <tr> <td>SPL-21d</td> <td>WEI-21</td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-22	LOG-22d	PUL-31	PUL-31d	PUL-QC	SPL-21	SPL-21d	WEI-21		
CRU-31	CRU-QC	LOG-22	LOG-22d										
PUL-31	PUL-31d	PUL-QC	SPL-21										
SPL-21d	WEI-21												
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.            ME-MS41</p>												



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Page: 1  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
 This copy reported on  
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**SD22365694**

Project: LAL-VIC 2022 DDH  
 P.O. No.: BATCH 26  
 This report is for 50 samples of 1/2 Core submitted to our lab in Sudbury, ON,  
 Canada on 19-DEC-2022.

The following have access to data associated with this certificate:

SAHIL ALURKAR  
 FRANCIS NEWTON

FRANCIS NEWTON  
 BRIAN NEWTON

BRIAN NEWTON  
 ACCESS WEBTRIEVE

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
LOG-22d	Sample login - Rcd w/o BarCode dup
PUL-31d	Pulverize Split - duplicate
SPL-21d	Split sample - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

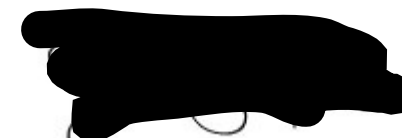
**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Cu-OG46	Ore Grade Cu - Aqua Regia	
ME-MS41	Ultra Trace Aqua Regia ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**



Saa Traxler, Director, North Vancouver Operations



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Page: 2 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365694**

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Units		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
LOD		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
90201		3.84	0.11	1.72	<0.1	<0.02	<10	460	0.13	0.24	0.38	0.03	57.9	22.7	154	2.67
90202		0.72	0.01	0.03	<0.1	<0.02	<10	10	<0.05	0.01	>25.0	0.01	1.12	3.2	2	<0.05
90203		3.24	0.10	0.83	0.2	<0.02	<10	120	0.16	0.25	0.90	0.05	46.4	20.9	49	0.81
90204		3.34	0.06	1.54	<0.1	<0.02	<10	380	0.11	0.15	0.60	0.02	57.3	17.5	149	2.56
90205		0.06	3.02	0.37	27.5	0.75	<10	10	<0.05	0.62	0.43	0.88	3.50	1105	80	0.50
90206		2.81	0.06	2.75	<0.1	<0.02	<10	750	0.20	0.16	0.32	0.02	59.1	28.1	202	4.79
90207		2.87	0.07	2.44	<0.1	<0.02	<10	570	0.12	0.18	0.28	0.02	61.1	26.7	180	4.56
90208		3.26	0.07	2.10	<0.1	<0.02	<10	520	0.11	0.18	0.25	0.01	61.6	23.8	185	3.83
90209		2.86	0.05	2.26	<0.1	<0.02	<10	630	0.16	0.17	0.65	0.02	67.0	24.5	311	3.94
90210		3.91	0.05	2.29	<0.1	<0.02	<10	640	0.10	0.13	0.18	0.02	52.3	23.1	178	3.56
90211		4.39	0.05	2.16	0.2	<0.02	<10	490	0.11	0.15	0.21	0.03	57.6	20.8	179	2.92
90212		<0.02	0.05	2.12	0.2	<0.02	<10	500	0.10	0.15	0.19	0.02	58.0	21.4	177	3.10
90213		3.82	0.06	2.31	<0.1	<0.02	<10	800	0.11	0.15	0.18	0.02	54.2	24.5	188	3.25
90214		2.50	0.07	1.99	<0.1	<0.02	<10	610	0.11	0.15	0.21	0.02	57.8	22.4	180	3.26
90215		2.04	0.06	2.03	0.3	<0.02	<10	620	0.11	0.15	0.21	0.02	60.8	22.9	188	3.42
90216		4.14	0.11	1.57	0.2	<0.02	<10	370	0.11	0.26	0.23	0.02	63.8	23.0	182	2.79
90217		3.79	0.06	2.07	<0.1	<0.02	<10	720	0.14	0.15	0.25	0.01	62.1	24.3	203	3.92
90218		4.73	0.09	1.86	0.1	<0.02	<10	480	0.09	0.21	0.21	0.02	61.2	23.6	185	3.34
90219		4.41	0.06	2.84	0.2	<0.02	<10	280	0.20	0.21	0.18	0.02	51.2	28.6	143	3.93
90220		4.51	0.05	2.32	0.1	<0.02	<10	390	0.15	0.18	0.37	0.02	51.6	24.4	168	2.97
90221		4.32	0.07	1.92	0.1	<0.02	<10	410	0.13	0.16	0.40	0.03	46.1	25.5	156	2.45
90222		0.72	<0.01	0.03	<0.1	<0.02	<10	20	0.05	1.62	>25.0	0.01	1.19	3.1	2	0.05
90223		4.22	0.05	2.09	<0.1	<0.02	<10	730	0.11	0.09	0.22	0.01	53.2	21.4	174	3.38
90224		2.76	0.13	1.97	<0.1	<0.02	<10	360	0.13	0.23	0.39	0.02	64.8	29.0	184	3.18
90225		2.59	0.06	1.89	<0.1	<0.02	<10	500	0.10	0.14	0.21	0.02	49.6	21.5	172	2.51
90226		2.93	0.04	1.79	<0.1	<0.02	<10	400	0.08	0.18	0.21	0.03	53.8	20.2	169	2.25
90227		3.99	0.06	1.96	<0.1	<0.02	<10	540	0.09	0.14	0.17	0.04	50.4	21.0	180	2.52
90228		4.40	0.07	2.35	<0.1	<0.02	<10	640	0.15	0.21	0.29	0.01	50.5	24.5	188	3.05
90229		2.77	0.04	2.12	<0.1	<0.02	<10	570	0.18	0.17	0.66	0.03	68.7	20.0	192	2.84
90230		4.38	0.05	2.40	<0.1	<0.02	<10	540	0.13	0.14	0.16	0.02	43.6	21.9	177	3.00
90231		3.87	0.07	2.58	<0.1	<0.02	<10	490	0.18	0.19	0.15	0.02	41.9	24.4	181	3.12
90232		4.34	0.08	2.20	<0.1	<0.02	<10	400	0.11	0.21	0.18	0.03	49.5	23.5	185	3.13
90233		3.82	0.05	2.08	<0.1	<0.02	<10	640	0.10	0.11	0.19	0.02	54.5	23.0	176	3.36
90234		2.89	0.07	1.68	0.2	<0.02	<10	420	0.20	0.12	0.73	0.02	38.1	27.6	483	2.63
90235		2.31	0.12	1.65	<0.1	<0.02	<10	510	0.11	0.15	0.32	0.02	58.4	21.5	154	2.67
90236		2.24	0.09	1.98	<0.1	<0.02	<10	540	0.15	0.15	0.42	0.01	59.7	25.3	224	3.15
90237		3.50	0.06	2.67	<0.1	<0.02	<10	630	0.14	0.09	0.17	0.02	54.6	25.1	189	3.69
90238		3.23	0.06	3.96	<0.1	<0.02	<10	1030	0.37	0.12	0.41	0.04	85.9	36.2	445	6.15
90239		2.85	0.07	2.80	<0.1	<0.02	<10	750	0.20	0.10	0.15	0.01	49.0	26.1	183	3.66
90240		2.40	0.07	3.00	<0.1	<0.02	<10	450	0.15	0.22	0.15	0.02	33.7	25.4	195	3.64



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Page: 2 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365694**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
90201		79.9	3.66	7.88	0.26	0.26	<0.01	0.020	1.25	28.1	18.8	1.41	386	1.89	0.10	0.18
90202		4.5	0.12	0.10	<0.05	<0.02	<0.01	<0.005	0.01	1.2	0.3	0.42	87	0.34	0.01	<0.05
90203		89.6	2.29	3.95	0.20	0.28	<0.01	0.015	0.36	22.2	7.9	0.86	276	0.37	0.09	0.10
90204		47.9	2.84	7.38	0.22	0.37	<0.01	0.020	1.11	28.5	17.2	1.31	348	0.66	0.14	0.20
90205		>10000	32.4	2.02	1.04	0.08	0.02	0.104	0.03	1.7	3.3	0.42	171	2.30	0.02	0.19
90206		65.4	4.92	13.90	0.30	0.31	<0.01	0.047	2.15	28.4	28.9	2.23	589	2.53	0.08	0.23
90207		81.2	4.64	11.85	0.31	0.32	<0.01	0.035	1.92	29.6	25.3	1.90	506	0.73	0.09	0.25
90208		72.7	3.99	9.96	0.29	0.33	<0.01	0.026	1.66	30.0	20.6	1.75	397	0.65	0.08	0.24
90209		43.1	3.76	9.64	0.30	0.28	<0.01	0.024	1.75	31.9	24.3	2.30	388	0.42	0.06	0.18
90210		45.4	4.06	12.15	0.25	0.30	<0.01	0.036	1.77	25.9	23.2	1.63	463	1.98	0.08	0.27
90211		42.5	3.85	10.80	0.26	0.27	<0.01	0.033	1.50	29.4	21.1	1.61	446	1.93	0.07	0.25
90212		41.5	3.80	10.70	0.28	0.27	<0.01	0.033	1.52	29.0	20.8	1.59	433	1.78	0.07	0.24
90213		50.7	4.13	12.65	0.28	0.27	<0.01	0.039	1.75	26.5	22.2	1.63	459	2.73	0.08	0.30
90214		46.0	3.86	10.35	0.26	0.33	<0.01	0.033	1.61	29.5	21.6	1.63	424	1.34	0.08	0.21
90215		45.4	3.98	10.55	0.26	0.33	<0.01	0.032	1.64	29.9	22.1	1.67	437	1.14	0.08	0.22
90216		76.9	3.68	8.24	0.25	0.46	<0.01	0.020	1.29	31.8	18.6	1.47	300	0.62	0.09	0.21
90217		54.6	4.15	10.60	0.27	0.35	<0.01	0.034	1.73	30.2	23.6	1.79	460	0.81	0.10	0.25
90218		63.3	3.67	9.56	0.27	0.33	<0.01	0.031	1.51	30.4	20.3	1.61	375	0.70	0.07	0.22
90219		55.4	4.57	11.75	0.24	0.25	<0.01	0.028	1.88	25.3	19.4	1.97	389	2.85	0.04	0.24
90220		51.2	3.86	10.90	0.25	0.23	<0.01	0.031	1.52	24.9	17.7	1.54	422	1.53	0.05	0.26
90221		62.3	3.54	10.05	0.24	0.25	<0.01	0.031	1.29	22.0	17.2	1.49	379	1.22	0.05	0.24
90222		5.0	0.11	0.12	<0.05	<0.02	<0.01	<0.005	0.02	1.3	0.4	0.84	102	0.22	<0.01	<0.05
90223		46.1	3.73	10.80	0.23	0.28	<0.01	0.033	1.78	27.2	20.5	1.62	440	1.71	0.05	0.37
90224		96.2	4.19	10.80	0.26	0.38	<0.01	0.038	1.64	29.9	20.1	1.70	434	3.49	0.07	0.26
90225		62.4	3.54	9.86	0.25	0.22	<0.01	0.032	1.49	24.1	17.8	1.44	404	1.13	0.06	0.27
90226		46.4	3.25	9.01	0.23	0.24	<0.01	0.028	1.31	27.1	16.4	1.40	341	1.25	0.07	0.25
90227		50.6	3.57	10.70	0.14	0.24	<0.01	0.031	1.50	25.2	18.0	1.57	370	1.16	0.06	0.27
90228		66.8	3.94	12.35	0.17	0.25	<0.01	0.038	1.77	24.4	20.1	1.71	446	2.81	0.09	0.28
90229		39.8	3.33	9.49	0.22	0.24	<0.01	0.025	1.53	32.2	19.6	1.97	378	0.69	0.07	0.18
90230		48.8	3.80	12.45	0.14	0.19	<0.01	0.033	1.75	21.6	19.6	1.68	419	1.32	0.09	0.26
90231		58.1	4.16	13.00	0.15	0.21	<0.01	0.035	1.89	20.3	22.0	1.85	397	16.25	0.06	0.24
90232		58.9	3.71	12.00	0.15	0.26	<0.01	0.038	1.61	23.8	19.2	1.72	384	2.13	0.07	0.37
90233		54.0	3.65	11.75	0.18	0.24	<0.01	0.035	1.76	26.8	19.4	1.64	450	1.12	0.07	0.32
90234		74.2	2.85	6.53	0.15	0.16	<0.01	0.014	1.38	17.8	16.6	1.92	286	0.29	0.06	0.08
90235		93.0	3.64	8.24	0.15	0.26	<0.01	0.026	1.41	28.5	16.4	1.45	399	0.26	0.07	0.17
90236		89.1	3.72	9.23	0.16	0.24	<0.01	0.019	1.69	28.5	18.8	1.94	377	3.09	0.06	0.15
90237		46.6	4.28	13.80	0.18	0.22	<0.01	0.042	2.22	27.4	23.3	2.06	552	1.55	0.06	0.31
90238		67.7	5.33	18.15	0.28	0.23	<0.01	0.058	3.20	40.0	36.9	3.77	594	1.68	0.07	0.24
90239		64.7	4.39	14.05	0.15	0.18	<0.01	0.038	2.26	23.7	22.8	2.02	461	3.94	0.07	0.27
90240		45.3	4.37	11.05	0.15	0.18	<0.01	0.057	2.02	16.7	19.4	2.14	325	2.01	0.08	0.14



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Page: 2 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365694**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
90201		73.3	690	4.3	56.9	0.001	0.55	0.15	10.9	0.5	0.4	24.7	<0.01	0.06	7.1	0.212
90202		6.5	60	0.6	0.3	<0.001	0.01	0.07	0.6	0.6	<0.2	82.7	<0.01	<0.01	<0.2	<0.005
90203		28.6	1290	3.2	15.4	<0.001	0.52	<0.05	5.9	0.3	0.3	17.6	<0.01	0.04	4.1	0.111
90204		65.4	640	3.0	48.8	<0.001	0.34	<0.05	9.7	0.3	0.6	24.5	0.01	0.03	7.2	0.205
90205		>10000	70	38.9	1.6	0.046	>10.0	0.25	1.5	12.4	0.9	5.2	<0.01	1.01	0.5	0.038
90206		105.5	760	4.2	98.3	0.001	0.39	<0.05	20.8	0.5	1.1	19.5	0.01	0.04	6.4	0.330
90207		91.3	700	2.7	90.5	<0.001	0.43	<0.05	18.2	0.5	0.7	20.6	0.01	0.06	7.0	0.300
90208		83.1	620	2.7	75.2	0.001	0.41	<0.05	14.8	0.5	0.6	21.9	0.01	0.04	7.2	0.258
90209		96.3	1500	2.2	80.5	<0.001	0.29	<0.05	11.6	0.3	0.6	19.2	<0.01	0.02	5.9	0.262
90210		85.0	560	2.9	77.6	0.001	0.25	<0.05	15.4	0.3	0.9	14.1	0.01	0.02	6.7	0.277
90211		72.4	570	3.7	63.9	0.001	0.25	<0.05	12.6	0.4	0.8	16.5	0.01	0.02	7.5	0.237
90212		71.6	550	3.6	65.9	0.001	0.25	<0.05	12.4	0.3	0.8	14.7	0.01	0.03	7.4	0.232
90213		88.7	580	3.3	79.6	0.001	0.25	<0.05	15.7	0.4	1.0	14.1	<0.01	0.04	6.7	0.270
90214		79.1	600	3.2	68.4	0.001	0.33	<0.05	13.1	0.3	0.9	14.6	<0.01	0.04	7.5	0.244
90215		78.3	580	3.2	71.2	0.001	0.35	<0.05	13.4	0.4	0.8	15.2	0.01	0.03	7.8	0.247
90216		78.4	600	3.3	56.4	<0.001	0.70	<0.05	10.5	0.6	0.6	16.0	<0.01	0.04	8.4	0.202
90217		86.7	660	3.0	80.3	0.001	0.35	<0.05	15.4	0.5	0.8	16.7	0.01	0.02	7.5	0.262
90218		76.3	560	3.1	71.1	0.001	0.49	<0.05	13.6	0.2	0.8	14.5	<0.01	0.03	7.6	0.224
90219		111.5	540	3.1	95.0	0.002	0.32	<0.05	11.2	0.3	0.6	7.6	<0.01	0.06	7.1	0.235
90220		88.1	610	2.8	70.4	<0.001	0.31	<0.05	12.0	0.3	0.7	12.1	<0.01	0.04	6.4	0.213
90221		77.0	730	2.5	57.0	0.001	0.36	<0.05	12.8	0.5	0.8	13.4	<0.01	0.04	5.9	0.231
90222		5.6	60	0.4	0.7	<0.001	<0.01	0.08	0.6	0.6	<0.2	79.8	<0.01	0.01	0.2	<0.005
90223		76.2	570	2.7	79.1	0.001	0.28	<0.05	14.0	0.3	0.8	8.7	<0.01	0.03	6.9	0.292
90224		97.4	870	2.9	75.9	0.001	0.77	<0.05	16.8	0.5	1.0	13.6	0.01	0.05	7.4	0.300
90225		78.4	590	2.3	59.6	0.001	0.32	<0.05	13.4	0.4	0.8	10.6	0.01	0.05	6.1	0.234
90226		68.3	520	2.9	50.3	0.001	0.27	<0.05	11.3	0.3	0.7	13.2	<0.01	0.04	8.9	0.189
90227		76.1	560	3.3	60.3	0.001	0.30	<0.05	12.5	0.2	0.8	8.4	<0.01	0.04	6.7	0.208
90228		92.8	680	2.4	81.9	0.001	0.35	<0.05	16.9	0.5	0.9	14.7	<0.01	0.04	6.4	0.265
90229		62.0	1590	2.3	69.8	0.001	0.17	<0.05	12.0	0.2	0.6	15.9	<0.01	0.02	5.9	0.227
90230		80.6	550	2.3	77.7	<0.001	0.24	<0.05	13.0	0.3	0.9	10.2	<0.01	0.02	5.5	0.236
90231		97.1	560	1.9	81.5	0.004	0.38	<0.05	15.8	0.3	0.9	5.5	<0.01	0.04	4.5	0.246
90232		85.1	660	2.0	69.2	0.001	0.45	<0.05	15.0	0.4	1.0	9.1	0.01	0.04	5.7	0.213
90233		81.6	620	2.7	76.8	<0.001	0.26	<0.05	13.8	0.5	0.9	10.1	<0.01	0.04	6.9	0.283
90234		130.0	1370	1.6	69.1	<0.001	0.37	<0.05	3.9	0.4	0.4	17.3	<0.01	0.03	2.9	0.201
90235		66.5	890	2.5	67.2	<0.001	0.67	<0.05	10.6	0.3	0.6	14.5	<0.01	0.03	7.0	0.243
90236		89.7	1080	2.4	78.1	0.002	0.54	<0.05	12.4	0.4	0.6	16.8	<0.01	0.05	6.1	0.253
90237		91.1	630	2.3	95.3	0.001	0.31	<0.05	17.7	0.5	1.0	7.3	0.01	0.04	6.5	0.313
90238		176.0	1440	4.4	144.0	0.001	0.27	<0.05	20.9	0.6	1.5	17.4	0.01	0.05	7.5	0.347
90239		101.0	530	3.0	98.3	0.001	0.28	<0.05	16.6	0.4	1.0	9.1	<0.01	0.03	6.2	0.326
90240		110.0	470	2.3	98.6	0.001	0.30	<0.05	19.5	0.3	1.1	4.8	<0.01	0.05	4.0	0.249



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365694**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Cu-OG46	CRU-QC	PUL-QC
		Tl	U	V	W	Y	Zn	Zr	Cu	Pass2mm	Pass75um
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
		0.02	0.05	1	0.05	0.05	2	0.5	0.001	0.01	0.01
90201		0.35	1.80	78	0.07	9.67	66	10.9		90.9	97.7
90202		<0.02	0.10	<1	<0.05	2.29	2	<0.5			96.3
90203		0.10	0.99	49	0.05	6.59	50	11.5			
90204		0.32	1.88	72	0.05	9.44	62	14.0			
90205		0.08	0.11	18	3.10	1.37	64	2.6	1.420		
90206		0.58	1.59	133	0.08	12.35	94	12.6			95.4
90207		0.51	1.71	118	0.08	13.40	85	13.2			96.1
90208		0.44	1.61	94	0.07	11.70	69	13.5			
90209		0.48	1.17	91	0.07	10.20	66	11.3			
90210		0.45	1.66	100	0.12	8.14	82	11.6			
90211		0.37	2.04	88	0.12	9.33	76	10.9			
90212		0.38	1.98	87	0.11	9.36	76	10.4			96.6
90213		0.45	1.88	102	0.16	8.10	81	11.0			97.1
90214		0.42	1.99	92	0.10	9.70	80	13.2			
90215		0.44	2.08	94	0.08	10.05	81	12.9			
90216		0.35	2.37	81	0.06	9.15	68	17.6			
90217		0.50	1.88	104	0.06	11.40	80	14.1			
90218		0.42	1.86	93	0.08	10.40	72	12.7			
90219		0.61	1.74	86	0.11	6.87	85	10.2			
90220		0.40	1.62	87	0.12	8.29	74	9.0			
90221		0.34	1.44	85	0.11	8.36	64	10.1			
90222		<0.02	0.20	<1	0.87	3.29	2	<0.5			
90223		0.50	1.87	94	0.08	9.18	75	10.4			
90224		0.44	1.79	105	0.08	10.10	74	15.1			
90225		0.34	1.51	91	0.07	8.34	70	8.6			
90226		0.25	2.03	78	0.07	7.73	70	9.0			
90227		0.33	1.59	89	0.07	8.16	84	10.1			
90228		0.47	1.50	108	0.13	8.28	80	11.1			
90229		0.46	1.57	88	0.09	10.75	66	10.9			
90230		0.43	1.45	92	0.12	6.65	83	8.7			
90231		0.49	1.32	111	0.11	6.15	88	9.4			
90232		0.39	1.40	98	0.11	7.88	79	10.7			
90233		0.45	1.68	94	0.11	9.13	76	10.5			
90234		0.46	0.84	64	0.09	5.32	46	6.7			
90235		0.43	1.52	81	0.06	9.56	67	11.6			
90236		0.48	1.34	90	0.07	9.34	70	10.7			
90237		0.57	1.58	118	0.14	9.62	83	8.9			
90238		0.87	1.80	144	0.18	18.25	141	10.9			
90239		0.59	1.48	114	0.14	7.86	94	8.2			
90240		0.61	1.09	117	0.06	4.43	27	6.0		89.6	90.3

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 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 3 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365694**

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Recvd Wt. kg	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm
		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
90241		1.03	0.13	2.86	<0.1	<0.02	<10	260	0.27	0.22	0.16	0.09	36.1	29.2	188	3.64
90242		1.30	0.10	2.89	<0.1	<0.02	<10	280	0.28	0.20	0.17	0.07	34.0	26.0	181	3.24
90243		3.04	0.13	2.81	<0.1	<0.02	<10	350	0.14	0.39	0.12	0.13	25.4	30.6	175	3.46
90244		4.40	0.13	2.75	0.2	<0.02	<10	290	0.21	0.48	0.15	0.27	27.8	31.6	171	3.61
90245		<0.02	0.14	2.83	<0.1	<0.02	<10	300	0.21	0.47	0.15	0.27	26.5	31.1	178	3.52
90246		1.43	0.04	1.83	0.3	<0.02	<10	110	0.33	0.31	1.60	0.15	69.6	17.8	130	2.12
90247		3.57	0.10	3.11	<0.1	<0.02	<10	440	0.22	0.18	0.43	0.05	51.4	30.0	201	5.06
90248		2.35	0.32	1.50	0.3	<0.02	<10	70	0.15	0.72	0.24	1.80	43.4	31.6	126	1.98
90249		2.48	1.26	0.58	0.4	<0.02	<10	60	0.13	2.14	0.35	7.04	53.8	67.5	34	0.49
90250		3.93	0.43	0.64	<0.1	<0.02	<10	90	0.11	0.81	0.27	4.44	61.4	46.9	110	0.83

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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To: MINROC MANAGEMENT LTD.  
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Page: 3 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

<b>CERTIFICATE OF ANALYSIS SD22365694</b>
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Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
90241		105.0	4.75	14.60	0.16	0.23	<0.01	0.053	1.74	18.0	22.2	2.18	402	4.78	0.07	<0.05
90242		98.9	4.79	13.45	0.13	0.19	<0.01	0.045	1.75	16.8	22.5	2.18	407	3.26	0.07	<0.05
90243		89.9	4.67	9.73	0.12	0.14	<0.01	0.067	1.77	12.4	18.6	2.06	336	3.87	0.06	0.05
90244		93.7	4.94	12.80	0.12	0.15	<0.01	0.064	1.78	13.6	22.4	2.01	428	4.75	0.06	0.11
90245		96.1	5.10	12.35	0.12	0.15	<0.01	0.058	1.83	12.8	23.1	2.07	437	4.92	0.06	0.11
90246		31.7	2.27	6.23	0.19	0.10	<0.01	0.028	0.69	33.3	10.4	1.57	323	9.54	0.10	0.06
90247		61.8	5.24	14.20	0.18	0.15	<0.01	0.045	2.20	24.5	26.9	2.41	612	2.55	0.08	0.21
90248		151.5	5.52	8.15	0.13	0.29	<0.01	0.086	1.01	19.6	14.6	1.46	376	3.95	0.06	0.06
90249		1015	13.90	3.45	0.20	0.32	<0.01	0.419	0.16	26.9	4.9	0.39	164	13.40	0.05	0.88
90250		380	7.36	4.24	0.18	0.38	<0.01	0.401	0.42	31.2	6.2	0.63	180	88.2	0.07	0.42

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*





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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 3 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365694**

Sample Description	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Method Analyte Units LOD	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
90241	123.5	580	1.9	86.8	0.001	0.78	<0.05	18.8	0.7	1.1	5.1	<0.01	0.09	4.3	0.224
90242	111.5	610	1.8	79.7	0.001	0.75	<0.05	17.4	0.5	1.0	5.6	<0.01	0.08	4.3	0.226
90243	130.0	470	1.7	87.5	0.002	0.77	<0.05	18.5	0.6	1.1	3.2	<0.01	0.10	2.7	0.225
90244	127.0	500	2.8	89.7	0.003	0.81	<0.05	15.2	0.9	1.0	4.5	<0.01	0.10	3.0	0.223
90245	129.0	510	2.8	87.1	0.003	0.86	<0.05	14.9	0.9	0.9	4.3	<0.01	0.12	3.0	0.230
90246	28.0	1540	2.6	35.8	0.001	0.17	<0.05	10.7	0.3	0.6	39.2	<0.01	0.05	5.4	0.106
90247	106.5	890	3.2	106.0	0.001	0.89	<0.05	20.2	0.4	1.0	13.2	<0.01	0.06	5.0	0.298
90248	119.0	480	9.2	53.1	0.004	2.86	<0.05	11.8	1.5	0.8	6.8	<0.01	0.13	6.8	0.106
90249	183.5	350	17.2	9.3	0.007	8.25	<0.05	4.2	7.2	0.9	11.3	0.01	0.40	9.2	0.079
90250	145.5	450	10.3	26.3	0.030	3.70	<0.05	6.3	3.9	1.2	10.8	<0.01	0.22	9.6	0.110

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Page: 3 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 17-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

<b>CERTIFICATE OF ANALYSIS SD22365694</b>
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Sample Description	Method Analyte Units LOD	ME-MS41 TI ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	Cu-OG46 Cu % 0.001	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
90241		0.58	1.07	121	0.08	5.89	60	9.4			
90242		0.52	0.95	123	0.06	5.86	66	8.7			
90243		0.66	0.92	110	0.05	3.40	28	6.1			
90244		0.77	1.02	111	0.08	3.81	189	6.4			
90245		0.76	1.08	114	0.07	3.69	197	6.0			
90246		0.39	0.99	68	0.08	8.33	59	3.8			
90247		1.55	1.28	144	0.09	9.25	103	6.3			
90248		1.21	1.48	78	0.19	6.54	647	11.8			
90249		0.23	1.83	22	0.12	8.96	2400	12.2			
90250		0.60	1.21	44	0.17	8.36	1150	16.0			

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: Appendix 1  
 Total # Appendix Pages: 1  
 Finalized Date: 17-JAN-2023  
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Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365694**

	<b>CERTIFICATE COMMENTS</b>															
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).            ME-MS41</p>															
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-22</td> <td style="width: 15%;"></td> <td style="width: 15%;">LOG-22d</td> </tr> <tr> <td>LOG-24</td> <td>PUL-31</td> <td>PUL-31d</td> <td></td> <td>PUL-QC</td> </tr> <tr> <td>SPL-21</td> <td>SPL-21d</td> <td>WEI-21</td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-22		LOG-22d	LOG-24	PUL-31	PUL-31d		PUL-QC	SPL-21	SPL-21d	WEI-21		
CRU-31	CRU-QC	LOG-22		LOG-22d												
LOG-24	PUL-31	PUL-31d		PUL-QC												
SPL-21	SPL-21d	WEI-21														
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Cu-OG46</td> <td style="width: 33%;">ME-MS41</td> <td style="width: 33%;">ME-OG46</td> <td></td> </tr> </table>	Cu-OG46	ME-MS41	ME-OG46												
Cu-OG46	ME-MS41	ME-OG46														



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Page: 1  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
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**SD22365695**

Project: LAL-VIC 2022 DDH  
 P.O. No.: BATCH 27  
 This report is for 50 samples of 1/2 Core submitted to our lab in Sudbury, ON,  
 Canada on 19-DEC-2022.

The following have access to data associated with this certificate:

SAHIL ALURKAR  
 FRANCIS NEWTON

FRANCIS NEWTON  
 BRIAN NEWTON

BRIAN NEWTON  
 ACCESS WEBTRIEVE

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS41	Ultra Trace Aqua Regia ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**

Saa Traxler, Director, North Vancouver Operations



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Page: 2 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 25-JAN-2023  
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**CERTIFICATE OF ANALYSIS SD22365695**

Sample Description	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Recvd Wt. kg	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm
	0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
90251	4.09	0.21	1.46	0.1	<0.02	<10	150	0.32	0.28	1.08	0.04	41.3	40.6	450	1.93
90252	1.12	<0.01	0.03	0.1	<0.02	<10	20	<0.05	0.01	>25.0	0.01	1.16	1.1	3	<0.05
90253	3.22	0.12	1.44	0.3	<0.02	<10	160	0.28	0.24	0.97	2.65	35.9	48.6	497	2.44
90254	3.43	0.04	2.32	1.8	<0.02	<10	360	0.44	0.22	3.08	0.04	28.4	36.8	650	5.18
90255	3.67	0.08	2.22	1.3	<0.02	<10	470	0.31	0.23	0.98	0.04	22.1	45.6	741	6.36
90256	3.11	3.58	0.19	0.9	<0.02	<10	10	0.09	6.16	1.51	16.45	38.6	156.0	31	0.09
90257	4.12	0.40	0.21	0.7	<0.02	<10	40	0.08	0.70	0.65	0.65	19.00	118.0	133	0.11
90258	2.51	0.36	0.26	1.5	<0.02	<10	80	0.09	1.23	0.21	5.83	33.5	108.5	297	0.32
90259	2.07	0.42	0.10	1.1	<0.02	<10	<10	0.05	1.70	0.20	6.18	42.2	91.5	43	<0.05
90260	2.85	0.57	0.42	0.3	<0.02	<10	60	0.10	1.67	0.28	6.20	37.9	85.6	208	0.37
90261	3.29	0.07	2.77	1.2	<0.02	<10	280	0.24	0.29	0.60	0.03	46.0	54.8	905	6.17
90262	<0.02	0.07	2.77	1.4	<0.02	<10	290	0.24	0.28	0.60	0.03	45.9	53.8	902	6.42
90263	3.32	0.22	2.51	2.1	<0.02	<10	30	0.06	0.63	0.19	<0.01	0.66	65.2	1180	1.38
90264	2.42	0.06	2.47	0.1	<0.02	<10	<10	<0.05	0.28	0.14	0.01	0.57	67.1	1175	0.21
90265	2.06	0.05	2.54	0.2	<0.02	<10	<10	<0.05	0.28	0.14	0.01	0.54	68.5	1215	0.21
90266	4.25	0.04	2.66	0.7	<0.02	<10	<10	<0.05	0.26	0.49	0.01	0.68	70.0	1295	0.15
90267	4.23	0.03	2.15	4.4	<0.02	<10	<10	<0.05	0.27	0.74	0.01	0.63	60.0	1330	0.15
90268	3.97	0.03	2.36	1.4	<0.02	<10	<10	<0.05	0.25	0.46	0.01	0.48	57.3	1360	0.16
90269	4.54	0.02	2.32	1.0	<0.02	<10	<10	<0.05	0.18	0.81	0.01	0.68	49.2	1120	0.14
90270	4.20	0.02	2.55	1.8	<0.02	<10	<10	<0.05	0.15	0.84	0.01	0.71	46.6	1135	0.49
90271	4.14	0.03	2.52	1.2	<0.02	<10	<10	<0.05	0.22	0.58	0.01	0.59	54.2	1225	0.18
90272	0.77	<0.01	0.07	<0.1	<0.02	10	10	0.07	0.01	>25.0	0.01	1.05	1.7	22	0.05
90273	4.85	0.02	2.39	0.6	<0.02	<10	<10	<0.05	0.14	0.68	0.01	0.73	44.4	1080	0.20
90274	4.62	0.04	2.92	1.3	<0.02	<10	310	0.16	0.21	0.74	0.01	11.25	48.1	1070	6.14
90275	4.21	0.04	2.31	0.8	<0.02	<10	<10	<0.05	0.25	0.26	0.01	0.76	52.0	1235	0.32
90276	4.71	0.04	2.82	0.3	<0.02	<10	10	<0.05	0.22	0.31	0.01	0.66	63.2	1475	0.39
90277	4.86	0.03	2.86	0.2	<0.02	<10	730	0.10	0.15	1.41	0.01	0.96	45.2	839	8.61
90278	4.82	0.11	2.80	0.8	<0.02	<10	290	0.11	0.89	0.51	0.01	0.92	57.2	1285	4.28
90279	4.38	0.01	1.40	1.0	<0.02	<10	<10	<0.05	0.48	3.38	0.04	1.93	49.7	1040	0.20
90280	4.56	0.02	1.87	2.4	<0.02	<10	<10	<0.05	0.41	2.29	0.03	1.40	54.5	1245	0.21
90281	4.46	0.03	2.57	0.6	<0.02	<10	<10	<0.05	0.30	1.03	0.02	0.98	66.0	1545	0.29
90282	4.77	0.04	2.19	0.3	<0.02	<10	<10	<0.05	0.20	0.53	0.01	0.71	59.0	1390	0.21
90283	4.96	0.04	2.28	0.1	<0.02	<10	280	0.14	0.35	1.09	0.03	11.40	54.7	1120	6.96
90284	4.60	0.06	2.19	0.2	<0.02	<10	240	0.11	0.31	1.54	0.03	7.54	63.3	1105	4.78
90285	5.10	0.07	2.75	0.1	<0.02	<10	430	0.13	0.21	1.00	0.03	2.13	60.8	1355	7.88
90286	4.70	0.01	3.06	0.1	<0.02	<10	440	0.15	0.12	1.02	0.02	0.90	62.5	1640	8.93
90287	4.54	0.01	1.39	0.4	<0.02	<10	<10	<0.05	0.43	2.61	0.04	1.55	47.2	1140	0.29
90288	4.42	0.02	1.13	2.9	<0.02	10	10	<0.05	0.92	3.07	0.04	4.93	51.7	835	0.38
90289	4.70	0.02	0.85	8.0	<0.02	10	<10	<0.05	0.90	2.80	0.03	0.85	62.9	790	0.44
90290	4.47	0.01	1.08	2.5	<0.02	<10	<10	<0.05	0.52	4.25	0.04	1.52	50.2	888	0.25



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Page: 2 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
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 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365695**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
90251		171.5	4.28	4.26	0.18	0.18	<0.01	0.021	0.86	19.4	19.3	1.86	310	0.93	0.07	0.08
90252		4.1	0.11	0.07	<0.05	<0.02	<0.01	<0.005	0.01	1.3	0.3	0.48	92	0.09	<0.01	<0.05
90253		128.0	3.47	4.08	0.13	0.18	<0.01	0.169	0.90	17.5	17.2	1.90	346	3.89	0.08	0.05
90254		44.6	3.40	7.09	0.15	0.16	<0.01	0.018	1.53	13.1	22.6	3.23	540	3.06	0.09	0.05
90255		103.0	3.55	6.97	0.11	0.11	<0.01	0.022	1.78	10.7	22.8	3.27	360	3.50	0.04	<0.05
90256		880	21.2	0.97	0.23	0.35	0.01	1.635	0.01	19.8	1.3	0.10	227	2.86	0.05	1.00
90257		294	5.68	1.02	0.12	0.18	<0.01	0.076	0.04	9.4	2.5	0.22	109	2.31	0.06	0.28
90258		303	4.48	1.69	0.10	0.26	<0.01	0.774	0.16	17.9	5.1	0.30	106	3.79	0.06	0.13
90259		314	4.01	0.61	0.10	0.21	<0.01	1.000	<0.01	21.0	0.4	0.05	64	4.87	0.07	0.23
90260		408	6.98	2.36	0.12	0.28	0.01	0.783	0.07	18.9	3.2	0.52	147	4.47	0.05	0.18
90261		52.2	4.24	9.88	0.17	0.13	<0.01	0.036	1.16	20.4	32.5	4.36	393	17.50	0.04	0.06
90262		52.5	4.26	9.98	0.17	0.13	<0.01	0.036	1.16	20.2	32.7	4.40	394	16.10	0.04	0.06
90263		92.8	3.80	6.38	0.10	<0.02	<0.01	0.009	0.14	0.3	16.6	4.08	267	114.0	0.01	<0.05
90264		66.4	3.67	5.89	0.09	<0.02	<0.01	0.008	<0.01	0.3	9.3	4.05	246	1.42	<0.01	<0.05
90265		65.7	3.75	6.13	0.10	<0.02	<0.01	0.010	<0.01	0.2	9.5	4.16	251	0.23	<0.01	<0.05
90266		62.9	4.08	6.10	0.11	<0.02	<0.01	0.012	<0.01	0.4	5.5	4.61	290	0.15	<0.01	<0.05
90267		67.7	3.20	5.25	0.08	<0.02	<0.01	0.011	<0.01	0.3	2.8	3.99	234	0.10	<0.01	<0.05
90268		67.4	3.34	5.75	0.08	<0.02	<0.01	0.010	<0.01	0.2	2.9	4.19	234	0.08	<0.01	<0.05
90269		45.4	3.19	5.40	0.08	<0.02	<0.01	0.008	<0.01	0.4	3.6	3.92	313	0.10	<0.01	<0.05
90270		32.3	3.32	6.13	0.08	<0.02	<0.01	0.010	0.01	0.4	5.0	4.19	352	0.05	0.01	<0.05
90271		78.9	3.41	5.95	0.07	<0.02	<0.01	0.009	<0.01	0.3	3.9	4.16	289	0.12	<0.01	<0.05
90272		7.6	0.18	0.21	<0.05	0.05	<0.01	<0.005	0.01	1.1	0.5	0.75	93	0.08	<0.01	0.24
90273		54.8	3.04	5.69	0.08	<0.02	<0.01	0.008	0.01	0.4	4.1	4.03	287	0.10	<0.01	<0.05
90274		46.5	3.93	7.36	0.11	0.04	<0.01	0.011	0.97	4.8	23.1	4.72	348	0.06	0.03	<0.05
90275		82.9	3.05	6.08	0.09	<0.02	<0.01	0.011	0.01	0.4	4.1	4.13	199	0.19	<0.01	<0.05
90276		91.8	3.91	7.27	0.09	<0.02	<0.01	0.010	0.02	0.3	5.1	4.85	266	0.08	0.01	<0.05
90277		9.6	3.97	6.35	0.08	0.02	<0.01	0.007	1.64	0.5	28.6	4.53	502	0.06	0.06	<0.05
90278		54.7	4.05	6.52	0.10	<0.02	<0.01	0.009	0.72	0.5	15.0	4.93	296	0.07	0.01	<0.05
90279		22.8	3.04	3.70	0.08	<0.02	<0.01	0.011	<0.01	0.8	1.6	4.95	484	0.08	<0.01	<0.05
90280		26.1	3.58	4.44	0.11	<0.02	<0.01	0.013	0.01	0.6	1.5	5.31	458	0.05	<0.01	<0.05
90281		75.7	4.21	5.94	0.10	<0.02	<0.01	0.017	<0.01	0.4	2.0	5.70	323	0.71	<0.01	<0.05
90282		69.1	3.59	5.64	0.08	<0.02	<0.01	0.014	<0.01	0.3	1.8	4.51	226	0.10	<0.01	<0.05
90283		55.9	3.58	7.23	0.11	0.04	0.01	0.013	1.00	4.9	18.5	4.79	336	0.09	0.01	<0.05
90284		88.4	3.67	6.83	0.12	0.02	<0.01	0.016	0.94	3.0	12.7	4.86	371	0.07	0.01	<0.05
90285		63.0	4.37	6.98	0.09	0.02	<0.01	0.012	1.27	1.0	17.1	5.06	380	0.15	0.02	<0.05
90286		26.6	5.72	6.84	0.10	<0.02	0.01	0.014	1.23	0.4	18.8	5.88	419	0.05	0.02	<0.05
90287		36.2	3.24	3.69	0.10	<0.02	<0.01	0.012	0.01	0.6	1.8	4.95	592	0.05	<0.01	<0.05
90288		37.1	3.57	2.97	0.12	<0.02	<0.01	0.012	0.01	1.9	1.3	6.20	662	0.06	<0.01	<0.05
90289		32.4	3.88	2.24	0.12	<0.02	<0.01	0.009	<0.01	0.3	1.1	7.80	823	0.07	<0.01	<0.05
90290		22.3	3.46	3.05	0.10	<0.02	<0.01	0.011	<0.01	0.6	1.2	5.97	778	0.06	<0.01	<0.05



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Page: 2 - C  
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Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
90251		188.5	1600	4.2	41.2	<0.001	1.60	<0.05	4.2	1.1	1.3	15.6	<0.01	0.13	2.9	0.176
90252		1.1	80	0.4	0.3	<0.001	<0.01	<0.05	0.3	0.6	<0.2	82.4	<0.01	<0.01	<0.2	<0.005
90253		372	1100	5.6	40.3	0.003	1.08	<0.05	4.0	1.1	0.5	14.4	<0.01	0.10	2.5	0.144
90254		307	1350	6.9	65.9	0.002	0.21	<0.05	5.1	<0.2	0.8	126.0	<0.01	0.04	2.5	0.195
90255		436	700	6.3	79.7	0.002	0.48	<0.05	3.0	0.7	0.6	40.3	<0.01	0.06	1.5	0.176
90256		1360	600	160.5	0.5	0.006	7.86	<0.05	2.3	9.5	2.0	26.6	<0.01	0.79	3.3	0.095
90257		1375	480	10.0	1.9	0.002	3.08	<0.05	2.0	2.5	1.5	16.5	<0.01	0.23	1.4	0.128
90258		1190	370	18.0	8.0	0.005	2.79	<0.05	1.8	3.2	1.3	3.7	<0.01	0.20	3.3	0.082
90259		813	440	36.6	0.1	0.008	2.58	<0.05	1.5	3.1	1.1	3.8	<0.01	0.22	5.3	0.058
90260		798	370	28.6	3.4	0.004	3.81	<0.05	1.6	4.2	1.1	12.8	<0.01	0.29	3.9	0.074
90261		529	1280	3.1	55.8	0.007	0.32	0.05	2.3	0.4	0.4	21.9	<0.01	0.04	2.7	0.152
90262		534	1280	3.1	55.7	0.007	0.30	0.05	2.3	0.4	0.5	22.3	<0.01	0.04	2.7	0.153
90263		777	130	9.2	6.9	0.058	0.60	<0.05	1.2	0.6	<0.2	3.7	<0.01	0.08	<0.2	0.056
90264		774	130	1.2	0.3	0.002	0.69	<0.05	1.5	0.4	<0.2	3.1	<0.01	0.07	<0.2	0.037
90265		784	120	1.2	0.3	0.001	0.70	<0.05	1.6	0.6	<0.2	3.1	<0.01	0.09	<0.2	0.039
90266		766	130	0.4	0.2	<0.001	0.75	<0.05	2.3	0.4	<0.2	23.0	<0.01	0.07	<0.2	0.036
90267		771	80	0.4	0.2	<0.001	0.50	<0.05	2.0	0.2	<0.2	36.5	<0.01	0.05	<0.2	0.029
90268		725	80	0.3	0.2	<0.001	0.37	<0.05	2.1	0.3	<0.2	21.3	<0.01	0.05	<0.2	0.035
90269		584	110	0.4	0.3	<0.001	0.21	<0.05	1.7	0.2	<0.2	41.3	<0.01	0.03	<0.2	0.029
90270		524	130	1.0	0.7	<0.001	0.10	<0.05	2.0	0.2	<0.2	45.3	<0.01	0.02	<0.2	0.032
90271		622	90	0.2	0.3	<0.001	0.22	<0.05	1.8	0.2	<0.2	29.8	<0.01	0.03	<0.2	0.030
90272		9.8	70	0.4	0.4	<0.001	<0.01	<0.05	0.3	0.6	<0.2	78.4	<0.01	<0.01	0.2	<0.005
90273		498	100	0.3	0.4	<0.001	0.15	<0.05	1.6	<0.2	<0.2	30.4	<0.01	0.02	<0.2	0.031
90274		508	360	2.9	51.4	<0.001	0.12	<0.05	5.2	<0.2	<0.2	30.6	<0.01	0.02	0.8	0.098
90275		659	110	0.4	0.7	<0.001	0.28	<0.05	1.6	0.2	<0.2	12.4	<0.01	0.05	<0.2	0.024
90276		786	80	0.4	1.3	<0.001	0.39	<0.05	2.0	0.3	<0.2	15.3	<0.01	0.06	<0.2	0.030
90277		360	120	2.5	77.4	<0.001	0.04	<0.05	3.4	0.3	<0.2	91.0	<0.01	0.01	<0.2	0.131
90278		636	110	6.5	33.7	<0.001	0.28	0.06	2.5	0.3	<0.2	12.9	<0.01	0.04	<0.2	0.074
90279		748	60	2.1	0.3	<0.001	0.23	<0.05	3.6	0.3	<0.2	437	<0.01	0.03	<0.2	0.014
90280		747	90	1.3	0.5	<0.001	0.19	<0.05	4.6	0.2	<0.2	238	<0.01	0.05	<0.2	0.017
90281		879	110	0.6	0.3	<0.001	0.34	<0.05	3.7	0.2	<0.2	90.0	<0.01	0.05	<0.2	0.027
90282		775	70	0.3	0.3	<0.001	0.32	<0.05	2.5	0.3	<0.2	34.1	<0.01	0.04	<0.2	0.025
90283		831	400	2.7	49.0	<0.001	0.35	<0.05	3.3	0.2	<0.2	72.8	<0.01	0.07	1.3	0.071
90284		947	500	2.4	45.6	<0.001	0.62	<0.05	3.3	0.4	<0.2	112.5	<0.01	0.05	0.6	0.051
90285		710	150	5.7	63.0	<0.001	0.26	<0.05	2.7	<0.2	<0.2	70.8	<0.01	0.03	0.2	0.083
90286		543	150	0.8	68.1	<0.001	0.03	<0.05	4.0	0.2	<0.2	74.5	<0.01	0.02	<0.2	0.089
90287		743	<10	1.4	0.5	<0.001	0.15	<0.05	7.4	0.3	<0.2	270	<0.01	0.03	<0.2	0.014
90288		832	170	1.5	0.6	<0.001	0.09	<0.05	8.6	0.2	<0.2	352	<0.01	0.06	0.2	0.010
90289		1070	20	1.2	0.4	<0.001	0.12	<0.05	7.8	0.3	<0.2	278	<0.01	0.05	<0.2	0.011
90290		808	20	2.9	0.2	<0.001	0.15	<0.05	8.7	0.2	<0.2	529	<0.01	0.04	<0.2	0.010



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 25-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365695
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Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	CRU-QC	PUL-QC
		TI	U	V	W	Y	Zn	Zr	Pass2mm	Pass75um
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.02	0.05	1	0.05	0.05	2	0.5	0.01	0.01
90251		0.89	0.64	53	0.15	6.61	53	7.0	78.5	97.7
90252		<0.02	0.08	1	<0.05	2.23	2	<0.5		
90253		0.65	0.50	46	0.17	4.96	809	7.0		
90254		0.69	0.63	72	0.19	4.87	102	6.9		93.2
90255		0.76	0.35	71	0.08	2.90	101	4.9		
90256		<0.02	0.61	16	0.13	7.03	6110	13.3		
90257		0.04	0.36	18	0.10	6.20	272	6.7		
90258		0.09	0.55	27	0.13	6.07	2620	9.3		
90259		<0.02	0.72	8	0.13	5.97	3220	7.4		
90260		0.04	0.75	23	0.22	4.47	2800	10.0		
90261		0.46	1.25	77	0.15	4.35	194	6.3		
90262		0.46	1.16	77	0.17	4.36	198	6.1		
90263		0.07	<0.05	58	0.71	0.71	53	<0.5		92.1
90264		<0.02	<0.05	59	0.77	0.78	33	<0.5		94.5
90265		<0.02	<0.05	60	0.52	0.78	34	<0.5		
90266		<0.02	<0.05	77	1.23	0.92	33	<0.5		
90267		<0.02	<0.05	66	0.53	1.03	27	<0.5		
90268		<0.02	<0.05	71	0.51	0.89	31	<0.5		
90269		<0.02	<0.05	64	0.72	1.00	31	<0.5		93.8
90270		<0.02	<0.05	62	0.37	1.09	35	<0.5		93.1
90271		<0.02	<0.05	69	0.33	0.90	31	<0.5		
90272		<0.02	0.35	2	<0.05	2.89	3	0.7		
90273		<0.02	<0.05	60	0.79	0.85	29	<0.5		
90274		0.41	0.25	81	0.56	2.96	46	1.0		
90275		<0.02	<0.05	63	0.50	0.68	28	<0.5		
90276		<0.02	<0.05	78	0.40	0.75	36	<0.5		
90277		0.59	<0.05	76	0.16	1.92	38	0.5		
90278		0.25	<0.05	83	1.06	1.32	38	<0.5		
90279		<0.02	<0.05	46	0.33	3.69	21	<0.5		
90280		<0.02	<0.05	66	0.33	3.04	25	<0.5		
90281		<0.02	<0.05	100	0.48	1.78	31	<0.5		
90282		<0.02	<0.05	89	0.51	0.88	30	<0.5		
90283		0.39	0.33	72	0.36	2.57	46	1.5		
90284		0.35	0.22	74	0.10	2.86	40	0.6		
90285		0.46	0.07	90	0.27	1.72	37	<0.5		
90286		0.48	<0.05	132	0.36	2.36	38	<0.5		
90287		<0.02	<0.05	47	0.25	2.85	19	<0.5		
90288		<0.02	<0.05	44	0.18	4.40	20	<0.5		
90289		<0.02	<0.05	35	0.22	3.10	21	<0.5		91.1
90290		<0.02	<0.05	46	0.19	5.36	19	<0.5	73.4	92.7





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 OAKVILLE ON L6J 7J9

Page: 3 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 25-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365695**

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Recvd Wt. kg	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm
		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
90291		2.44	0.02	1.99	0.4	<0.02	<10	10	0.05	0.23	1.68	0.04	0.90	50.7	1475	0.48
90292		2.31	0.01	1.97	0.4	<0.02	<10	10	0.05	0.24	2.02	0.03	0.96	50.3	1400	0.48
90293		4.80	0.01	2.93	0.7	<0.02	<10	160	0.12	0.37	1.47	0.02	3.06	65.9	1745	2.78
90294		4.49	0.01	1.79	0.4	<0.02	<10	<10	<0.05	0.31	2.32	0.04	0.97	52.8	1225	0.39
90295		<0.02	0.01	1.82	0.5	<0.02	<10	<10	<0.05	0.42	2.36	0.04	0.99	53.3	1255	0.37
90296		4.70	0.01	1.32	0.8	<0.02	<10	<10	<0.05	0.41	4.00	0.04	1.30	52.6	1030	0.29
90297		4.44	0.02	1.11	8.4	<0.02	20	20	0.05	0.54	3.45	0.04	0.93	62.8	932	0.64
90298		4.44	0.01	1.38	0.6	<0.02	<10	<10	<0.05	0.36	3.84	0.05	1.23	52.8	1070	0.25
90299		4.27	0.01	1.69	0.7	<0.02	<10	10	<0.05	0.57	3.54	0.06	1.22	56.7	1305	0.31
90300		4.24	0.02	1.82	0.2	<0.02	<10	10	<0.05	0.29	3.45	0.08	2.21	62.1	1315	0.39

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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
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Page: 3 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 25-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365695**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
90291		63.1	3.77	5.00	0.09	<0.02	<0.01	0.016	<0.01	0.4	2.7	5.27	460	0.08	<0.01	<0.05
90292		55.7	3.59	4.91	0.08	<0.02	<0.01	0.016	<0.01	0.4	2.8	5.33	523	0.05	0.01	<0.05
90293		44.1	5.39	6.49	0.13	<0.02	<0.01	0.020	0.38	1.3	9.7	6.27	372	0.05	0.01	<0.05
90294		41.3	3.17	4.40	0.09	<0.02	<0.01	0.013	<0.01	0.4	2.7	5.34	586	0.05	0.01	<0.05
90295		37.1	3.25	4.50	0.10	<0.02	<0.01	0.012	<0.01	0.4	2.8	5.54	596	<0.05	<0.01	<0.05
90296		24.4	3.65	3.33	0.10	<0.02	<0.01	0.010	<0.01	0.5	2.1	5.90	833	<0.05	<0.01	<0.05
90297		24.9	4.11	2.69	0.14	<0.02	<0.01	0.010	<0.01	0.3	2.3	7.79	829	0.07	<0.01	<0.05
90298		28.5	3.97	3.33	0.13	<0.02	<0.01	0.012	<0.01	0.4	2.0	5.92	749	<0.05	<0.01	<0.05
90299		30.3	4.19	4.05	0.13	<0.02	<0.01	0.016	<0.01	0.4	3.4	6.22	847	<0.05	<0.01	<0.05
90300		63.7	3.77	4.83	0.12	<0.02	<0.01	0.017	<0.01	0.9	4.0	5.94	772	0.05	0.01	<0.05

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Page: 3 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 25-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

<b>CERTIFICATE OF ANALYSIS SD22365695</b>
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Sample Description	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Method Analyte Units LOD	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
90291	727	40	1.9	0.5	<0.001	0.11	<0.05	4.8	<0.2	<0.2	167.5	<0.01	0.02	<0.2	0.020
90292	725	20	1.6	0.5	<0.001	0.12	<0.05	4.6	0.2	<0.2	205	<0.01	0.02	<0.2	0.021
90293	799	280	1.8	19.3	<0.001	0.03	<0.05	8.4	0.3	0.2	148.5	<0.01	0.01	0.2	0.044
90294	836	<10	1.8	0.4	<0.001	0.19	<0.05	4.4	0.2	<0.2	242	<0.01	0.04	<0.2	0.018
90295	857	<10	1.8	0.4	<0.001	0.20	<0.05	4.5	0.2	<0.2	250	<0.01	0.02	<0.2	0.018
90296	840	30	2.3	0.3	<0.001	0.17	<0.05	10.2	0.2	<0.2	511	<0.01	0.06	<0.2	0.012
90297	1140	30	1.5	0.5	<0.001	0.13	<0.05	9.1	0.3	<0.2	617	<0.01	0.06	<0.2	0.014
90298	834	50	2.1	0.2	<0.001	0.16	<0.05	11.6	0.3	<0.2	534	<0.01	0.06	<0.2	0.012
90299	844	60	2.1	0.2	<0.001	0.13	<0.05	12.7	0.3	<0.2	452	<0.01	0.05	<0.2	0.015
90300	958	50	2.2	0.4	<0.001	0.30	<0.05	5.4	0.5	<0.2	397	<0.01	0.05	<0.2	0.014

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Page: 3 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 25-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365695
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Sample Description	Method Analyte Units LOD	ME-MS41 TI ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
90291		<0.02	<0.05	90	0.35	2.26	29	<0.5	77.8	
90292		<0.02	<0.05	82	0.41	2.46	29	<0.5		
90293		0.13	0.06	132	0.40	4.51	47	<0.5		
90294		<0.02	<0.05	60	0.19	2.67	27	<0.5		
90295		<0.02	<0.05	62	0.17	2.74	27	<0.5		
90296		<0.02	<0.05	53	0.16	4.78	20	<0.5		
90297		<0.02	<0.05	49	0.35	3.99	23	<0.5		
90298		<0.02	<0.05	59	0.17	5.06	21	<0.5		
90299		<0.02	<0.05	72	0.14	5.22	24	<0.5		
90300		<0.02	<0.05	70	0.16	4.41	27	<0.5		

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Page: Appendix 1  
 Total # Appendix Pages: 1  
 Finalized Date: 25-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365695**

	<b>CERTIFICATE COMMENTS</b>												
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).            ME-MS41</p>												
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-22</td> <td style="width: 15%;">LOG-22d</td> </tr> <tr> <td>PUL-31</td> <td>PUL-31d</td> <td>PUL-QC</td> <td>SPL-21</td> </tr> <tr> <td>SPL-21d</td> <td>WEI-21</td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-22	LOG-22d	PUL-31	PUL-31d	PUL-QC	SPL-21	SPL-21d	WEI-21		
CRU-31	CRU-QC	LOG-22	LOG-22d										
PUL-31	PUL-31d	PUL-QC	SPL-21										
SPL-21d	WEI-21												
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.            ME-MS41</p>												



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To: **MINROC MANAGEMENT LTD.**  
**2857 SHERWOOD HEIGHTS DRIVE, UNIT 2**  
**OAKVILLE ON L6J 7J9**

Page: 1  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 16-JAN-2023  
 This copy reported on  
 23-MAR-2023  
 Account: MINMAN

**SD22365235**

Project: LAL-VIC 2022 DDH  
 P.O. No.: BATCH 12  
 This report is for 50 samples of 1/2 Core submitted to our lab in Sudbury, ON,  
 Canada on 19-DEC-2022.

The following have access to data associated with this certificate:

SAHIL ALURKAR  
 ACCESS WEBTRIEVE

NATALIE BREWSTER

FRANCIS NEWTON

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21 d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS41	Ultra Trace Aqua Regia ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**



Saa Traxler, Director, North Vancouver Operations



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Page: 2 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
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Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365235**

Sample Description	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Recvd Wt. kg	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm
	0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
97001	4.82	0.03	2.47	<0.1	<0.02	<10	60	<0.05	0.31	1.82	0.03	1.41	65.6	1360	9.54
97002	0.60	<0.01	0.05	<0.1	<0.02	<10	10	<0.05	0.01	>25.0	0.01	1.11	3.8	17	0.21
97003	4.85	0.08	2.61	<0.1	<0.02	<10	330	0.17	0.42	0.37	0.01	1.04	61.6	1295	28.7
97004	4.94	0.13	3.43	<0.1	<0.02	<10	90	0.05	0.54	0.95	0.03	0.89	78.8	1925	19.90
97005	2.81	0.03	3.12	<0.1	<0.02	<10	700	0.28	0.28	0.20	0.01	0.93	55.7	1155	17.35
97006	2.71	0.03	0.61	0.2	<0.02	<10	390	0.21	0.03	0.50	0.01	66.9	4.6	55	1.56
97007	2.76	0.04	0.27	0.1	<0.02	<10	100	0.21	0.02	0.53	0.01	66.6	1.5	7	0.07
97008	2.51	0.04	0.23	<0.1	<0.02	<10	60	0.20	0.01	0.38	0.02	46.5	1.3	6	0.11
97009	2.82	0.05	0.25	0.1	<0.02	<10	60	0.19	0.02	0.50	0.01	74.8	2.0	6	<0.05
97010	2.63	0.03	0.23	0.2	<0.02	<10	50	0.23	0.01	0.38	0.01	51.5	1.4	5	<0.05
97011	2.36	0.04	0.24	<0.1	<0.02	<10	50	0.22	0.03	0.34	0.01	54.8	1.6	8	0.07
97012	<0.02	0.03	0.23	<0.1	<0.02	<10	50	0.22	0.03	0.36	0.01	56.9	1.6	7	0.05
97013	3.87	0.02	3.06	<0.1	<0.02	<10	1000	0.42	0.11	0.19	0.01	17.85	37.8	1135	5.96
97014	1.49	0.03	0.65	<0.1	<0.02	<10	230	0.17	0.02	0.36	0.01	82.1	5.3	43	0.78
97015	1.46	0.03	0.42	<0.1	<0.02	<10	130	0.16	0.02	0.39	0.01	81.6	3.3	16	0.42
97016	2.10	0.05	1.43	0.7	<0.02	<10	710	0.24	0.03	0.31	0.01	51.2	19.3	612	2.36
97017	3.20	0.02	3.39	0.6	<0.02	<10	1320	0.42	0.05	0.16	<0.01	5.76	49.8	1435	7.49
97018	2.13	0.04	1.33	0.5	<0.02	<10	740	0.27	0.04	0.32	0.01	61.1	19.3	511	2.25
97019	1.41	0.07	0.35	<0.1	<0.02	<10	250	0.15	0.04	0.41	0.01	78.5	4.2	9	0.30
97020	4.42	0.01	3.41	1.1	<0.02	<10	980	0.25	0.08	0.14	<0.01	13.20	45.2	1140	11.10
97021	3.02	0.05	2.48	0.1	<0.02	<10	360	0.15	0.32	0.11	0.01	1.86	50.1	1380	15.05
97022	0.75	0.01	0.03	<0.1	<0.02	<10	10	<0.05	0.01	>25.0	0.01	1.00	3.0	9	0.10
97023	2.16	0.04	1.81	0.9	<0.02	<10	170	0.05	0.36	0.57	<0.01	18.65	48.9	874	1.34
97024	5.02	0.02	1.43	0.4	<0.02	<10	<10	<0.05	0.35	2.23	0.01	1.07	59.9	1570	0.46
97025	4.19	0.08	2.68	1.3	<0.02	<10	210	0.12	0.44	0.38	0.06	4.55	73.6	2370	2.96
97026	4.15	0.05	1.66	<0.1	<0.02	<10	1000	0.35	0.08	2.18	0.04	77.0	21.5	187	2.17
97027	4.44	0.53	2.55	<0.1	<0.02	<10	810	0.25	0.04	1.51	0.02	47.1	28.0	431	4.41
97028	2.73	0.04	2.09	<0.1	<0.02	<10	530	0.27	0.07	2.28	0.03	53.5	30.1	247	3.44
97029	2.07	0.12	1.73	<0.1	<0.02	<10	240	0.25	0.20	1.74	0.08	63.1	38.0	264	2.66
97030	3.90	0.13	1.96	<0.1	<0.02	<10	130	0.29	0.34	0.34	0.07	58.1	31.7	306	3.68
97031	4.48	0.08	1.69	<0.1	<0.02	<10	480	0.22	0.19	0.65	0.08	52.9	26.2	252	2.69
97032	4.60	0.08	2.38	<0.1	<0.02	<10	580	0.26	0.11	0.58	0.02	62.3	29.9	300	4.22
97033	2.93	0.07	1.34	<0.1	<0.02	<10	210	0.12	0.23	0.21	0.01	57.2	18.6	171	2.32
97034	2.69	0.15	1.69	<0.1	<0.02	<10	400	0.11	0.30	0.26	0.06	79.5	22.6	206	2.17
97035	2.97	0.07	2.43	<0.1	<0.02	<10	420	0.24	0.13	0.60	0.05	64.5	26.9	361	3.36
97036	4.51	0.10	2.07	<0.1	<0.02	<10	320	0.11	0.20	0.23	0.05	55.5	21.2	189	2.58
97037	4.15	0.10	2.22	<0.1	<0.02	<10	410	0.14	0.19	0.21	0.07	66.6	21.1	178	2.72
97038	4.07	0.11	2.51	<0.1	<0.02	<10	560	0.16	0.20	0.27	0.10	52.2	23.5	224	3.15
97039	4.13	0.09	2.44	0.2	<0.02	<10	650	0.13	0.24	0.20	0.18	47.7	22.9	190	3.44
97040	4.42	0.07	1.93	<0.1	<0.02	<10	450	0.12	0.16	0.29	0.09	49.2	19.7	180	2.88



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Page: 2 - B  
 Total # Pages: 3 (A - D)  
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Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365235**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
97001		55.7	3.66	6.77	0.18	<0.02	<0.01	0.007	0.34	0.7	21.5	5.90	438	0.27	0.08	<0.05
97002		5.6	0.15	0.15	<0.05	<0.02	<0.01	<0.005	0.01	1.3	0.4	0.58	102	0.05	0.01	<0.05
97003		37.4	3.52	11.60	0.21	<0.02	0.01	<0.005	1.69	0.5	69.1	6.81	215	2.73	0.16	<0.05
97004		118.5	4.84	9.91	0.23	<0.02	<0.01	0.010	0.77	0.5	52.0	8.16	336	0.46	0.14	<0.05
97005		34.5	3.76	10.30	0.20	0.08	<0.01	0.008	2.49	0.5	96.4	7.19	236	0.19	0.17	<0.05
97006		12.0	0.87	2.33	0.13	0.59	<0.01	0.006	0.46	32.3	19.4	0.78	72	0.28	0.11	0.09
97007		6.4	0.61	1.82	0.11	0.79	<0.01	0.008	0.07	30.4	1.8	0.12	58	0.49	0.09	0.37
97008		6.6	0.53	1.56	0.09	0.99	<0.01	0.005	0.08	22.2	3.5	0.07	52	0.57	0.08	0.44
97009		12.4	0.67	1.52	0.12	0.70	<0.01	0.009	0.06	35.2	2.0	0.09	57	0.68	0.10	0.46
97010		5.6	0.52	1.49	0.10	0.72	<0.01	0.007	0.08	23.8	1.0	0.10	45	0.47	0.09	0.36
97011		4.2	0.59	1.45	0.10	0.82	<0.01	0.008	0.09	25.5	0.9	0.10	51	0.56	0.09	0.36
97012		4.5	0.61	1.48	0.10	0.79	<0.01	0.007	0.09	26.7	0.7	0.10	52	0.42	0.09	0.40
97013		6.7	3.38	11.60	0.18	0.29	<0.01	0.012	3.00	9.2	62.7	4.73	310	0.26	0.03	<0.05
97014		11.7	1.11	3.28	0.15	0.49	<0.01	0.009	0.44	38.2	8.7	0.69	88	0.35	0.10	0.12
97015		14.1	0.91	2.50	0.15	0.50	<0.01	0.010	0.21	38.2	4.2	0.31	73	0.49	0.12	0.20
97016		12.5	1.82	4.64	0.16	0.23	<0.01	0.008	1.37	24.8	33.7	2.22	158	0.28	0.06	0.05
97017		5.3	3.89	11.30	0.19	0.04	<0.01	0.010	3.47	2.5	84.8	6.08	269	0.98	0.04	<0.05
97018		38.6	1.72	5.50	0.16	0.33	<0.01	0.006	1.24	29.4	29.5	2.15	116	0.70	0.08	0.06
97019		38.9	0.74	1.55	0.14	0.42	<0.01	<0.005	0.15	37.5	3.5	0.36	49	3.20	0.12	0.31
97020		4.3	3.74	13.15	0.22	0.05	<0.01	0.008	2.85	6.2	52.1	6.09	241	0.90	0.04	<0.05
97021		48.3	3.13	8.06	0.16	<0.02	<0.01	<0.005	1.64	0.8	26.8	5.09	209	0.31	0.02	<0.05
97022		4.5	0.09	0.11	<0.05	<0.02	<0.01	<0.005	0.01	1.2	0.3	0.48	98	0.06	0.01	<0.05
97023		22.9	2.73	5.52	0.18	0.03	<0.01	0.010	0.26	9.1	10.6	3.82	236	0.15	0.02	<0.05
97024		45.2	3.15	4.51	0.17	<0.02	<0.01	0.010	<0.01	0.6	3.2	3.92	359	0.77	0.01	<0.05
97025		89.9	4.68	7.81	0.21	<0.02	<0.01	0.012	0.55	2.4	12.8	5.27	281	0.18	0.02	<0.05
97026		65.5	3.36	6.86	0.23	0.41	<0.01	0.016	0.85	39.3	24.1	1.87	494	0.13	0.11	0.12
97027		21.2	3.82	8.16	0.22	0.17	0.01	0.015	1.85	23.0	49.8	3.07	499	0.70	0.09	<0.05
97028		76.9	3.78	7.31	0.25	0.21	<0.01	0.018	1.48	25.4	33.3	2.36	511	3.44	0.10	0.06
97029		148.5	4.72	6.88	0.28	0.25	<0.01	0.024	1.20	29.2	23.2	2.00	430	1.80	0.09	0.08
97030		88.0	4.95	10.60	0.23	0.28	<0.01	0.050	1.74	28.7	24.1	2.12	425	2.07	0.07	0.22
97031		92.5	3.99	8.54	0.23	0.24	<0.01	0.025	1.31	25.4	18.4	1.67	377	2.05	0.07	0.26
97032		65.8	4.87	12.35	0.26	0.21	<0.01	0.028	2.11	29.9	23.8	2.33	495	3.09	0.09	0.31
97033		52.8	3.17	7.28	0.19	0.25	<0.01	0.021	1.25	29.5	9.2	1.27	354	1.82	0.07	0.31
97034		78.7	3.87	9.05	0.26	0.34	<0.01	0.030	1.40	42.5	15.4	1.47	473	2.79	0.06	0.43
97035		48.5	3.76	10.30	0.24	0.34	<0.01	0.025	1.96	30.1	27.4	2.65	418	0.85	0.04	0.30
97036		57.2	3.77	11.35	0.24	0.29	<0.01	0.037	1.67	29.1	21.4	1.54	510	1.40	0.06	0.46
97037		49.7	3.76	10.95	0.25	0.36	<0.01	0.031	1.70	36.5	22.7	1.59	484	1.50	0.05	0.38
97038		49.1	4.10	12.35	0.28	0.26	<0.01	0.034	1.85	25.9	26.7	1.90	557	1.30	0.05	0.30
97039		53.7	4.01	12.70	0.25	0.29	<0.01	0.037	1.88	24.5	25.4	1.65	514	1.49	0.06	0.35
97040		46.6	3.46	9.81	0.23	0.29	<0.01	0.028	1.39	25.3	17.8	1.59	420	1.14	0.06	0.28





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Page: 2 - C  
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**CERTIFICATE OF ANALYSIS SD22365235**

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		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
97001		1105	60	2.2	25.3	<0.001	0.55	<0.05	1.6	0.4	<0.2	263	<0.01	0.07	0.2	0.020
97002		15.7	70	0.3	0.7	<0.001	0.01	<0.05	0.5	0.9	<0.2	86.3	<0.01	<0.01	<0.2	<0.005
97003		1040	70	4.2	104.0	0.001	0.09	<0.05	1.4	0.3	<0.2	72.4	<0.01	0.08	0.3	0.065
97004		1000	60	4.5	60.4	<0.001	0.50	<0.05	2.4	0.5	<0.2	154.5	<0.01	0.10	<0.2	0.034
97005		979	20	1.5	107.0	<0.001	0.10	<0.05	1.9	0.3	<0.2	67.0	<0.01	0.07	0.2	0.067
97006		33.6	540	8.5	15.3	<0.001	0.07	<0.05	1.0	0.2	0.4	103.0	<0.01	0.01	3.8	0.076
97007		2.2	550	10.9	1.4	<0.001	0.06	<0.05	0.7	<0.2	0.4	82.9	<0.01	<0.01	3.7	0.074
97008		1.0	380	11.6	2.6	<0.001	0.09	<0.05	0.6	<0.2	0.4	115.5	<0.01	<0.01	2.8	0.058
97009		1.6	600	9.4	1.1	<0.001	0.12	<0.05	0.7	<0.2	0.5	105.5	<0.01	<0.01	4.0	0.085
97010		1.0	430	12.2	1.7	<0.001	0.09	<0.05	0.6	<0.2	0.4	66.3	<0.01	<0.01	2.9	0.065
97011		2.6	430	11.6	2.8	<0.001	0.11	<0.05	0.6	<0.2	0.4	56.2	<0.01	<0.01	3.3	0.068
97012		1.6	460	11.4	2.5	<0.001	0.12	<0.05	0.6	<0.2	0.4	56.9	<0.01	<0.01	3.4	0.074
97013		560	190	3.7	96.9	<0.001	0.03	<0.05	2.8	<0.2	0.4	17.4	<0.01	0.01	0.9	0.157
97014		29.0	670	7.6	18.6	<0.001	0.13	<0.05	1.2	<0.2	0.5	69.1	<0.01	<0.01	4.5	0.107
97015		9.1	710	8.5	11.6	<0.001	0.14	<0.05	0.9	0.2	0.5	77.7	<0.01	0.01	4.4	0.109
97016		295	430	5.5	49.8	<0.001	0.15	<0.05	1.4	0.2	0.4	39.2	<0.01	0.01	2.6	0.124
97017		723	190	1.0	123.0	<0.001	0.01	<0.05	2.8	<0.2	0.3	12.5	<0.01	0.01	0.4	0.168
97018		275	520	5.8	40.2	<0.001	0.16	<0.05	1.5	0.2	0.5	51.0	<0.01	0.01	3.2	0.131
97019		10.3	750	15.5	4.7	0.003	0.18	0.05	0.7	0.2	0.5	78.8	<0.01	0.01	4.9	0.110
97020		575	160	0.8	92.8	0.001	0.02	<0.05	2.3	0.2	0.2	18.4	<0.01	0.02	0.9	0.156
97021		884	60	0.5	58.7	<0.001	0.06	<0.05	1.1	0.3	<0.2	10.2	<0.01	0.11	<0.2	0.107
97022		5.9	60	0.4	0.5	<0.001	0.01	<0.05	0.5	0.7	<0.2	80.0	<0.01	0.01	<0.2	<0.005
97023		804	180	1.5	7.3	<0.001	0.59	<0.05	3.1	0.2	<0.2	64.7	<0.01	0.11	1.1	0.033
97024		1080	30	1.0	0.3	<0.001	0.74	<0.05	4.6	0.3	<0.2	284	<0.01	0.12	<0.2	0.012
97025		855	270	3.8	19.7	0.001	1.12	<0.05	2.5	0.7	<0.2	48.2	<0.01	0.11	0.2	0.074
97026		55.4	1760	5.5	39.8	<0.001	0.29	<0.05	6.2	0.2	0.5	124.0	<0.01	0.01	6.6	0.225
97027		164.0	1250	3.2	71.3	<0.001	0.07	<0.05	5.9	0.3	0.4	47.4	<0.01	0.01	3.3	0.262
97028		81.6	1740	3.8	59.6	<0.001	0.34	<0.05	7.1	0.4	0.4	65.0	<0.01	0.02	4.0	0.253
97029		116.5	1870	4.4	49.2	0.001	1.18	<0.05	7.1	1.0	0.7	44.7	<0.01	0.05	4.8	0.244
97030		136.5	800	5.2	82.6	0.002	1.26	<0.05	15.6	0.6	0.6	10.5	<0.01	0.06	7.0	0.295
97031		89.5	1050	8.4	67.8	0.001	0.65	<0.05	8.4	0.5	0.8	20.2	0.01	0.04	6.6	0.299
97032		112.5	1100	7.3	114.5	0.002	0.50	<0.05	13.4	0.4	0.8	20.5	0.01	0.03	7.2	0.360
97033		69.7	500	5.2	59.6	0.001	0.51	<0.05	5.5	0.5	0.6	10.7	0.01	0.05	9.0	0.252
97034		75.5	560	8.3	69.8	0.001	0.74	<0.05	12.2	0.4	0.8	15.2	0.01	0.06	9.4	0.275
97035		162.5	1490	10.8	117.5	<0.001	0.35	<0.05	9.2	0.4	0.6	27.3	0.01	0.02	6.5	0.319
97036		76.3	550	6.0	85.0	<0.001	0.37	<0.05	13.2	0.3	0.9	14.4	0.01	0.03	8.1	0.298
97037		78.7	540	5.0	72.6	0.001	0.35	<0.05	12.3	0.3	0.8	10.1	0.01	0.04	7.3	0.302
97038		96.8	710	5.1	78.3	0.001	0.36	<0.05	14.2	0.3	0.9	12.1	0.01	0.03	7.6	0.311
97039		79.0	580	5.7	78.3	0.001	0.28	<0.05	13.5	0.4	0.9	7.4	0.01	0.04	6.8	0.316
97040		69.1	590	4.7	58.0	0.001	0.26	<0.05	12.2	0.4	0.6	10.5	<0.01	0.03	7.2	0.276



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 16-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365235**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	CRU-QC	PUL-QC
		TI	U	V	W	Y	Zn	Zr	Pass2mm	Pass75um
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.02	0.05	1	0.05	0.05	2	0.5	0.01	0.01
97001		0.20	0.09	55	0.06	1.62	42	<0.5	73.2	95.9
97002		<0.02	0.07	1	<0.05	2.44	2	<0.5		
97003		0.82	0.14	48	0.07	0.53	53	0.5		
97004		0.47	<0.05	89	<0.05	1.06	60	<0.5		89.6
97005		0.85	0.25	43	<0.05	0.20	54	2.2		
97006		0.13	0.68	10	0.08	0.75	22	16.6		
97007		<0.02	0.67	7	0.09	0.74	33	21.1		
97008		0.02	0.90	6	0.15	0.57	37	20.5		
97009		<0.02	0.56	7	0.05	0.86	31	18.4		
97010		<0.02	0.74	6	0.06	0.63	34	17.9		
97011		0.02	0.84	7	0.06	0.75	28	18.6		
97012		0.02	0.82	7	0.05	0.79	28	18.9		
97013		0.69	0.36	72	0.06	0.83	56	7.2		
97014		0.13	0.56	19	0.08	1.14	39	16.0		
97015		0.07	0.56	13	0.10	1.16	29	17.7		
97016		0.38	0.32	34	0.13	0.94	27	7.9		
97017		0.88	0.09	86	<0.05	1.09	51	1.4		
97018		0.28	0.44	32	0.06	0.96	29	11.4		
97019		0.04	0.67	10	0.08	1.29	23	13.8		
97020		0.69	0.15	66	0.06	0.85	62	1.8		
97021		0.45	<0.05	65	0.07	0.43	35	<0.5		
97022		<0.02	0.08	1	<0.05	2.52	2	<0.5		
97023		0.08	0.16	42	0.12	1.79	22	1.0		
97024		0.04	<0.05	50	0.08	2.48	18	<0.5		
97025		0.19	0.05	81	0.15	1.83	55	<0.5		
97026		0.36	1.15	77	0.17	10.25	58	17.5		
97027		0.72	0.63	92	1.63	6.76	63	6.6		
97028		0.61	0.76	89	0.08	8.62	66	7.7		
97029		0.50	0.87	93	0.10	11.60	76	10.0		
97030		0.82	1.52	134	0.11	8.22	150	11.4		
97031		0.68	1.46	105	0.08	9.32	113	9.8		
97032		1.11	1.62	136	0.07	11.45	86	9.7		
97033		0.56	2.11	72	0.06	8.26	65	9.0		
97034		0.45	2.48	88	0.13	11.25	82	13.4		
97035		0.76	1.28	97	0.15	10.75	70	14.4		
97036		0.53	2.14	92	0.35	11.80	85	12.1		
97037		0.46	1.88	89	0.32	11.60	89	13.9		
97038		0.51	1.88	100	0.34	11.90	90	10.7		
97039		0.48	1.88	94	0.23	8.97	94	11.8		94.7
97040		0.41	1.80	85	0.16	9.28	78	11.2	81.3	92.3



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Page: 3 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 16-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

<b>CERTIFICATE OF ANALYSIS SD22365235</b>
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Sample Description	Method Analyte Units LOD	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Recvd Wt. kg	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm
		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
97041		1.92	0.07	2.02	<0.1	<0.02	<10	630	0.12	0.14	0.41	0.03	65.1	22.3	177	3.70
97042		2.41	0.06	1.96	<0.1	<0.02	<10	580	0.13	0.15	0.56	0.03	68.4	21.0	173	3.51
97043		4.12	0.07	2.31	<0.1	<0.02	<10	650	0.11	0.15	0.30	0.03	59.2	23.1	199	4.36
97044		4.10	0.07	2.11	<0.1	<0.02	<10	580	0.15	0.18	0.38	0.03	49.5	21.0	173	3.60
97045		<0.02	0.07	2.09	<0.1	<0.02	<10	600	0.14	0.14	0.33	0.02	48.9	21.1	175	3.57
97046		2.80	0.07	2.49	<0.1	<0.02	<10	800	0.21	0.22	0.59	0.06	97.9	24.6	340	4.22
97047		3.08	0.07	2.92	<0.1	<0.02	<10	490	0.19	0.24	0.26	0.08	36.4	27.8	182	4.80
97048		3.98	0.05	2.41	<0.1	<0.02	<10	580	0.11	0.13	0.17	0.02	50.0	23.3	192	3.71
97049		4.09	0.07	2.41	0.1	<0.02	<10	650	0.15	0.18	0.35	0.02	58.2	25.8	175	3.62
97050		3.99	0.05	2.34	<0.1	<0.02	<10	610	0.11	0.11	0.16	0.02	48.0	22.1	178	3.40

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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Page: 3 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 16-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS    SD22365235
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Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
97041		66.2	3.72	10.00	0.27	0.27	<0.01	0.030	1.58	33.3	18.7	1.65	452	1.15	0.05	0.34
97042		51.3	3.58	9.30	0.29	0.27	<0.01	0.025	1.46	33.3	17.7	1.64	444	0.84	0.06	0.20
97043		58.3	4.00	11.60	0.27	0.26	<0.01	0.032	1.83	29.5	21.6	1.89	484	1.69	0.06	0.37
97044		60.1	3.63	10.25	0.27	0.28	<0.01	0.030	1.55	24.8	17.0	1.64	432	1.44	0.09	0.31
97045		59.3	3.59	10.20	0.24	0.28	<0.01	0.029	1.59	24.5	17.2	1.64	424	1.36	0.06	0.25
97046		49.9	3.92	11.10	0.33	0.33	<0.01	0.028	1.87	45.6	20.9	2.21	421	1.43	0.06	0.42
97047		59.0	4.63	14.05	0.24	0.26	<0.01	0.040	2.10	17.9	28.1	1.93	512	1.53	0.05	0.23
97048		53.0	3.96	11.80	0.29	0.30	<0.01	0.036	1.93	25.8	25.1	1.90	487	2.30	0.06	0.26
97049		60.8	4.09	11.70	0.28	0.32	<0.01	0.034	1.87	28.9	24.2	1.97	422	1.04	0.06	0.18
97050		48.0	3.92	12.45	0.25	0.29	<0.01	0.041	1.85	24.7	24.0	1.70	498	1.26	0.06	0.31

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Page: 3 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 16-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

<b>CERTIFICATE OF ANALYSIS SD22365235</b>
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Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
97041		69.0	990	3.8	74.3	0.001	0.28	<0.05	12.5	0.3	0.7	13.8	0.01	0.03	8.5	0.294
97042		62.9	1250	3.4	68.2	0.001	0.22	<0.05	11.3	0.4	0.6	17.7	<0.01	0.03	7.9	0.285
97043		79.1	760	3.5	79.5	0.001	0.26	<0.05	13.9	0.5	0.8	11.7	<0.01	0.03	7.7	0.319
97044		72.7	790	3.3	71.4	0.001	0.25	<0.05	13.3	0.3	0.7	17.9	<0.01	0.04	6.7	0.277
97045		73.1	780	3.1	71.6	0.001	0.25	<0.05	12.8	0.3	0.7	12.4	<0.01	0.03	6.7	0.279
97046		96.8	1650	4.1	88.5	0.001	0.24	<0.05	11.1	0.3	0.7	24.7	0.01	0.03	8.8	0.299
97047		105.0	600	3.2	92.2	0.001	0.26	<0.05	15.0	0.7	0.9	5.2	0.01	0.04	5.7	0.323
97048		85.5	590	2.6	83.5	0.001	0.28	<0.05	15.4	0.4	0.8	8.4	0.01	0.03	6.7	0.298
97049		98.6	810	2.5	80.4	0.001	0.39	<0.05	14.4	0.4	0.8	12.0	<0.01	0.03	6.1	0.300
97050		82.2	580	2.2	75.6	0.001	0.27	<0.05	14.8	0.2	1.0	7.7	<0.01	0.04	6.3	0.292

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Page: 3 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 16-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365235
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Sample Description	Method Analyte Units LOD	ME-MS41 TI ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
97041		0.56	2.22	91	0.11	10.90	83	11.3		
97042		0.52	1.90	87	0.12	10.70	80	12.0		
97043		0.54	1.88	101	0.13	10.95	85	10.7		
97044		0.47	1.76	91	0.11	8.38	73	12.0		
97045		0.50	1.74	92	0.11	8.15	74	11.4		
97046		0.55	2.09	93	0.10	12.90	79	15.3		
97047		0.55	1.48	106	0.15	7.25	97	11.3		
97048		0.51	1.70	102	0.12	8.45	86	12.3		
97049		0.49	1.38	104	0.19	8.48	81	14.0	95.9	
97050		0.44	1.54	100	0.12	8.06	92	11.8		

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Page: Appendix 1  
 Total # Appendix Pages: 1  
 Finalized Date: 16-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365235**

	<b>CERTIFICATE COMMENTS</b>												
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).            ME-MS41</p>												
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-22</td> <td style="width: 33%;">LOG-22d</td> </tr> <tr> <td>PUL-31</td> <td>PUL-31d</td> <td>PUL-QC</td> <td>SPL-21</td> </tr> <tr> <td>SPL-21d</td> <td>WEI-21</td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-22	LOG-22d	PUL-31	PUL-31d	PUL-QC	SPL-21	SPL-21d	WEI-21		
CRU-31	CRU-QC	LOG-22	LOG-22d										
PUL-31	PUL-31d	PUL-QC	SPL-21										
SPL-21d	WEI-21												
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.            ME-MS41</p>												



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Page: 1  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
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**SD22365262**

Project: LAL-VIC 2022 DDH  
 P.O. No.: BATCH 17  
 This report is for 50 samples of 1/2 Core submitted to our lab in Sudbury, ON,  
 Canada on 19-DEC-2022.

The following have access to data associated with this certificate:

SAHIL ALURKAR  
 ACCESS WEBTRIEVE

NATALIE BREWSTER

FRANCIS NEWTON

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Cu-OG46	Ore Grade Cu - Aqua Regia	
ME-MS41	Ultra Trace Aqua Regia ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**

Saa Traxler, Director, North Vancouver Operations





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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 11-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365262**

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Units		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
LOD		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
97251		1.08	0.16	0.80	0.1	<0.02	<10	110	0.20	0.54	1.18	0.17	83.2	17.4	71	0.55
97252		0.87	<0.01	0.03	0.1	<0.02	<10	20	<0.05	0.01	>25.0	0.01	1.79	1.3	2	<0.05
97253		2.94	0.10	2.44	<0.1	<0.02	<10	740	0.14	0.15	0.37	0.06	52.6	24.3	202	4.95
97254		7.06	0.03	2.29	0.3	<0.02	<10	30	<0.05	0.16	0.57	0.01	3.57	41.6	904	0.21
97255		0.06	3.25	0.38	28.4	0.67	<10	10	<0.05	0.58	0.43	0.89	3.46	1100	83	0.53
97256		4.41	0.03	2.40	0.2	<0.02	<10	10	<0.05	0.19	0.20	0.01	0.53	52.4	1035	0.19
97257		4.72	0.04	2.49	0.3	<0.02	<10	30	<0.05	0.18	0.35	0.01	3.70	48.7	991	0.43
97258		4.15	0.04	2.96	1.0	<0.02	<10	<10	<0.05	0.19	0.29	0.02	1.78	59.2	1040	0.22
97259		4.44	0.07	3.47	0.9	<0.02	<10	230	0.07	0.24	0.28	0.01	4.57	65.6	1060	3.70
97260		4.28	0.04	3.12	0.6	<0.02	<10	340	0.16	0.16	0.49	0.02	49.9	47.2	806	5.27
97261		4.63	0.04	2.46	0.9	<0.02	<10	100	0.16	0.17	0.71	0.01	10.45	50.2	781	1.75
97262		<0.02	0.04	2.49	0.8	<0.02	<10	100	0.17	0.18	0.75	0.02	11.45	50.5	794	1.78
97263		4.26	0.07	2.61	0.7	<0.02	<10	10	<0.05	0.19	0.18	0.02	2.60	58.2	929	0.32
97264		2.25	0.08	2.88	0.1	<0.02	<10	<10	<0.05	0.25	0.16	0.01	1.90	72.8	1285	0.21
97265		2.10	0.07	2.90	0.1	<0.02	<10	<10	<0.05	0.24	0.16	0.01	0.81	72.2	1345	0.20
97266		4.73	0.10	3.28	0.7	<0.02	<10	<10	<0.05	0.43	0.13	0.01	0.51	84.5	1555	0.18
97267		4.39	0.11	2.87	1.7	<0.02	<10	20	<0.05	0.37	0.15	0.03	0.43	62.5	1195	0.56
97268		3.90	0.07	2.91	1.3	<0.02	<10	370	0.25	0.22	0.73	0.06	19.70	49.1	922	6.61
97269		2.38	0.12	2.96	1.9	<0.02	<10	310	0.27	0.16	1.04	0.09	139.5	39.8	382	4.62
97270		4.13	0.45	0.61	0.4	<0.02	<10	50	0.09	1.51	0.23	13.60	46.4	78.2	180	0.44
97271		3.21	0.24	0.28	<0.1	<0.02	<10	20	0.08	0.75	0.22	0.11	41.4	33.6	52	0.30
97272		0.94	<0.01	0.02	<0.1	<0.02	<10	20	<0.05	0.01	>25.0	0.04	1.18	1.2	2	<0.05
97273		4.04	0.19	0.89	0.1	<0.02	<10	110	0.18	0.52	0.36	0.04	54.1	29.4	167	1.37
97274		3.98	0.16	0.27	0.1	<0.02	<10	20	0.07	0.58	0.25	0.07	55.8	29.3	45	0.35
97275		4.10	0.18	0.11	<0.1	<0.02	<10	<10	0.05	0.54	0.25	0.26	46.4	33.3	17	<0.05
97276		2.81	0.20	0.26	<0.1	<0.02	<10	20	0.06	0.56	0.24	0.07	49.2	39.9	51	0.30
97277		3.53	0.23	0.49	<0.1	<0.02	<10	70	0.08	0.45	0.23	0.09	50.7	28.1	99	0.70
97278		1.92	0.29	0.26	<0.1	<0.02	<10	20	0.06	0.87	0.22	6.65	54.8	56.7	141	0.27
97279		3.97	0.36	0.30	0.4	<0.02	<10	30	0.08	1.48	0.20	6.24	41.2	76.3	208	0.32
97280		3.53	0.38	0.39	0.4	<0.02	<10	40	0.09	1.06	0.26	11.25	40.6	85.2	341	0.46
97281		2.01	0.32	0.37	0.1	<0.02	<10	30	0.07	0.78	0.28	10.35	44.1	68.7	261	0.29
97282		3.42	0.24	0.21	0.1	<0.02	<10	<10	0.06	0.72	0.30	0.17	2.28	146.5	178	<0.05
97283		4.29	0.47	0.26	0.1	<0.02	<10	20	0.06	0.95	0.67	0.27	3.24	146.0	206	0.09
97284		3.36	0.91	0.14	0.3	<0.02	<10	<10	<0.05	2.03	0.71	0.40	3.14	262	75	0.05
97285		3.05	0.82	0.16	0.3	<0.02	<10	<10	<0.05	1.59	0.91	0.68	2.39	185.0	97	<0.05
97286		2.87	0.45	0.25	0.2	<0.02	<10	10	0.07	0.72	0.76	0.30	2.85	103.5	176	0.05
97287		3.13	0.71	0.19	0.1	<0.02	<10	<10	<0.05	1.13	0.68	0.73	2.34	166.5	103	0.06
97288		4.80	0.48	0.09	0.2	<0.02	<10	<10	<0.05	1.09	1.91	0.40	2.37	157.5	71	<0.05
97289		3.25	0.54	0.55	0.5	<0.02	<10	80	0.07	1.20	1.81	0.33	2.90	195.0	703	0.45
97290		3.15	0.43	0.17	0.2	<0.02	<10	10	<0.05	0.85	0.35	0.31	2.72	139.5	156	0.06



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 11-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365262**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
97251		99.1	1.98	3.42	0.24	0.17	0.01	0.014	0.20	42.0	4.3	0.65	252	1.34	0.08	0.25
97252		3.9	0.11	0.09	<0.05	<0.02	<0.01	<0.005	0.01	1.7	<0.1	1.06	96	0.16	<0.01	<0.05
97253		54.7	4.07	12.30	0.16	0.20	<0.01	0.029	1.66	27.2	25.5	1.97	454	1.76	0.06	0.25
97254		35.0	2.80	5.23	0.09	0.03	0.01	0.005	0.01	2.0	15.9	3.50	254	0.38	0.01	<0.05
97255		>10000	31.9	1.80	0.40	0.07	0.02	0.098	0.03	1.8	3.2	0.41	173	1.75	0.02	0.22
97256		73.9	3.17	5.53	0.09	<0.02	<0.01	0.005	0.01	0.3	12.1	3.70	241	0.18	<0.01	<0.05
97257		55.4	3.20	5.41	0.10	0.02	<0.01	0.005	0.06	1.7	16.3	3.76	267	0.12	0.01	<0.05
97258		75.1	3.65	5.92	0.09	<0.02	<0.01	0.009	0.01	0.9	18.8	4.27	306	0.17	0.01	<0.05
97259		95.8	4.57	7.21	0.12	0.03	<0.01	0.006	0.95	2.3	35.5	4.93	371	0.14	0.02	<0.05
97260		41.7	4.00	7.46	0.18	0.08	0.01	0.012	1.48	25.9	45.7	4.55	372	14.20	0.05	<0.05
97261		39.6	3.47	5.43	0.10	0.05	0.01	0.012	0.41	4.6	22.9	3.51	339	25.5	0.07	<0.05
97262		39.1	3.50	5.75	0.11	0.09	0.01	0.010	0.40	4.9	22.9	3.57	352	24.2	0.08	<0.05
97263		51.2	3.46	5.40	0.08	<0.02	<0.01	0.006	0.03	1.5	16.8	3.83	286	0.21	0.01	<0.05
97264		92.3	3.99	6.04	0.10	<0.02	<0.01	0.010	0.01	1.1	10.0	4.44	254	0.53	<0.01	<0.05
97265		96.7	4.04	6.23	0.09	<0.02	0.01	0.011	0.01	0.5	9.9	4.50	265	0.16	<0.01	<0.05
97266		103.5	4.68	6.73	0.11	0.02	<0.01	0.012	0.01	0.2	10.9	5.07	279	0.23	0.01	<0.05
97267		73.3	4.07	5.55	0.10	0.02	<0.01	0.008	0.12	0.2	16.3	4.37	271	0.16	0.01	<0.05
97268		37.9	4.02	7.92	0.16	0.11	0.01	0.034	1.57	9.6	40.8	4.39	376	3.60	0.07	<0.05
97269		120.0	5.26	8.80	0.21	0.27	0.01	0.060	1.27	66.5	43.6	3.33	371	8.15	0.06	0.20
97270		485	6.94	2.47	0.10	0.49	<0.01	0.854	0.11	22.6	8.9	0.49	106	10.30	0.10	0.40
97271		223	3.35	1.54	0.08	0.57	<0.01	0.025	0.10	21.4	2.3	0.32	54	5.02	0.07	0.12
97272		3.0	0.10	0.08	<0.05	<0.02	<0.01	<0.005	0.01	1.3	<0.1	0.63	104	0.16	<0.01	<0.05
97273		158.5	3.67	5.48	0.09	0.56	0.01	0.041	0.45	27.2	10.0	1.17	173	1.31	0.07	<0.05
97274		182.5	3.13	1.46	0.08	0.66	<0.01	0.023	0.10	29.6	2.4	0.30	65	1.83	0.07	0.13
97275		219	3.12	0.36	0.06	0.43	<0.01	0.038	<0.01	24.6	0.4	0.09	38	2.86	0.07	0.24
97276		203	3.26	1.64	0.10	0.61	0.01	0.027	0.09	27.3	2.7	0.30	71	3.00	0.06	0.32
97277		181.0	3.31	2.64	0.08	0.44	0.01	0.029	0.27	28.5	5.8	0.59	117	3.11	0.06	0.10
97278		218	3.89	1.52	0.10	0.66	0.01	0.513	0.08	30.4	2.8	0.26	81	7.13	0.08	0.25
97279		316	4.66	1.74	0.09	0.54	0.01	0.581	0.10	21.9	3.6	0.30	83	8.21	0.06	0.13
97280		333	4.70	2.33	0.08	0.73	0.01	0.955	0.13	18.9	4.5	0.45	104	6.14	0.06	0.31
97281		261	4.12	2.22	0.08	0.80	0.01	0.801	0.07	21.0	4.0	0.42	95	12.25	0.06	0.42
97282		227	4.85	0.87	0.06	0.10	0.01	0.017	0.01	1.0	2.0	0.28	81	0.90	0.05	0.09
97283		351	6.73	1.04	0.07	0.13	0.01	0.017	0.03	1.6	3.1	0.32	99	9.70	0.05	0.15
97284		701	17.30	0.59	0.13	0.13	<0.01	0.020	<0.01	1.6	0.8	0.14	77	0.91	0.04	0.17
97285		674	12.30	0.68	0.10	0.08	0.01	0.022	<0.01	1.4	1.4	0.14	101	0.70	0.03	0.16
97286		315	6.35	0.88	0.07	0.06	<0.01	0.018	0.01	1.5	2.7	0.22	102	13.15	0.04	0.18
97287		425	10.75	0.78	0.08	0.08	0.01	0.023	<0.01	1.2	1.4	0.21	90	0.62	0.04	0.12
97288		373	8.89	0.37	0.08	0.07	<0.01	0.012	<0.01	1.4	0.3	0.09	138	0.55	0.04	0.16
97289		444	11.15	2.19	0.10	0.11	<0.01	0.017	0.21	1.6	9.5	0.64	248	2.91	0.04	0.08
97290		265	7.63	0.89	0.11	0.12	0.01	0.015	0.02	1.2	1.7	0.19	64	0.48	0.05	0.13



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Page: 2 - C  
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**CERTIFICATE OF ANALYSIS SD22365262**

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		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
97251		36.0	2030	13.8	8.2	0.001	0.47	<0.05	5.5	0.4	0.5	42.0	<0.01	0.09	6.7	0.121
97252		0.3	100	0.2	0.4	<0.001	<0.01	<0.05	0.3	0.9	<0.2	80.4	<0.01	0.01	<0.2	<0.005
97253		85.9	680	6.8	71.3	0.001	0.30	<0.05	14.2	0.2	0.8	20.3	<0.01	0.06	6.5	0.296
97254		497	170	1.6	0.8	<0.001	0.15	<0.05	1.3	0.2	<0.2	9.2	<0.01	0.05	0.2	0.043
97255		>10000	70	36.4	1.5	0.047	>10.0	0.26	1.2	12.5	1.0	5.3	<0.01	1.01	0.5	0.040
97256		678	90	0.4	0.4	0.001	0.35	<0.05	1.1	0.2	<0.2	7.6	<0.01	0.07	<0.2	0.031
97257		600	290	1.4	2.7	<0.001	0.27	<0.05	1.3	<0.2	<0.2	13.5	<0.01	0.06	0.5	0.046
97258		647	160	1.4	0.6	<0.001	0.45	<0.05	1.3	<0.2	<0.2	12.5	<0.01	0.06	<0.2	0.042
97259		649	230	3.0	43.1	<0.001	0.64	<0.05	3.4	0.4	<0.2	6.4	<0.01	0.08	0.4	0.110
97260		421	670	2.3	63.3	0.010	0.23	<0.05	2.6	0.2	0.2	16.6	<0.01	0.02	2.2	0.152
97261		522	780	1.3	18.6	0.015	0.39	<0.05	3.0	<0.2	0.2	23.3	<0.01	0.04	0.9	0.086
97262		507	770	1.5	18.7	0.015	0.37	<0.05	3.3	0.2	0.2	24.4	<0.01	0.05	0.9	0.089
97263		642	120	2.3	1.6	<0.001	0.53	<0.05	1.3	0.3	<0.2	2.9	<0.01	0.07	<0.2	0.045
97264		861	120	0.4	0.5	0.001	0.78	<0.05	1.4	0.5	<0.2	3.7	<0.01	0.08	<0.2	0.033
97265		858	110	0.4	0.4	<0.001	0.78	<0.05	1.5	0.4	<0.2	3.6	<0.01	0.09	<0.2	0.039
97266		1020	140	1.1	0.3	<0.001	1.25	<0.05	1.6	0.5	<0.2	3.0	<0.01	0.12	<0.2	0.035
97267		790	110	4.6	4.3	<0.001	1.07	<0.05	1.1	0.5	<0.2	2.3	<0.01	0.14	<0.2	0.046
97268		513	570	3.8	71.0	<0.001	0.23	<0.05	3.7	0.2	0.4	31.2	<0.01	0.04	1.7	0.173
97269		290	2550	17.3	51.2	0.004	0.57	<0.05	6.8	0.7	0.5	122.0	<0.01	0.04	8.3	0.225
97270		666	460	14.6	3.9	0.009	4.12	<0.05	6.9	4.8	1.0	9.3	<0.01	0.30	6.6	0.097
97271		173.5	510	7.6	3.9	0.003	2.02	<0.05	1.4	1.9	0.8	4.1	<0.01	0.16	5.0	0.068
97272		1.5	80	0.3	0.5	<0.001	0.02	<0.05	0.2	0.7	<0.2	79.2	<0.01	0.01	<0.2	<0.005
97273		125.0	890	7.3	20.4	<0.001	1.62	<0.05	2.6	1.4	0.5	6.5	<0.01	0.14	5.8	0.115
97274		145.5	520	9.6	4.6	<0.001	1.90	<0.05	1.6	1.7	1.0	4.7	<0.01	0.14	5.7	0.074
97275		216	520	7.5	0.1	0.002	1.94	<0.05	1.0	1.7	1.2	3.6	<0.01	0.13	4.7	0.073
97276		203	530	8.8	4.6	0.001	1.88	<0.05	1.5	2.0	0.9	4.7	0.01	0.16	5.6	0.076
97277		144.0	540	7.2	12.8	0.001	1.70	<0.05	1.7	1.3	0.6	4.0	<0.01	0.11	5.1	0.094
97278		392	460	8.8	4.1	0.006	2.42	<0.05	1.7	2.1	1.0	4.6	<0.01	0.18	6.1	0.088
97279		735	470	10.6	5.0	0.011	3.16	<0.05	1.9	3.4	0.9	4.0	<0.01	0.25	6.6	0.068
97280		779	480	8.5	6.6	0.007	2.77	<0.05	2.9	3.1	1.2	4.9	0.01	0.21	5.6	0.124
97281		594	540	7.9	3.6	0.005	2.37	<0.05	2.6	2.5	1.5	5.0	<0.01	0.16	6.7	0.146
97282		2100	130	3.5	0.2	<0.001	2.61	<0.05	2.2	1.6	0.8	4.7	<0.01	0.24	<0.2	0.118
97283		2020	170	8.8	1.0	0.004	3.59	<0.05	2.2	1.9	0.6	11.1	<0.01	0.30	0.3	0.120
97284		3100	120	6.4	0.1	0.002	7.10	<0.05	1.7	3.5	0.5	7.7	<0.01	0.75	0.4	0.086
97285		2250	140	8.1	0.1	0.001	5.37	<0.05	1.5	3.0	0.4	9.5	<0.01	0.56	0.2	0.086
97286		1435	320	5.7	0.2	0.005	3.29	<0.05	2.1	2.4	0.5	12.8	<0.01	0.28	0.2	0.097
97287		2190	130	5.8	0.1	0.001	4.88	<0.05	2.0	2.5	0.5	7.5	<0.01	0.41	0.2	0.095
97288		2230	150	6.5	0.1	0.002	4.28	<0.05	1.3	1.7	0.5	18.8	<0.01	0.27	0.2	0.102
97289		2690	160	7.9	9.4	0.001	5.19	<0.05	2.1	3.5	0.6	19.2	<0.01	0.32	<0.2	0.121
97290		1850	140	6.8	0.9	0.002	3.73	<0.05	2.2	1.8	0.7	4.8	<0.01	0.25	0.2	0.126



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Page: 2 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 11-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365262**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Cu-OG46	CRU-QC	PUL-QC
		TI	U	V	W	Y	Zn	Zr	Cu	Pass2mm	Pass75um
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
		0.02	0.05	1	0.05	0.05	2	0.5	0.001	0.01	0.01
97251		0.08	1.56	41	0.09	9.29	34	6.6		81.3	93.1
97252		<0.02	0.10	1	<0.05	2.42	3	<0.5			89.4
97253		0.62	1.63	112	0.09	10.70	104	8.9			
97254		<0.02	0.06	43	0.14	0.87	36	1.0			
97255		0.08	0.11	18	3.46	1.40	66	2.9	1.395		
97256		<0.02	<0.05	48	0.50	0.60	29	<0.5			
97257		0.03	0.07	49	0.23	1.04	32	0.8			
97258		<0.02	<0.05	53	0.42	0.71	35	0.6			
97259		0.40	0.06	76	0.09	1.28	45	1.0			
97260		0.60	0.32	74	0.12	2.05	67	3.5			
97261		0.17	0.26	57	0.09	2.07	44	2.4			
97262		0.21	0.25	59	0.10	2.29	45	2.7			
97263		0.02	<0.05	50	0.06	0.81	37	<0.5			
97264		<0.02	<0.05	62	0.05	0.55	36	<0.5			
97265		<0.02	<0.05	64	0.05	0.53	36	0.5			
97266		<0.02	<0.05	72	0.05	0.53	40	0.7			
97267		0.08	<0.05	60	0.05	0.56	42	1.0			
97268		0.70	0.37	76	0.06	3.66	129	4.3			
97269		0.55	1.24	75	0.11	11.90	424	11.6			
97270		0.06	1.34	45	0.10	6.14	3020	17.9			
97271		0.06	0.96	30	0.06	4.00	72	20.2			
97272		<0.02	0.07	1	<0.05	2.10	6	<0.5			
97273		0.28	1.30	88	0.06	4.98	148	22.2			
97274		0.08	1.13	28	0.12	3.81	65	22.8			
97275		<0.02	0.88	12	0.10	3.52	103	16.0			
97276		0.10	1.12	30	0.11	4.87	70	22.1			
97277		0.21	1.12	57	<0.05	4.04	122	16.2			
97278		0.10	1.34	28	0.19	6.31	1575	24.0			
97279		0.13	1.17	31	0.15	4.90	1775	21.6			
97280		0.21	1.11	46	0.18	9.32	2690	26.6			
97281		0.11	1.21	43	0.15	10.35	2370	29.3			
97282		0.09	0.11	19	0.05	3.90	41	2.9			
97283		0.19	0.17	20	0.07	4.01	35	3.5			
97284		0.07	0.17	13	0.05	3.24	48	3.6			
97285		0.03	0.14	13	<0.05	2.85	83	2.4			
97286		0.03	0.16	18	0.10	3.42	79	2.3			
97287		0.10	0.13	15	<0.05	3.26	77	2.2			
97288		0.03	0.12	12	0.05	3.63	40	1.9			
97289		0.32	0.17	50	<0.05	4.08	32	3.3			90.0
97290		0.06	0.15	19	0.05	4.88	38	3.8		73.2	91.8



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Page: 3 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 11-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365262**

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Recvd Wt. kg	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm
		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
97291		2.21	0.47	0.12	0.3	<0.02	<10	<10	<0.05	0.69	0.66	0.43	2.56	130.5	99	<0.05
97292		2.14	0.53	0.12	0.4	<0.02	<10	<10	<0.05	0.78	0.71	0.50	2.66	150.0	101	<0.05
97293		2.94	0.58	0.11	0.2	<0.02	<10	<10	<0.05	0.65	1.06	0.58	2.09	135.0	79	<0.05
97294		5.00	0.55	0.12	0.1	<0.02	<10	10	<0.05	0.60	1.40	0.40	1.99	144.5	84	<0.05
97295		<0.02	0.53	0.12	0.3	<0.02	<10	10	<0.05	0.59	1.37	0.42	1.82	143.5	82	<0.05
97296		4.62	0.53	0.15	0.1	<0.02	<10	20	<0.05	0.53	0.81	0.47	3.78	137.0	94	<0.05
97297		4.42	0.75	0.12	0.2	<0.02	<10	20	<0.05	0.93	0.62	0.39	8.92	180.5	65	0.06
97298		2.98	0.78	0.10	0.8	<0.02	<10	10	<0.05	1.16	0.95	0.60	2.00	178.5	70	<0.05
97299		3.21	0.86	0.09	0.1	<0.02	<10	10	<0.05	1.06	0.62	0.66	2.00	159.0	68	<0.05
97300		3.00	1.16	0.11	0.5	<0.02	<10	20	<0.05	2.38	0.30	0.57	2.92	318	97	0.07

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Page: 3 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 11-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365262**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05	
97291	258	7.25	0.61	0.10	0.09	0.01	0.018	<0.01	1.2	0.6	0.13	77	0.65	0.04	0.15	
97292	278	8.40	0.64	0.11	0.09	<0.01	0.020	<0.01	1.3	0.7	0.13	82	0.93	0.04	0.16	
97293	292	8.73	0.62	0.11	0.07	<0.01	0.027	<0.01	1.0	0.6	0.09	101	0.57	0.03	0.16	
97294	260	8.15	0.64	0.10	0.06	<0.01	0.024	<0.01	1.1	0.7	0.11	131	0.65	0.03	0.11	
97295	262	8.27	0.61	0.08	0.07	<0.01	0.022	<0.01	1.0	0.6	0.10	129	0.72	0.03	0.10	
97296	288	7.33	0.67	0.09	0.07	<0.01	0.027	0.01	1.9	0.8	0.15	103	0.99	0.04	0.11	
97297	353	12.30	0.65	0.13	0.09	<0.01	0.025	0.01	4.8	1.1	0.12	88	1.24	0.03	0.15	
97298	469	11.60	0.53	0.12	0.06	<0.01	0.033	<0.01	1.0	0.5	0.09	85	0.93	0.04	0.12	
97299	643	11.00	0.48	0.11	0.07	<0.01	0.033	<0.01	1.1	0.5	0.09	87	0.53	0.03	0.12	
97300	631	23.6	0.62	0.21	0.08	<0.01	0.032	0.01	2.0	1.3	0.12	185	0.82	0.03	0.14	

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Page: 3 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 11-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365262**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005	
97291	1820	90	5.7	0.1	0.001	3.73	<0.05	1.9	1.3	0.5	5.5	<0.01	0.20	0.2	0.104	
97292	2050	80	6.3	0.1	0.001	4.28	<0.05	1.9	1.3	0.5	6.0	<0.01	0.22	0.2	0.107	
97293	1840	60	6.0	0.1	0.001	4.28	<0.05	1.4	1.7	0.4	7.8	<0.01	0.24	<0.2	0.083	
97294	1990	70	6.7	0.1	0.001	4.20	<0.05	1.4	1.7	0.4	9.5	<0.01	0.24	<0.2	0.081	
97295	2040	80	6.3	0.1	0.001	4.21	<0.05	1.2	1.5	0.3	9.1	<0.01	0.23	<0.2	0.077	
97296	1850	100	6.2	0.2	0.001	3.83	<0.05	1.6	1.8	0.5	9.3	<0.01	0.21	0.3	0.096	
97297	2360	240	6.1	0.5	0.003	5.94	<0.05	1.2	2.6	0.4	8.0	<0.01	0.42	0.7	0.077	
97298	2440	100	6.9	0.1	0.002	5.37	<0.05	1.2	2.3	0.4	9.2	<0.01	0.40	<0.2	0.079	
97299	2210	110	7.0	0.1	0.001	5.09	<0.05	1.1	2.2	0.4	6.1	<0.01	0.36	<0.2	0.078	
97300	4100	100	8.0	0.6	0.002	8.36	<0.05	1.1	5.8	0.4	3.9	<0.01	0.74	0.2	0.067	

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Page: 3 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 11-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365262
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Sample Description	Method Analyte Units LOD	ME-MS41 TI ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	Cu-OG46 Cu % 0.001	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
97291		0.03	0.13	15	0.08	3.97	76	2.7			
97292		0.03	0.13	15	0.05	3.99	85	2.6			
97293		0.02	0.11	11	<0.05	3.26	117	2.0			
97294		0.02	0.10	12	<0.05	3.19	112	2.0			
97295		0.02	0.10	11	<0.05	2.90	120	1.8			
97296		0.06	0.12	13	<0.05	3.67	157	2.1			
97297		0.03	0.15	11	<0.05	3.07	106	2.9			
97298		0.03	0.10	11	0.06	2.92	135	1.9			
97299		0.03	0.10	11	<0.05	2.95	135	2.1			
97300		0.04	0.11	12	<0.05	2.54	124	2.5			

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Page: Appendix 1  
 Total # Appendix Pages: 1  
 Finalized Date: 11-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365262**

	<b>CERTIFICATE COMMENTS</b>															
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).            ME-MS41</p>															
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-22</td> <td style="width: 15%;"></td> <td style="width: 15%;">LOG-22d</td> </tr> <tr> <td>LOG-24</td> <td>PUL-31</td> <td>PUL-31d</td> <td></td> <td>PUL-QC</td> </tr> <tr> <td>SPL-21</td> <td>SPL-21d</td> <td>WEI-21</td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-22		LOG-22d	LOG-24	PUL-31	PUL-31d		PUL-QC	SPL-21	SPL-21d	WEI-21		
CRU-31	CRU-QC	LOG-22		LOG-22d												
LOG-24	PUL-31	PUL-31d		PUL-QC												
SPL-21	SPL-21d	WEI-21														
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Cu-OG46</td> <td style="width: 33%;">ME-MS41</td> <td style="width: 33%;">ME-OG46</td> <td></td> </tr> </table>	Cu-OG46	ME-MS41	ME-OG46												
Cu-OG46	ME-MS41	ME-OG46														



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Page: 1  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 13-JAN-2023  
 This copy reported on  
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**SD22365265**

Project: LAL-VIC 2022 DDH  
 P.O. No.: BATCH 18  
 This report is for 50 samples of 1/2 Core submitted to our lab in Sudbury, ON,  
 Canada on 19-DEC-2022.

The following have access to data associated with this certificate:

SAHIL ALURKAR  
 ACCESS WEBTRIEVE

NATALIE BREWSTER

FRANCIS NEWTON

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
LOG-22d	Sample login - Rcd w/o BarCode dup
PUL-31d	Pulverize Split - duplicate
SPL-21d	Split sample - duplicate
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS41	Ultra Trace Aqua Regia ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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**Signature:**

Saa Traxler, Director, North Vancouver Operations



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Page: 2 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 13-JAN-2023  
 Account: MINMAN

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**CERTIFICATE OF ANALYSIS SD22365265**

Sample Description	Method	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Units		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
LOD		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
97301		3.79	0.68	0.44	3.8	<0.02	<10	50	0.07	0.74	0.30	0.27	3.24	134.5	469	0.42
97302		0.66	0.01	0.02	1.1	<0.02	<10	20	<0.05	0.01	>25.0	0.01	1.01	1.8	3	<0.05
97303		5.10	0.60	0.10	0.8	<0.02	<10	<10	<0.05	0.84	0.50	0.28	1.99	142.0	64	<0.05
97304		3.44	0.62	0.11	0.8	<0.02	<10	<10	<0.05	1.02	0.34	0.20	2.19	181.5	75	<0.05
97305		2.32	0.45	0.18	1.9	<0.02	<10	10	0.05	0.67	0.33	0.69	7.70	116.5	94	0.11
97306		4.97	0.41	0.17	0.6	<0.02	<10	10	0.10	0.60	0.73	3.52	17.75	105.5	92	0.06
97307		3.04	0.27	0.17	0.9	<0.02	<10	<10	0.18	0.68	2.66	0.39	14.00	127.5	92	0.07
97308		3.37	0.52	0.13	0.5	<0.02	<10	<10	0.14	0.95	0.31	8.24	44.4	66.5	60	<0.05
97309		2.58	0.52	0.12	0.7	<0.02	<10	<10	0.09	1.08	0.31	3.35	33.0	103.0	40	<0.05
97310		4.04	0.50	0.36	0.3	<0.02	<10	<10	0.14	1.50	0.25	6.12	27.2	127.5	98	0.07
97311		2.71	0.41	0.28	0.6	<0.02	<10	<10	0.09	0.95	0.23	4.67	38.2	76.9	46	0.06
97312		<0.02	0.47	0.28	0.6	<0.02	<10	<10	0.09	1.02	0.24	5.13	37.0	81.7	49	0.07
97313		2.45	0.21	0.73	0.4	<0.02	<10	80	0.14	0.64	0.21	0.22	42.1	49.2	94	1.32
97314		1.67	0.12	1.96	0.2	<0.02	<10	150	0.24	0.38	0.22	0.05	42.0	32.1	211	3.89
97315		2.29	0.10	1.92	0.3	<0.02	<10	150	0.24	0.42	0.23	0.14	44.2	30.3	204	3.78
97316		1.96	0.43	0.36	0.8	<0.02	<10	30	0.09	0.99	0.41	0.08	8.74	167.0	163	0.35
97317		3.09	0.66	0.22	0.3	<0.02	<10	10	0.08	0.98	0.58	0.18	3.02	176.5	147	0.06
97318		4.01	0.44	0.33	0.5	<0.02	<10	30	0.08	0.50	0.44	38.2	32.7	65.3	49	0.24
97319		2.90	0.16	0.25	0.4	<0.02	<10	30	0.06	0.39	0.40	1.91	28.6	43.9	24	0.30
97320		1.90	0.50	0.20	0.3	<0.02	<10	20	0.11	0.57	1.74	12.00	33.7	86.4	76	0.08
97321		5.00	0.21	0.33	1.3	<0.02	<10	50	0.07	0.64	0.60	0.03	6.51	120.0	342	<0.05
97322		0.70	<0.01	0.02	<0.1	<0.02	<10	10	<0.05	0.01	>25.0	0.02	0.95	1.4	2	<0.05
97323		4.93	0.10	1.54	3.2	<0.02	<10	170	0.18	0.70	0.37	0.03	4.01	135.5	1110	3.41
97324		4.84	0.05	3.11	0.3	<0.02	<10	310	0.17	0.31	0.43	0.01	6.15	64.3	1165	10.25
97325		5.00	0.08	2.08	0.1	<0.02	<10	70	0.05	0.37	0.11	0.01	0.32	65.0	1125	3.82
97326		4.71	0.15	3.73	0.2	<0.02	<10	290	0.19	0.34	0.24	0.01	8.33	58.9	1110	13.35
97327		4.87	0.06	2.97	<0.1	<0.02	<10	190	0.12	0.24	0.12	0.01	0.47	68.8	1490	10.80
97328		5.40	0.11	3.37	0.2	<0.02	<10	280	0.21	0.29	0.37	0.02	15.80	61.2	1070	8.76
97329		5.08	0.04	2.51	4.5	<0.02	<10	80	0.08	0.19	0.19	0.01	1.30	56.9	1180	1.91
97330		5.33	0.05	2.31	0.2	<0.02	<10	<10	<0.05	0.19	0.14	0.01	0.44	58.6	1100	0.22
97331		4.81	0.05	2.52	<0.1	<0.02	<10	<10	<0.05	0.23	0.13	0.01	0.33	68.8	1360	0.17
97332		5.32	0.02	2.49	0.4	<0.02	<10	<10	<0.05	0.18	0.40	<0.01	0.53	59.6	1130	0.12
97333		5.13	0.01	2.55	0.3	<0.02	<10	<10	<0.05	0.16	1.24	0.01	1.70	58.0	1130	0.12
97334		5.47	0.01	2.62	0.3	<0.02	<10	<10	<0.05	0.15	1.29	<0.01	2.21	58.3	1135	0.14
97335		5.50	0.02	2.63	0.4	<0.02	<10	<10	<0.05	0.17	0.14	<0.01	0.39	62.1	1165	0.18
97336		5.29	0.04	2.23	0.2	<0.02	<10	<10	<0.05	0.26	0.14	<0.01	0.40	61.5	1205	0.21
97337		5.85	0.05	2.39	0.3	<0.02	<10	<10	<0.05	0.26	0.13	0.01	0.58	63.2	1150	0.25
97338		5.18	0.10	2.58	0.4	<0.02	<10	70	<0.05	0.42	0.23	0.01	8.04	66.8	1080	2.16
97339		3.56	0.08	1.85	0.5	<0.02	<10	210	0.08	0.35	0.26	0.01	0.37	49.2	955	5.79
97340		4.22	0.19	0.56	4.3	<0.02	<10	20	0.13	0.57	1.98	3.89	18.05	54.0	297	0.25



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 13-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365265**

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
	Analyte Units LOD	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
97301		496	9.09	1.91	0.10	0.11	0.06	0.038	0.15	1.5	6.9	0.50	129	8.53	0.08	0.08
97302		5.6	0.14	0.08	<0.05	<0.02	0.04	<0.005	<0.01	1.3	<0.1	0.38	83	0.21	0.01	<0.05
97303		450	8.72	0.39	0.10	0.06	<0.01	0.036	<0.01	1.0	0.2	0.10	44	0.56	0.05	0.12
97304		416	12.40	0.47	0.12	0.07	0.01	0.029	<0.01	1.1	0.3	0.13	62	0.68	0.05	0.12
97305		340	7.67	0.94	0.09	0.12	<0.01	0.061	0.03	3.6	1.5	0.22	86	3.27	0.05	0.16
97306		297	5.76	0.84	0.09	0.18	<0.01	0.249	0.01	9.0	1.1	0.17	123	5.04	0.06	0.32
97307		250	3.82	0.94	0.08	0.06	0.01	0.075	0.01	7.9	1.1	0.16	337	1.60	0.05	0.16
97308		398	4.44	0.56	0.09	0.46	0.02	0.725	<0.01	21.0	0.3	0.14	53	47.7	0.09	0.39
97309		319	5.41	0.55	0.10	0.40	<0.01	0.289	<0.01	15.6	0.5	0.17	59	10.65	0.06	0.23
97310		295	5.10	1.60	0.10	0.43	0.01	0.711	0.01	13.4	2.7	0.40	91	4.41	0.11	0.10
97311		254	3.87	1.15	0.08	0.59	0.01	0.522	0.01	19.5	1.9	0.26	62	5.30	0.08	0.11
97312		265	3.96	1.17	0.08	0.58	0.01	0.592	0.01	18.5	1.8	0.26	61	5.69	0.09	0.12
97313		220	4.02	4.02	0.11	0.66	<0.01	0.048	0.42	20.6	8.0	0.83	207	4.79	0.08	0.06
97314		86.5	4.79	11.70	0.14	0.45	0.01	0.066	1.34	19.8	26.3	2.18	609	1.53	0.08	<0.05
97315		102.5	4.63	11.50	0.15	0.47	<0.01	0.075	1.29	21.5	25.8	2.12	601	1.66	0.09	<0.05
97316		246	8.95	1.67	0.12	0.14	<0.01	0.024	0.11	3.9	3.9	0.43	157	1.06	0.06	0.06
97317		542	9.94	1.18	0.11	0.06	<0.01	0.047	0.01	1.5	1.7	0.21	140	1.18	0.06	0.15
97318		240	4.58	2.29	0.10	0.27	0.01	2.28	0.08	16.6	2.6	0.25	109	7.38	0.08	0.81
97319		184.5	3.45	1.76	0.10	0.28	<0.01	0.250	0.11	15.5	1.4	0.23	78	2.39	0.08	0.68
97320		368	5.35	1.08	0.11	0.21	0.01	1.615	0.01	16.9	1.3	0.11	222	2.47	0.07	0.83
97321		163.5	2.96	1.59	0.07	0.06	0.01	0.010	0.01	2.8	3.3	0.40	156	0.66	0.08	0.07
97322		3.5	0.12	0.08	0.05	<0.02	<0.01	<0.005	<0.01	1.1	<0.1	1.80	109	0.11	0.01	<0.05
97323		118.0	3.87	4.84	0.09	0.06	<0.01	0.022	0.91	2.0	18.6	2.06	309	0.37	0.08	<0.05
97324		64.6	4.24	8.19	0.15	0.07	<0.01	0.015	2.50	2.7	34.4	4.97	272	0.26	0.02	<0.05
97325		85.6	3.31	5.35	0.10	<0.02	<0.01	0.010	0.66	<0.2	13.6	3.52	195	0.25	0.01	<0.05
97326		70.5	4.89	9.47	0.19	0.08	<0.01	0.018	2.72	3.6	34.2	6.26	306	0.86	0.02	<0.05
97327		90.5	4.40	7.47	0.14	<0.02	<0.01	0.011	1.80	<0.2	25.1	5.18	290	0.17	0.02	<0.05
97328		88.1	4.55	8.68	0.15	0.07	<0.01	0.018	2.09	6.8	32.1	5.07	329	0.45	0.02	<0.05
97329		48.8	3.20	6.16	0.11	<0.02	<0.01	0.007	0.44	0.6	17.1	3.79	253	0.08	0.02	<0.05
97330		73.6	3.20	5.52	0.09	<0.02	<0.01	0.008	<0.01	0.2	7.0	3.62	216	0.08	0.01	<0.05
97331		71.4	3.56	5.92	0.10	<0.02	<0.01	0.008	<0.01	<0.2	5.8	4.02	215	0.08	0.01	<0.05
97332		46.7	3.45	5.78	0.11	<0.02	<0.01	0.008	<0.01	0.3	4.1	3.96	244	0.07	0.01	<0.05
97333		29.5	3.47	5.69	0.10	<0.02	<0.01	0.009	<0.01	1.0	4.2	3.98	344	0.06	0.01	<0.05
97334		29.3	3.56	5.90	0.10	<0.02	0.01	0.009	<0.01	1.3	4.7	4.06	348	0.06	0.01	<0.05
97335		50.2	3.65	5.99	0.10	<0.02	<0.01	0.009	<0.01	0.2	6.8	4.06	242	0.07	0.01	<0.05
97336		60.9	3.34	5.54	0.14	<0.02	0.01	0.007	<0.01	0.2	6.8	3.74	201	0.11	<0.01	0.07
97337		69.7	3.67	5.94	0.15	<0.02	0.01	0.006	<0.01	0.3	8.8	3.92	214	0.15	<0.01	0.08
97338		72.2	3.87	7.21	0.18	0.03	0.01	0.009	0.48	3.3	17.2	4.11	237	0.13	<0.01	0.09
97339		56.4	2.67	4.93	0.13	<0.02	0.01	<0.005	1.39	<0.2	21.4	3.07	209	0.34	0.02	0.08
97340		181.5	3.29	2.26	0.15	0.12	<0.01	0.336	0.06	8.9	4.4	0.80	386	8.00	0.09	0.13



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To: MINROC MANAGEMENT LTD.  
 2857 SHERWOOD HEIGHTS DRIVE, UNIT 2  
 OAKVILLE ON L6J 7J9

Page: 2 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
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 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365265**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
97301		1685	130	7.5	9.9	0.004	4.28	0.09	2.6	2.6	0.6	5.8	<0.01	0.28	0.3	0.111
97302		8.3	70	0.3	0.1	<0.001	0.04	0.14	0.3	0.3	<0.2	83.8	<0.01	<0.01	<0.2	<0.005
97303		1720	110	6.8	0.1	0.001	4.65	<0.05	1.3	1.9	0.5	3.2	<0.01	0.28	<0.2	0.083
97304		2130	90	5.6	0.1	0.001	5.95	<0.05	1.6	2.8	0.5	4.3	<0.01	0.43	0.2	0.080
97305		1380	180	5.3	1.8	0.002	3.74	<0.05	1.9	2.4	0.7	5.3	<0.01	0.28	0.8	0.098
97306		1230	360	7.7	0.6	0.002	3.21	<0.05	2.1	2.3	1.2	14.0	<0.01	0.24	1.9	0.104
97307		1580	510	7.2	0.3	0.002	2.33	<0.05	1.7	2.8	1.4	35.3	<0.01	0.29	0.6	0.069
97308		635	500	13.0	0.1	0.024	2.74	<0.05	2.2	2.8	1.7	5.1	<0.01	0.30	4.7	0.099
97309		809	480	11.0	0.1	0.005	3.18	<0.05	1.5	4.4	1.1	4.1	<0.01	0.31	4.5	0.066
97310		1440	300	23.1	0.3	0.007	3.19	<0.05	3.6	3.6	1.7	6.0	<0.01	0.40	2.8	0.077
97311		809	480	11.9	0.3	0.006	2.50	<0.05	2.6	2.8	1.3	4.5	<0.01	0.26	4.0	0.057
97312		847	500	13.4	0.3	0.008	2.57	<0.05	2.7	3.1	1.3	4.8	<0.01	0.28	4.3	0.061
97313		385	420	17.9	20.1	0.005	2.54	<0.05	8.4	2.9	0.9	4.8	<0.01	0.16	6.1	0.105
97314		158.5	550	14.7	64.5	0.001	1.76	<0.05	23.2	0.7	0.6	8.0	<0.01	0.14	6.9	0.221
97315		133.0	570	15.8	61.9	0.002	1.77	<0.05	22.5	1.0	0.6	8.1	<0.01	0.13	7.0	0.210
97316		2100	200	8.0	4.8	0.002	4.63	<0.05	3.6	2.3	0.6	4.3	<0.01	0.39	0.9	0.086
97317		1995	320	7.6	0.5	0.001	4.89	<0.05	2.1	5.1	1.5	6.8	<0.01	0.42	0.2	0.084
97318		519	970	12.0	4.3	0.003	2.71	<0.05	2.1	3.0	3.0	8.1	<0.01	0.16	2.3	0.170
97319		303	760	4.4	6.3	0.002	1.94	<0.05	1.7	1.7	2.8	4.0	<0.01	0.10	1.6	0.221
97320		670	670	11.0	0.4	0.002	3.06	<0.05	1.9	3.5	2.7	29.2	<0.01	0.22	2.5	0.127
97321		1690	540	5.1	0.2	0.001	1.58	<0.05	3.4	0.9	0.5	15.7	<0.01	0.19	0.4	0.078
97322		3.9	80	0.3	0.1	<0.001	0.03	<0.05	0.3	0.3	<0.2	71.0	<0.01	<0.01	<0.2	<0.005
97323		1860	170	3.5	38.0	0.001	1.18	<0.05	4.8	0.8	0.5	10.1	<0.01	0.23	0.3	0.119
97324		859	490	2.9	106.0	0.001	0.60	<0.05	3.1	0.4	0.2	10.3	<0.01	0.11	0.6	0.168
97325		934	40	2.7	30.6	0.001	0.85	<0.05	1.1	0.4	<0.2	1.8	<0.01	0.10	<0.2	0.075
97326		632	700	6.3	118.0	0.001	0.60	<0.05	4.5	0.4	0.2	14.9	<0.01	0.05	0.7	0.194
97327		829	100	1.2	82.4	0.001	0.73	<0.05	1.6	0.5	<0.2	3.2	<0.01	0.09	<0.2	0.134
97328		634	1040	4.2	91.4	0.001	0.60	<0.05	3.7	0.5	0.2	20.0	<0.01	0.06	1.0	0.155
97329		752	110	1.0	20.1	<0.001	0.37	<0.05	1.4	0.2	<0.2	2.9	<0.01	0.07	<0.2	0.077
97330		686	80	0.3	0.3	<0.001	0.61	<0.05	1.5	0.3	<0.2	2.0	<0.01	0.07	<0.2	0.040
97331		906	100	0.3	0.2	<0.001	0.73	<0.05	1.7	0.2	<0.2	2.5	<0.01	0.08	<0.2	0.035
97332		661	90	<0.2	0.1	0.001	0.65	<0.05	1.9	0.2	<0.2	21.2	<0.01	0.08	<0.2	0.031
97333		669	160	0.3	0.2	<0.001	0.56	<0.05	1.9	<0.2	<0.2	67.1	<0.01	0.06	<0.2	0.029
97334		679	190	0.3	0.2	<0.001	0.58	<0.05	2.0	0.3	<0.2	65.1	<0.01	0.05	0.2	0.029
97335		704	110	0.2	0.2	0.001	0.69	<0.05	1.7	0.3	<0.2	2.9	<0.01	0.07	<0.2	0.032
97336		817	90	0.4	0.2	<0.001	0.73	<0.05	1.6	0.4	<0.2	2.3	<0.01	0.09	<0.2	0.040
97337		771	100	0.5	0.3	<0.001	0.85	<0.05	1.6	0.7	<0.2	2.4	<0.01	0.11	<0.2	0.042
97338		775	450	3.4	23.7	<0.001	0.79	<0.05	2.1	0.9	<0.2	9.8	<0.01	0.13	0.6	0.085
97339		815	30	2.5	64.1	0.001	0.39	<0.05	1.5	0.6	0.2	2.4	<0.01	0.11	<0.2	0.108
97340		599	70	4.6	2.5	0.003	1.50	<0.05	3.3	1.8	1.0	76.9	<0.01	0.15	1.3	0.055



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Page: 2 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 13-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365265**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	CRU-QC	PUL-QC
		TI	U	V	W	Y	Zn	Zr	Pass2mm	Pass75um
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.02	0.05	1	0.05	0.05	2	0.5	0.01	0.01
97301		0.22	0.17	34	0.06	3.85	122	4.1	83.2	90.1
97302		<0.02	0.07	1	<0.05	2.18	2	<0.5		88.7
97303		0.03	0.10	11	<0.05	2.75	166	2.0		
97304		0.03	0.10	12	<0.05	2.87	132	2.0		
97305		0.05	0.24	19	<0.05	3.63	232	4.1		
97306		0.04	0.40	18	0.06	4.90	949	6.4		
97307		0.05	0.17	11	0.06	3.45	352	2.1		
97308		0.04	1.11	13	0.11	7.70	2850	19.5		
97309		0.05	0.94	11	0.11	5.37	1195	16.6		
97310		0.18	0.63	19	0.10	5.49	2620	17.3		
97311		0.10	0.78	16	0.24	4.53	1990	24.0		
97312		0.11	0.84	16	0.30	4.77	2180	24.2		
97313		0.29	1.10	60	0.29	4.97	189	26.7		
97314		0.74	1.51	147	0.08	7.28	149	19.9		
97315		0.71	1.44	145	0.09	7.47	189	20.7		
97316		0.19	0.26	27	0.08	3.60	70	4.9		
97317		0.07	0.14	16	<0.05	3.37	174	1.5		
97318		0.06	0.37	39	0.08	9.19	8220	10.7		
97319		0.07	0.23	52	0.07	9.79	742	10.0		
97320		0.03	0.38	24	0.08	8.82	4720	7.0		
97321		0.05	0.11	26	0.07	3.33	22	1.7	70.3	
97322		<0.02	0.09	<1	<0.05	2.18	7	<0.5		
97323		0.38	0.05	65	0.07	1.63	88	2.5		
97324		0.91	0.19	78	<0.05	1.55	69	3.7		
97325		0.29	<0.05	54	<0.05	0.31	30	0.5		
97326		1.02	0.34	110	<0.05	2.97	59	4.4		
97327		0.71	0.09	92	<0.05	0.43	46	<0.5		
97328		0.81	0.29	93	0.05	3.64	58	2.8		
97329		0.19	<0.05	51	0.09	0.63	42	<0.5		
97330		0.04	<0.05	53	0.06	0.54	27	<0.5		
97331		0.02	<0.05	60	0.06	0.55	28	<0.5		
97332		<0.02	<0.05	62	0.12	0.58	28	<0.5		
97333		<0.02	<0.05	61	1.42	1.16	31	<0.5		
97334		0.02	<0.05	59	1.87	1.08	32	<0.5		
97335		<0.02	<0.05	61	0.09	0.53	31	<0.5		
97336		0.02	<0.05	53	0.08	0.52	31	<0.5		
97337		0.03	<0.05	56	0.07	0.53	32	<0.5		
97338		0.24	0.12	61	0.11	1.40	39	1.4		
97339		0.63	<0.05	37	<0.05	0.47	42	0.5		92.5
97340		0.05	0.09	21	1.68	6.36	1370	3.8	73.2	93.9



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Page: 3 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 13-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365265**

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	ME-MS41 Ag ppm	ME-MS41 Al %	ME-MS41 As ppm	ME-MS41 Au ppm	ME-MS41 B ppm	ME-MS41 Ba ppm	ME-MS41 Be ppm	ME-MS41 Bi ppm	ME-MS41 Ca %	ME-MS41 Cd ppm	ME-MS41 Ce ppm	ME-MS41 Co ppm	ME-MS41 Cr ppm	ME-MS41 Cs ppm
		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
97341		2.61	0.08	0.42	1.7	<0.02	<10	10	0.17	0.56	5.43	0.04	3.35	45.2	259	0.19
97342		2.54	0.07	0.49	1.9	<0.02	<10	10	0.17	0.52	5.97	0.05	3.40	37.3	300	0.21
97343		5.27	0.09	1.31	1.4	<0.02	<10	230	0.20	0.36	0.78	0.08	28.9	54.0	388	1.58
97344		2.45	0.33	1.01	0.3	<0.02	<10	80	0.15	0.47	0.46	4.30	38.1	34.2	141	1.20
97345		<0.02	0.30	0.99	0.2	<0.02	<10	100	0.15	0.44	0.45	3.91	36.1	31.2	131	1.14
97346		2.68	0.31	0.69	0.7	<0.02	<10	60	0.16	0.70	0.33	5.23	50.4	40.5	62	0.64
97347		3.20	0.29	0.79	<0.1	<0.02	<10	70	0.22	0.26	0.83	0.22	43.5	19.8	100	0.45
97348		3.09	0.32	0.74	<0.1	<0.02	<10	40	0.29	0.32	0.98	0.74	56.9	31.1	54	0.34
97349		2.40	0.31	0.90	0.2	<0.02	<10	90	0.12	0.60	0.27	4.00	55.8	36.5	78	1.00
97350		2.90	1.37	0.73	1.4	<0.02	<10	30	0.14	2.15	0.23	5.11	59.9	84.4	63	0.77



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Page: 3 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 13-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365265**

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
97341		51.2	1.41	1.90	0.09	0.03	0.01	0.043	0.02	1.9	4.5	0.60	504	32.0	0.03	0.11
97342		42.0	1.57	1.92	0.09	0.04	<0.01	0.030	0.02	1.9	4.7	0.89	576	32.9	0.05	0.08
97343		69.7	3.45	5.86	0.16	0.17	<0.01	0.029	0.54	14.1	17.2	1.44	476	0.54	0.07	0.11
97344		363	4.23	7.15	0.18	0.23	0.01	0.972	0.42	18.1	12.2	1.21	321	3.72	0.06	0.23
97345		353	4.13	6.58	0.20	0.23	<0.01	0.896	0.41	17.1	11.8	1.17	310	3.54	0.06	0.23
97346		299	4.03	5.61	0.21	0.38	<0.01	1.235	0.18	25.0	7.0	0.67	230	9.40	0.05	0.14
97347		220	2.97	3.61	0.11	0.16	<0.01	0.041	0.10	21.9	5.8	0.37	174	5.95	0.05	0.54
97348		253	4.87	3.30	0.13	0.21	0.01	0.143	0.10	27.6	7.0	0.49	182	3.87	0.04	0.52
97349		191.0	4.32	7.25	0.14	0.44	<0.01	0.891	0.44	25.8	10.8	0.86	256	7.40	0.06	0.23
97350		920	18.85	5.14	0.45	0.49	<0.01	0.395	0.31	28.7	8.2	0.66	217	5.79	0.03	0.48





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Page: 3 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 13-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

CERTIFICATE OF ANALYSIS SD22365265
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Sample Description	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2	ME-MS41 Ti % 0.005
97341	890	290	6.3	0.6	0.008	0.43	<0.05	2.3	0.6	0.6	121.0	<0.01	0.10	<0.2	0.036
97342	758	220	5.7	0.6	0.008	0.33	<0.05	2.7	0.4	0.6	144.5	<0.01	0.09	<0.2	0.042
97343	780	920	4.7	29.6	0.001	0.76	<0.05	7.3	0.5	1.2	12.5	<0.01	0.11	2.9	0.154
97344	122.5	980	15.4	23.3	0.003	2.32	<0.05	10.7	2.4	2.2	9.4	<0.01	0.25	2.9	0.185
97345	115.5	960	14.4	22.2	0.002	2.31	<0.05	10.1	2.3	2.2	9.3	<0.01	0.22	2.8	0.181
97346	151.5	390	32.4	11.2	0.006	2.38	<0.05	8.0	2.9	1.7	12.2	<0.01	0.15	5.8	0.082
97347	89.1	510	23.1	4.9	0.001	1.54	<0.05	3.1	1.0	0.8	16.7	<0.01	0.09	5.6	0.097
97348	73.9	1910	13.8	5.3	0.002	2.40	<0.05	4.5	2.2	1.6	21.5	<0.01	0.11	5.3	0.118
97349	128.0	480	15.8	26.1	0.008	2.32	<0.05	14.0	2.2	1.4	12.5	<0.01	0.15	6.4	0.115
97350	214	330	12.6	17.0	0.005	8.02	<0.05	7.6	6.7	1.0	9.0	<0.01	0.71	8.2	0.063

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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Page: 3 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 13-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

<b>CERTIFICATE OF ANALYSIS SD22365265</b>
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Sample Description	Method Analyte Units LOD	ME-MS41 TI ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
97341		0.14	0.33	17	0.13	2.81	32	0.7		
97342		0.20	0.18	19	0.12	3.02	36	0.7		
97343		0.88	0.54	69	0.09	5.61	124	5.7		
97344		0.68	0.36	90	0.23	9.06	2210	7.9		
97345		0.64	0.35	89	0.25	8.58	2070	7.5		
97346		0.26	1.06	47	0.28	7.65	2600	14.1		
97347		0.11	0.92	28	0.16	6.55	123	4.6		
97348		0.11	0.73	32	0.18	8.73	367	6.8		
97349		0.64	0.86	66	0.21	10.55	2280	16.4		
97350		0.39	1.61	29	0.07	9.57	1930	17.5		

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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Page: Appendix 1  
 Total # Appendix Pages: 1  
 Finalized Date: 13-JAN-2023  
 Account: MINMAN

Project: LAL-VIC 2022 DDH

**CERTIFICATE OF ANALYSIS SD22365265**

	<b>CERTIFICATE COMMENTS</b>												
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).            ME-MS41</p>												
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-22</td> <td style="width: 15%;">LOG-22d</td> </tr> <tr> <td>PUL-31</td> <td>PUL-31d</td> <td>PUL-QC</td> <td>SPL-21</td> </tr> <tr> <td>SPL-21d</td> <td>WEI-21</td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-22	LOG-22d	PUL-31	PUL-31d	PUL-QC	SPL-21	SPL-21d	WEI-21		
CRU-31	CRU-QC	LOG-22	LOG-22d										
PUL-31	PUL-31d	PUL-QC	SPL-21										
SPL-21d	WEI-21												
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.            ME-MS41</p>												

### 16.3 Drill Logs



Minroc Management							XRF values			
FROM	TO	LITHO	LITHO SIMPLE	Desc	Angle TCA	Ni %	Zn %	Cu %	Co %	
0	3	OB		Overburden						
3	26.35	s3	s3	Dark grey cd-ms bearing pontiac sediments with occasional 1-5 mm qz-ca veinlets conc to fol at 60 deg TCA	60					
<b>Structure</b>										
24	24.1	qv		Dark grey-white quartz vein conc to fol at 60 TCA , sharp contact						
<b>Alteration</b>										
9.65	10.1	hb		Greenish amphibolization in the sediments , gradual contacts, thin layer of ultramafics ?						
23.2	26.35	cord		altered Corderite clasts						
<b>Mineralization</b>										
3	26.35	py		Ocassional coarse clotty py throughout						
26.35	260.2	v4	v4	Bluish green to dark grey ultramafics, patchy mod mag , stronger in cummlate zones with magnetite, eg from 84-85 m . Weak to mod 70 fol at 70 deg TCA . Unit is overall less weakly foliated / massive from 76.5m. 58.5-60.2 is top of flow brecciated zone , followed by cummlate zone with magnetite from 60.2m followed by spinifex texture around 64.5 m(complete komatite flow sequence). Flow top bx zones are usually strongly biotitized with mod amphibolization and are brownish green. Cummlate zones are bluish grey. Numerous fault zones with chlorite mud from throughout. <b>Ab-shear zone from 27-32.8m. Narrow band of non-mag, diorite with pervasive weak carb alt from 175.5-176.1m</b>						
<b>Structure</b>										
27	28.4	ab-shear	ab-shear	Few bands of calc-sil conc to fol gradual contacts , for eg at 28.1-28.4m . No cr-dio . <b>This could possibly be the ab-shear in core</b>	70					
29.3	32.3	qv		numerous sqz stringers in a generally silicified zone , stringers parallel and corss-cutting fol at 70 deg TCA						
32.6	32.8	ab-shear	ab-shear	Band of calc-sil with cpy, sharp jointed contacts , possibly be the Ab-shear in core						
32.8	33.2	Blocky core		Blocky core						
32.8	34	bx		Top of flow breccia with biotite altered clasts						
36.5	36.65	qz-ca		Qz-ca vein with trace po 60 deg TCA sharp qz margins with wispy carbonate halo						
45	46	qz-ca		numerous qz ca within zone of stronger amphibolization(possible V3)						
51.5	56	Blocky core		50 cm core loss in blocky core with strong biotite / muscovite						
65.2	70.5	joint		Downhole joint with ca and magnetite along joint plane						
71.7	73.7	fault		Fault gouge with chlorite/ talc mud						
74.4	74.8	fault		Fault gouge with chlorite/ talc mud						
75	75.1	qz-ca		~5 cm wide qz-ca veinlet conc to fol , wispy margins , muscovite in core of the vein						
82.6	83.15	fault		Fault gouge with chlorite/ talc mud						
88.7	88.85	fault		Fault gouge with chlorite/ talc mud						
90.8	91	qz-ca		5-10 cm long qz ca veinlet downhole, wispy margins , muscovite in core of the vein						
97.5	98	qz-ca		downhole joint filled with qz-ca and muscovite						
99.8	100.1	fault		Fault gouge with chlorite/ talc mud with some muscovite						
101.8	102	fault		Fault gouge with chlorite/ talc mud with some muscovite						
109.5	116.8	qz-ca		numerous randomly oriented qz-ca stringers						
109.5	110	qz-ca		downhole qz-ca veinlet with muscovite , sharp margins						
138.7	138.9	qz-ca		qz-ca vein, conc to fol at 55 deg TCA						
144	144.1	chl		chl mud						
151.5	152	qz-ca		downhole qz-ca veinlets, resembles talc parbec talc schists						
153.8	154.1	fault		Fault zone with chlorite mud						
154.7	154.9	fault		Fault zone with chlorite mud						
161.5	161.6	fault		Fault zone with chlorite mud						
166.85	167.2	fault		Fault zone with chlorite mud						
175.5	176.1	ID	1d	Band of , no mag, diorite with pervasive carb alt and few qz-ca veinlets, strong biotitization at lower contact						
175.6	175.7	qz-ca		Qz-ca veinlet in the diorite band .						
186	189	cumm		cummulate zone with carb replacement						
189	191.4	fault		wide fault zone with chl mud, stronger biotitization						

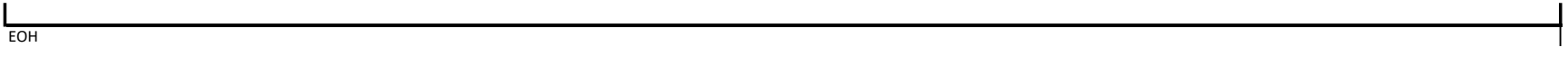
191.4	198	qz-ca	fine qz-ca stringers throughout
201	201.3	fault	fault with chlorite mud
207	216.1	cumm	cummulate zone with carb replacement
214	216.1	qz-ca	fine qz-ca 1-3 mm stringers randomly oriented
219.7	219.9	qz-ca	qz-ca veinlets 5-10 cm cross cutting fol of 70 deg TCA , muscovite along vein margins
220.4	220.5	qz-ca	qz-ca veinlets 5-10 cm cross cutting fol of 70 deg TCA , muscovite along vein margins
222.9	223.2	spini	spinifex texture
223.65	223.7	qz-ca	qz-ca veinlets 5-10 cm cross cutting fol of 70 deg TCA , muscovite along vein margins
232.5	233	qz-ca	fine qz-ca 1-3 mm stringers randomly oriented
237.15	238.7	spini	spinifex texture indicating base of a komatiite flow
238.7	249	cumm	cummulate zone
238.7	249	qz-ca	1-5 mm randomly oriented qz-ca stringers and veinlets
252	252.35	ca	ca veinlets roughly downhole , with musovite lining sharp irregular margins
253.5	253.65	ca	ca veinlets roughly downhole , with musovite lining sharp irregular margins
259.8	259.9	qz-ca	numerous randomly oriented qz-ca stringers
<b>Alteration</b>			
29.15	29.3	BT	Mod to strong biotitization , gradual contacts
30.25	30.45	BT	Mod to strong biotitization , gradual contacts
30.45	32.3	sil	Mod sil with qz stringers
32.8	>73.95	BT	Mod to biotite throughout , occasional bands of stronger biotitization for eg 38-38.65m
65.2	70.5	ca	very strong Carbonate alteration around downhole joint
65.2	70.5	chl	Chlorite mud in fault
71.7	73.7	chl	Chlorite mud in fault
74.4	74.8	chl	Chlorite mud in fault
82.6	83.15	chl	Chlorite mud in fault
88.7	88.85	chl	Chlorite mud in fault
99.8	100.1	chl	Chlorite mud in fault
100.2	100.9	BT	Very strong biotitization with sharp upper contact but gradual lower contact with stronger biotitization
101.8	102	chl	Chlorite mud in fault
123	130	BT	Mod to strong biotitization within ultramafics,
123	130	hb	Mod to strong greenish amphibolization with ultramafics
135	138	hb	Mod to strong biotitization within ultramafics,
135	138	BT	Mod to strong greenish amphibolization with ultramafics
144	144.1	chl	chl mud
146.2	146.5	chl	very strong chl in sheared bit
153.8	153.4	chl	very strong chl in sheared bit
155	157	bt	mod to strong biotitization in a bx zone
154.7	154.9	chl	chl mud with fault zone
175.5	176.1	carb	weak pervasive carb alt within band of diorite
186	189	carb	strong carb replacement of cummulates.
201	201.3	chl	fault with chlorite mud
207	?214.5	carb	strong carb replacement of cummulates.
219	222.5	chl	ocasional 5-10 cm zone of strong chloritization.
222.9	223.2	hb	strong amphibolization within spinifex texture
223.9	229.5	carb	strong carb replacement of cummulates.
231.7	231.9	mag	magnetite withing carb replacement
231	237.2	carb	strong carb replacement of cummulates.
237.15	238.7	BT	very strong biotitization towards possible base of komatiite flow.
237.15	238.7	hb	very strong amphibolization towards possible base of komatiite flow (spinifex zone)
238.7	249	carb	strong carb replacement of cummulates.
251	252	carb	strong carb replacement of cummulates.
259.5	260.2	hb	mod to strong amphibolization
259.5	260.2	BT	mod biotitization , strong at lower contact with qfp
<b>Mineralization</b>			
26.35	29.4	py	10-15 % med to coarse clotty py throughout, often conc to fol

26.35	29.4	sph		10-15 % med to coarse clotty py throughout, often conc to fol
26.35	29.4	po		10-15 % med to coarse clotty py throughout, often conc to fol
30.45	30.55	sph		upto 20 % sph conc to fol
30.45	30.55	py		upto 15 % coarse vuggy py, conc to fol
36.5	36.65	po		Clot of po in wispy qz-ca vein
<b>260.2</b>	<b>278.1</b>	<b>v4+qfp</b>	<b>v4</b>	<b>Dark brownish green ultramafic, patchy weak mag , weak fol highlighted by biotite at 50 deg TCA . 11 bands of dark grey qfp most of them are from 20-30 cm wide .Qfps have sharp contacts at 70 deg TCA . Ultramafics at these contacts have weak pervasive carb alt along with narrow 1-5 cm bands of strong biotitization</b>
<b>Structure</b>				
260.2	260.35	qfp		qfp intrusions , sharp biotitized margins with weak carb alt
261.7	262.15	qfp		qfp intrusions , sharp biotitized margins with weak carb alt
265.1	265.4	qfp		qfp intrusions , sharp biotitized margins with weak carb alt
265.1	265.4	ank		greenish-yellow roughly downhole 1-2 mm stringers within the qfp
267.3	267.65	qfp		qfp intrusions , sharp biotitized margins with weak carb alt
268.7	268.8	qfp		qfp intrusions , sharp biotitized margins with weak carb alt
268.9	269.2	qfp		qfp intrusions , sharp biotitized margins with weak carb alt
269.3	269.35	qfp		qfp intrusions , sharp biotitized margins with weak carb alt
270.2	270.3	qfp		qfp intrusions , sharp biotitized margins with weak carb alt
270.7	271.3	qfp		qfp intrusions , sharp biotitized margins with weak carb alt
277.9	278.1	qfp		qfp intrusions , sharp biotitized margins with weak carb alt
277.9	278	qc-ca		qz-ca veinlet , sharp margins, possible garnets within
<b>Alteration</b>				
260.2	260.35	sil		Silicification in qfp
260.9	261.7	bt		mod biotitization , stronger at qfp v4 contact
260.9	261.7	hb		mod amphibolization
261.7	262.15	sil		Silicification in qfp
262.15	262.6	bt		mod biotitization , stronger at qfp v4 contact
262.15	262.6	hb		mod amphibolization
262.5	264.05	bt		weak to mod biotitization coinciding with tr-5 % po , very strong at 262.5 and 264.05m
264.05	264.5	bt		net-textured biotite roughly conc to fol
265.1	265.4	sil		Silicification in qfp
266	267	bt		mod to strong biotitization
267.3	267.65	sil		Silicification in qfp
268.7	268.8	sil		Silicification in qfp
268.9	269.2	sil		Silicification in qfp
269.3	269.35	sil		Silicification in qfp
270.2	270.3	sil		Silicification in qfp
270.7	271.3	sil		Silicification in qfp
277.9	278.1	sil		Silicification in qfp
<b>Mineralization</b>				
263	264.05	po		trace upto 5 % fine to med diss po, roughly conc to fol
265.1	265.4	po		trace to 1% diss po , around greenish-yellow ankerite stringers within the qfp
<b>278.1</b>	<b>286.2</b>	<b>v4</b>	<b>v4</b>	<b>Ultramafics as above , but massive and overall more amphibolization and biotitization throughout, band of aphanitic ,very dark grey rock fom 278.85-279.5m. This unit could possibly be the first flow in extruding onto the pontiacs?</b>
<b>Alteration</b>				
278.1	286.2	hb		mod to patchy strong amphibolization throughout
278.1	286.2	bt		mod to patchy strong biotitization
283.85	284.1	bt		very strong biotitization with coarser biotite flakes
<b>Mineralization</b>				
278.85	279.5	po		trace fine po
282	286.2	po		very trace fine po
283.85	284.1	po		trace to 1 % fine to med diss po within a band of strong biotitization



285	285.35	po		trace to 2 % fine to med diss po within a band of strong biotitization	
<b>286.2</b>	<b>289.9</b>	<b>calc-sil</b>	<b>calcsil</b>	<b>Unit is a mix of brownish green biotitized and amohibolized ultramafics, brownish grey Pontiac sediments and calc silicates. Most prominent band of calc silicate is from 288.7-289.05m , Mod foliation highlighted by biotite and hornblende is at 60 deg TCA , calc - silicate contacts are biotite enriched</b>	<b>60</b>
<b>Structure</b>					
286.6	286.7	calcsil		narrow band of calc sil , gradual margins, stringers of sulphide	
288.7	289.05	calcsil		most prominent band of calc-silicate with 1-3 % fine to med diss poi , sharp biotitized margins	
<b>Alteration</b>					
286.6	286.7	sil		Calc-silicate with blebby / gradual margins. Strong silcification in the centre weaker towards margins	
287.5	288	sil		weak to mod within ultramafic-pontiac mix	
287.5	288	hb		mod greenish amphibolization	
288.7	289.9	sil		weak sil throughout , strong within calc-silicate from 288.7-289.05m	
<b>Mineralization</b>					
286.2	289.9	po		1-2 % fine to med diss throughout	
286.6	286.7	sph		1-2 % sphalerite	
287.3	288.7	po		2-3 % med diss po within a band of calc-silicatee/ silicification	
287.5	288	po		1-2 % fine po within the ultramafics+pontiac mix	
288.7	289.05	po		1-2 % fine to med diss po within prominent calc-silicate	
<b>289.9</b>	<b>354</b>	<b>s3</b>	<b>s3</b>	<b>Pontiac sediments , strong bedding at 70 deg TCA , narrow band of chloritized ultramafic from 297.5-297.7 m , band of amphibolized and biotitized sheared diorite from 314.15-314.65m , 320.35-320.65, 324.75-325.25, 328.2-328.6, 329.3-329.6,330.5-330.7, 347-85-347.9, 350.5-350.65m</b>	<b>70</b>
<b>Structure</b>					
298.5	298.8	qv		large , dark grey , coarse grained late QV cross cutting foliation with biotitized margins.	
304	311	qz-ca		numerous qz-ca stringers randomly oriented , often with small haloes around them, most intense from 309-310.15 m , possible sericite	
304.9	305.5	sil		possible calc-silicate , but without cr-dio	
319.35	319.4	qzv		2 cm qv , sharp margins cross cutting fol, py along margins	
327.4	327.55	qv		whispy qv 60 deg TCA, 1-2 mm actinolite crystals within , irregualr margins	
326.6	339	blocky core		blocky core	
346.5	348	blocky core		blocky core	
339.7	354	qz-ca		numerous 1-3 mm qz-ca stringer and veinlets, randomly oriented ,	
<b>Alteration</b>					
289.9	354	bt		weak to mod biotitization throughout	
297.5	297.7	chl		mod chloritization within band of ultramafic	
297.5	297.7	bt		mod biotitization within band of ultramafics, margins are very strongly biotitized.	
304.9	305.5	sil		weak to mod whispy silicification resembling calc-sil but without cr-diopside and is mineralized	
307	309	gar		relict garnets or corderites	
314.15	314.65	hb		amphibolization within band of sheared diorite	
314.15	314.65	carb		very weak pervasive carb alt	
320.35	320.65	hb		amphibolization within band of sheared diorite	
320.35	320.65	carb		very weak pervasive carb alt	
324.75	325.35	hb		mod amphibolization within a band of sheared diorite	
324.75	325.35	chl		mod chloritization within band of sheared diorite	
327.4	327.55	sil		silicification within and around qv with actinolite	
328.2	328.6	hb		mod amphibolization within a band of diorite	
328.2	328.6	carb		mod pervasive carb alt within band of diorite	
330.5	330.75	hb		mod amphibolization within a band of sheared diorite	
<b>Mineralization</b>					
304.9	305.5	po		upto 2 % po within zone of whispy silification	
319	319.5	py		trace py around qv	

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SAMPLES			Surimeau - November 2022							SUR-22-31		PAGE: 4	
Sample	From m	To m	Length	DESCRIPTION	Litho Simple								
67268	9.5	10.5	1.00	s3/hb	s3								
67269	24	25.2	1.20	s3/	s3								
67270	25.2	26.35	1.15	s3/	s3								
67271	26.35	27.35	1.00	v4/py+po	v4								
67272			0.00	Blank		#N/A							
67273	27.35	28.4	1.05	calcsil/po+py+sph	calcsil								
67274	28.4	29.4	1.00	calcsil/po+py+sph+sil+bt	calcsil								
67275	29.4	30.45	1.05	v4/sil+bt	v4								
67276	30.45	31.5	1.05	v4/sil+bt+po+py+sph	v4								
67277	31.5	32.8	1.30	calcsil/+cpy	calcsil								
67278	32.8	34	1.20	v4/bt	v4								
67279	34	35	1.00	v4/bt	v4								
67280	35	36	1.00	v4/bt	v4								
67281	36	37.5	1.50	v4/bt+qv	v4								
67282	37.5	39	1.50	v4/bt	v4								
67283	39	40.5	1.50	v4/bt	v4								
67284	40.5	42	1.50	v4/bt	v4								
67285	42	43.5	1.50	v4/bt	v4								
67286	43.5	45	1.50	v4/bt	v4								
67287	45	46.5	1.50	v4/bt+bt+qz+ca	v4								
67288	46.5	48	1.50	v4/bt	v4								
67289	48	49.5	1.50	v4/bt	v4								
67290	49.5	51	1.50	v4/bt	v4								
67291	51	52.5	1.50	v4/bt+ fault	v4								
67292			0.00	Quarter cut		#N/A							
67293	52.5	54	1.50	v4/bt	v4								
67294	54	55.5	1.50	v4/bt	v4								
67295			0.00	Coarse reject		#N/A							
67296	55.5	57	1.50	v4/bt	v4								
67297	57	58.5	1.50	v4/bt	v4								
67298	58.5	60	1.50	v4/bt	v4								
67299	60	61.5	1.50	v4/bt	v4								
67300	61.5	63	1.50	v4/bt+mag	v4								
96501	63	64.5	1.50	v4/bt	v4								
96502			0.00	Blank		#N/A							
96503	64.5	66	1.50	v4/bt+ca joints	v4								
96504	66	67.5	1.50	v4/bt+ca joints	v4								
96505			0.00	Standard		#N/A	Std						
96506	67.5	69	1.50	v4/ca joint	v4								
96507	69	70.5	1.50	v4/ca joint	v4								
96508	70.5	72	1.50	v4/fault gouge	v4								
96509	72	73.5	1.50	v4/fault gouge	v4								
96510	73.5	75	1.50	v4/	v4								
96511	75	76.5	1.50	v4/bt+ca veinlets	v4								

96512			0.00 Coarse reject		#N/A
96513	76.5	78	1.50 v4/	v4	
96514	78	79.5	1.50 v4/ca veinlets	v4	
96515			0.00 Quarter Cut		#N/A
96516	79.5	81	1.50 v4/ca veinlets	v4	
96517	81	82.5	1.50 v4/ca veinlets	v4	
96518	82.5	84	1.50 v4/fault gouge	v4	
96519	84	85.5	1.50 v4/	v4	
96520	85.5	87	1.50 v4/	v4	
96521	87	88.5	1.50 v4/	v4	
96522			0.00 Blank		#N/A
96523	88.5	90	1.50 v4/fault gouge	v4	
96524	90	91.5	1.50 v4/	v4	
96525	91.5	93	1.50 v4/	v4	
96526	93	94.5	1.50 v4/	v4	
96527	94.5	96	1.50 v4/	v4	
96528	96	97.5	1.50 v4/ca veinlets	v4	
96529	97.5	99	1.50 v4/ca veinlets	v4	
96530	99	100.5	1.50 v4/ca str+fault+chl	v4	
96531	100.5	102	1.50 v4/	v4	
96532	102	103.5	1.50 v4/	v4	
96533	103.5	105	1.50 v4/	v4	
96534	105	106.5	1.50 v4/ca	v4	
96535	106.5	108	1.50 v4/ca+bt	v4	
96536	108	109.5	1.50 v4/	v4	
96537	109.5	111	1.50 v4/qz-ca joint	v4	
96538	111	112.5	1.50 v4/ca+str	v4	
96539	112.5	114	1.50 v4/ca+str	v4	
96540	114	115.5	1.50 v4/ca+str	v4	
96541	115.5	117	1.50 v4/ca+str	v4	
96542			0.00 Quarter cut		#N/A
96543	117	118.5	1.50 v4/	v4	
96544	118.5	120	1.50 v4/	v4	
96545			0.00 Coarse reject		#N/A
96546	120	121.5	1.50 v4/	v4	
96547	121.5	123	1.50 v4/	v4	
96548	123	124.5	1.50 v4/bt+hb	v4	
96549	124.5	126	1.50 v4/bt+hb	v4	
96550	126	127.5	1.50 v4/bt+hb+ tr py	v4	
96551	127.5	129	1.50		#N/A
96552			0.00 Blank		#N/A
96553	129	130.5	1.50 v4/bt	v4	
96554	130.5	132	1.50 v4/bt	v4	
96555	132	133.5	1.50 v4/bt	v4	
96556	133.5	135	1.50 v4/bt	v4	
96557	135	136.5	1.50 v4/bt	v4	
96558	136.5	138	1.50 v4/bt	v4	
96559	138	139.5	1.50 v4/bt+ca	v4	

96560	139.5	141	1.50 v4/bt	v4	
96561	141	142.5	1.50 v4/bt	v4	
96562			0.00 Coarse reject		#N/A
96563	142.5	144	1.50 v4/bt	v4	
96564	144	145.5	1.50 v4/bt	v4	
96565			0.00 Quarter cut		#N/A
96566	145.5	147	1.50 v4/hb+bt	v4	
96567	147	148.5	1.50 v4/hb+bt	v4	
96568	148.5	150	1.50 v4/qv+bt	v4	
96569	150	151.5	1.50 v4/qz-ca	v4	
96570	151.5	153	1.50 v4/hb+bt	v4	
96571	153	154.5	1.50 v4/hb+bt	v4	
96572			0.00 Blank		#N/A
96573	154.5	156	1.50 v4/hb+bt	v4	
96574	156	157.5	1.50 v4/	v4	
96575	157.5	159	1.50 v4/	v4	
96576	159	160.5	1.50 v4/	v4	
96577	160.5	162	1.50 v4/fault+chl mud	v4	
96578	162	163.5	1.50 v4/	v4	
96579	163.5	165	1.50 v4/	v4	
96580	165	166.5	1.50 v4/	v4	
96581	166.5	168	1.50 v4/	v4	
96582	168	169.5	1.50 v4/fault+chl mud	v4	
96583	169.5	171	1.50 v4/	v4	
96584	171	172.5	1.50 v4/	v4	
96585	172.5	174	1.50 v4/ possible 1D from 178.8-178.85	v4	
96586	174	175.5	1.50 v4/	v4	
96587	175.5	176.1	0.60 1D		#N/A
96588	176.1	177	0.90 v4/hb+bt	v4	
96589	177	178.5	1.50 v4/hb+bt	v4	
96590	178.5	180	1.50 v4/hb+bt	v4	
96591	180	181.5	1.50 v4/hb+bt	v4	
96592			0.00 Quarter cut		#N/A
96593	181.5	183	1.50 v4/hb+bt	v4	
96594	183	184.5	1.50 v4/hb+bt	v4	
96595			0.00 Coarse reject		#N/A
96596	184.5	186	1.50 v4/hb+bt	v4	
96597	186	187.5	1.50 v4/cummlate+carb	v4	
96598	187.5	189	1.50 v4/cummlate+carb	v4	
96599	189	190.5	1.50 v4/fault+bt+qz-ca str	v4	
96600	190.5	192	1.50 v4/bt+qz-ca str	v4	
96601	192	193.5	1.50 v4/bt+qz-ca str	v4	
96602			0.00 Blank		#N/A
96603	193.5	195	1.50 v4/hb+bt	v4	
96604	195	196.5	1.50 v4/hb+bt	v4	
96605	196.5	198	1.50 v4/hb+bt	v4	
96606	198	199.5	1.50 v4/chl gouge	v4	
96607	199.5	201	1.50 v4/hb+bt	v4	

96608	201	202.5	1.50 v4/hb+bt	v4	
96609	202.5	204	1.50 v4/hb+bt	v4	
96610	204	205.5	1.50 v4/hb+bt	v4	
96611	205.5	207	1.50 v4/hb+bt	v4	
96612			0.00 Coarse reject		#N/A
96613	207	208.5	1.50 v4/cummlate+carb	v4	
96614			0.00 v4/cummlate+carb	v4	
96615	208.5	210	1.50 Quarter Cut		#N/A
96616	210	211.5	1.50 v4/cummlate+carb	v4	
96617	211.5	213	1.50 v4/cummlate+carb	v4	
96618	213	214.5	1.50 v4/cummlate+carb	v4	
96619	214.5	216	1.50 v4/cummlate+carb	v4	
96620	216	217.5	1.50 v4/ca	v4	
96621	217.5	219	1.50 v4/	v4	
96622			0.00 Blank		#N/A
96623	219	220.5	1.50 v4/qz-ca+ms	v4	
96624	220.5	222	1.50 v4/	v4	
96625	222	223.5	1.50 v4/strong bt	v4	
96626	223.5	225	1.50 v4/qz-ca+ms	v4	
96627	225	226.5	1.50 v4/ca	v4	
96628	226.5	228	1.50 v4/ca	v4	
96629	228	229.5	1.50 v4/	v4	
96630	229.5	231	1.50 v4/ca	v4	
96631	231	232.5	1.50 v4/ca+magnetite	v4	
96632	232.5	234	1.50 v4/ca stringers	v4	
96633	234	235.5	1.50 v4/ca stringers	v4	
96634	235.5	237	1.50 v4/ca stringers	v4	
96635	237	238.5	1.50 bv4/ strong hb+bt	bv4	
96636	238.5	240	1.50 v4/ca+spinfex	v4	
96637	240	241.5	1.50 v4/cummlate+carb	v4	
96638	241.5	243	1.50 v4/cummlate+carb	v4	
96639	243	244.5	1.50 v4/ca	v4	
96640	244.5	246	1.50 v4/ca	v4	
96641	246	247.5	1.50 v4/ca	v4	
96642			0.00 Quarter cut		#N/A
96643	247.5	249	1.50 v4/ca	v4	
96644	249	250.5	1.50 v4/ca	v4	
96645			0.00 Coarse reject		#N/A
96646	250.5	252	1.50 v4/cummlate+carb	v4	
96647	252	253.5	1.50 v4/	v4	
96648	253.5	255	1.50 v4/	v4	
96649	255	256.5	1.50 v4/	v4	
96650	256.5	258	1.50 v4/	v4	
96651	258	259.2	1.20 v4/	v4	
96652			0.00 Blank		#N/A
96653	259.2	260.2	1.00 v4+qfp/bt+po	v4+qfp	
96654	260.2	261	0.80 v4/bt	v4	
96655			0.00 Standard		#N/A

96656	261	262.15	1.15 v4+qfp/bt+po	v4+qfp		
96657	262.15	263	0.85 v4/bt	v4		
96658	263	264.05	1.05 v4/bt+1-3% po	v4		
96659	264.05	265.1	1.05 v4/bt	v4		
96660	265.1	266	0.90 v4+qfp/ po+ankerite	v4+qfp		
96661	266	267	1.00 v4/bt	v4		
96662			0.00 Coarse reject		#N/A	
96663	267	268	1.00 v4+qfp/bt	v4+qfp		
96664	268	269	1.00 v4+qfp/bt	v4+qfp		
96665			0.00 Quarter Cut		#N/A	
96666	269	270	1.00 v4+qfp/bt	v4+qfp		
96667	270	271	1.00 v4+qfp/bt	v4+qfp		
96668	271	272	1.00 v4+qfp/bt	v4+qfp		
96669	272	273	1.00 v4/bt+hb+tr po	v4		
96670	273	274.5	1.50 v4/hb+bt	v4		
96671	274.5	276	1.50 v4/hb+bt	v4		
96672			0.00 Blank		#N/A	
96673	276	277.5	1.50 v4/hb+bt	v4		
96674	277.5	278.1	0.60 v4/qfp	v4		
96675	278.1	278.85	0.75 v4/bt	v4		
96676	278.85	279.5	0.65 v3/	v3		
96677	279.5	280.5	1.00 v4+hb+bt	v4		
96678	280.5	282	1.50 v4/hb+bt		#REF!	
96679	282	283.5	1.50 v4/hb+bt	v4		
96680	283.5	284.4	0.90 v4/strong bt+1%po	v4		
96681	284.4	285.4	1.00 v4/bt+hb+1-3 % po	v4		
96682	285.4	286.2	0.80 v4/	v4		
96683	286.2	287.3	1.10 calcsil/s3+v4 mix+po	calcsil		
96684	287.3	288.7	1.40 calcsil/s3+v4 mix+po	calcsil		
96685	288.7	290	1.30 calcsil/s3+v4 mix+po	calcsil		
96686	290	291	1.00 s3/bt	s3		
96687	291	292.5	1.50 s3/	s3		
96688	292.5	294	1.50 s3/bt	s3		
96689	294	295.5	1.50 s3/bt	s3		
96690	295.5	297	1.50 s3/bt	s3		
96691	297	298.5	1.50 s3/band of v4+bt	s3		
96692			0.00 Quarter cut		#N/A	
96693	298.5	300	1.50 s3/grey qv	s3		au
96694	300	301.5	1.50 s3/	s3		
96695			0.00 Coarse reject		#N/A	
96696	301.5	303	1.50 s3/qv	s3		
96697	303	304	1.00 s3/qv	s3		
96698	304	304.9	0.90 s3/qz-ca str	s3		
96699	304.9	305.5	0.60 calcsil/s3 +bt+po	calcsil		
96700	305.5	306.5	1.00 s3/ca stringers	s3		
96701	306.5	307.5	1.00 s3/ca gar	s3		
96702			0.00 Blank		#N/A	
96703	307.5	309	1.50 s3/garnets	s3		

96704	309	310.5	1.50 s3/ca stringers	s3	
96705	310.5	312	1.50 s3/bt	s3	
96706	312	313.2	1.20 s3/	s3	
96707	313.2	314.15	0.95 s3/	s3	
96708	314.15	314.65	0.50 1d-sh/	1d-sh	
96709	314.65	315.65	1.00 s3/	s3	
96710	315.65	316.65	1.00 s3/ca	s3	
96711	316.65	318	1.35 s3/ca	s3	
96712			0.00 Coarse reject		#N/A
96713	318	319.5	1.50 s3/ca stringers +py+qv	s3	
96714	319.5	321	1.50 s3/narrow 1d-sh +py+qv	s3	
96715			0.00 Quarter Cut		#N/A
96716	327.2	328.6	1.40 s3/qv+1d+py	s3	
96717	328.6	330	1.40 s3/qv+1d+py	s3	
96718	330	331.5	1.50 s3/qv+1d+py	s3	
96719	351.4	352.85	1.45 s3/1d	s3	
96720	352.85	354	1.15 s3		#N/A



Box Lengths					Surimeau - November 2022					SUR-22-30		PAGE: 5	
DDH	Box Number	From m	To m	Box Length	DDH	Box Number	From m	To m	Box Length				
SUR-22-30	1	3	8.1	5.1									
SUR-22-30	2	8.1	12.45	4.35									
SUR-22-30	3	12.45	17.05	4.6									
SUR-22-30	4	17.05	21.4	4.35									
SUR-22-30	5	21.4	25.8	4.4									
SUR-22-30	6	25.8	30.25	4.45									
SUR-22-30	7	30.25	34.45	4.2									
SUR-22-30	8	34.45	38.85	4.4									
SUR-22-30	9	38.85	43.15	4.3									
SUR-22-30	10	43.15	47.65	4.5									
SUR-22-30	11	47.65	51.85	4.2									
SUR-22-30	12	51.85	56.55	4.7									
SUR-22-30	13	56.55	60.8	4.25									
SUR-22-30	14	60.8	65.3	4.5									
SUR-22-30	15	65.3	69.6	4.3									
SUR-22-30	16	69.6	73.95	4.35									
SUR-22-30	17	73.95	78.25	4.3									
SUR-22-30	18	78.25	82.6	4.35									
SUR-22-30	19	82.6	87	4.4									
SUR-22-30	20	87	91.4	4.4									
SUR-22-30	21	91.4	95.85	4.45									
SUR-22-30	22	95.85	100.25	4.4									
SUR-22-30	23	100.25	104.56	4.31									
SUR-22-30	24	104.56	108.9	4.34									
SUR-22-30	25	108.9	113.5	4.6									
SUR-22-30	26	113.5	117.95	4.45									
SUR-22-30	27	117.95	122.4	4.45									
SUR-22-30	28	122.4	126.8	4.4									
SUR-22-30	29	126.8	131.25	4.45									
SUR-22-30	30	131.25	135.65	4.4									
SUR-22-30	31	135.65	140.2	4.55									

SUR-22-30	32	140.2	144.5	4.3
SUR-22-30	33	144.5	148.95	4.45
SUR-22-30	34	148.95	153.4	4.45
SUR-22-30	35	153.4	157.85	4.45
SUR-22-30	36	157.85	162.2	4.35
SUR-22-30	37	162.2	166.7	4.5
SUR-22-30	38	166.7	171	4.3
SUR-22-30	39	171	175.45	4.45
SUR-22-30	40	175.45	179.9	4.45
SUR-22-30	41	179.9	184.3	4.4
SUR-22-30	42	184.3	188.6	4.3
SUR-22-30	43	188.6	192.9	4.3
SUR-22-30	44	192.9	197.3	4.4
SUR-22-30	45	197.3	201.5	4.2
SUR-22-30	46	201.5	205.95	4.45
SUR-22-30	47	205.95	210.4	4.45
SUR-22-30	48	210.4	214.85	4.45
SUR-22-30	49	214.85	219.2	4.35
SUR-22-30	50	219.2	223.65	4.45
SUR-22-30	51	223.65	228	4.35
SUR-22-30	52	228	232.5	4.5
SUR-22-30	53	232.5	237	4.5
SUR-22-30	54	237	241.45	4.45
SUR-22-30	55	241.45	245.9	4.45
SUR-22-30	56	245.9	250.25	4.35
SUR-22-30	57	250.25	254.6	4.35
SUR-22-30	58	254.6	259.1	4.5
SUR-22-30	59	259.1	263.6	4.5
SUR-22-30	60	263.6	268	4.4
SUR-22-30	61	268	272.3	4.3
SUR-22-30	62	272.3	276.65	4.35
SUR-22-30	63	276.65	281.1	4.45
SUR-22-30	64	281.1	285.55	4.45
SUR-22-30	65	285.55	289.9	4.35
SUR-22-30	66	289.9	294.25	4.35
SUR-22-30	67	294.25	298.7	4.45
SUR-22-30	68	298.7	303	4.3
SUR-22-30	69	303	307.4	4.4
SUR-22-30	70	307.4	311.85	4.45
SUR-22-30	71	311.85	316.15	4.3

SUR-22-30	72	316.15	320.16	4.01
SUR-22-30	73	320.16	325.15	4.99
SUR-22-30	74	325.15	329.3	4.15
SUR-22-30	75	329.3	333.8	4.5
SUR-22-30	76	333.8	338.6	4.8
SUR-22-30	77	338.6	348.75	10.15
SUR-22-30	78	348.75	347.1	-1.65
SUR-22-30	79	347.1	351.4	4.3
SUR-22-30	80	351.4	354	2.6

fault in box 76

RQD			Surimeau - November 2022		SUR-22-30		PAGE: 3	
FROM	TO	Length Core Run	$\Sigma$ pieces >10cm	RQD %				
3	6	3	1.7	56.67				
6	9	3	2.75	91.67				
9	12	3	2.8	93.33				
12	15	3	2.9	96.67				
15	18	3	3	100.00				
18	21	3	2.95	98.33				
21	24	3	2.85	95.00				
24	27	3	2.4	80.00				
27	30	3	3	100.00				
30	33	3	2.7	90.00				
33	36	3	2.3	76.67				
36	39	3	2.8	93.33	2.75			
39	42	3	2.6	86.67				
42	45	3	2.65	88.33				
45	48	3	3	100.00				
48	51	3	2.35	78.33				
51	54	3	2.35	78.33				
54	57	3	3	100.00				
57	60	3	2.7	90.00				
60	63	3	2.8	93.33				
63	66	3	2.9	96.67				
66	69	3	2.6	86.67				
69	72	3	1.1	36.67				
72	75	3	1.25	41.67	0.7			
75	78	3	2.95	98.33				
78	81	3	3	100.00				
81	84	3	2.4	80.00				
84	87	3	3	100.00				
87	90	3	2.4	80.00				
90	93	3	3	100.00	1.4			
93	96	3	2.7	90.00				
96	99	3	2.85	95.00				
99	102	3	2.5	83.33				
102	105	3	3	100.00				
105	108	3	2.9	96.67				
108	111	3	2.65	88.33				
111	114	3	2.9	96.67				
114	117	3	2.8	93.33				
117	120	3	3	100.00				
120	123	3	2.7	90.00				
123	126	3	2.75	91.67				
126	129	3	3	100.00				
129	132	3	2.8	93.33				
132	135	3	2.8	93.33				
135	138	3	2.9	96.67				
138	141	3	2.6	86.67				
141	144	3	3	100.00				
144	147	3	2.7	90.00				
147	150	3	3	100.00				
150	153	3	3	100.00				
153	156	3	2.7	90.00				
156	159	3	3	100.00				
159	162	3	2.9	96.67				
162	165	3	2.9	96.67				
165	168	3	2.7	90.00				
168	171	3	2.7	90.00				
171	174	3	2.9	96.67				

174	177	3	2.9	96.67
177	180	3	3	100.00
180	183	3	3	100.00
183	186	3	3.1	103.33
186	189	3	2.7	90.00
189	192	3	1.5	50.00
192	195	3	2.6	86.67
195	198	3	2.8	93.33
198	201	3	2.7	90.00
201	204	3	2.2	73.33
204	207	3	2.7	90.00
207	210	3	3	100.00
210	213	3	3	100.00
213	216	3	2.9	96.67
216	219	3	2.9	96.67
219	222	3	2.8	93.33
222	225	3	2.8	93.33
225	228	3	2.8	93.33
228	231	3	2.8	93.33
231	234	3	3	100.00
234	237	3	3	100.00
237	240	3	3	100.00
240	243	3	2.8	93.33
243	246	3	3	100.00
246	249	3	2.9	96.67
249	252	3	3	100.00
252	255	3	3	100.00
255	258	3	2.9	96.67
258	261	3	2.95	98.33
261	264	3	3	100.00
264	267	3	2.9	96.67
267	270	3	2.6	86.67
270	273	3	3	100.00
273	276	3	2.8	93.33
276	279	3	2.85	95.00
279	282	3	2.9	96.67
282	285	3	2.95	98.33
285	288	3	2.6	86.67
288	291	3	1.7	56.67
291	294	3	3	100.00
294	297	3	2.8	93.33
297	300	3	2.8	93.33
300	303	3	2.6	86.67
303	306	3	2.9	96.67
306	309	3	2.95	98.33
309	312	3	2.5	83.33
312	315	3	2.9	96.67
315	318	3	2.85	95.00
318	321	3	2.9	96.67
321	324	3	2.7	90.00
324	327	3	2.7	90.00
327	330	3	2.7	90.00
330	333	3	2.5	83.33
333	336	3	2.5	83.33
336	339	3	0.6	20.00
339	342	3	2.2	73.33
342	345	3	2.5	83.33
345	348	3	1.8	60.00
348	351	3	2.1	70.00
351	354	3	2.3	76.67

85

0.5



# Minroc Management

FROM	TO	LITHO	LITHO SIMPLE	Desc	Angle TCA
0	6	OB		Overburden	
6	21	s3	s3	Pontiac sediments , bedding at 70 deg TCA , zone of coarse staurolites from 15.5-18m	70
<b>Structure</b>					
6	21	qv		ocassional fine qz stringers randomly oriented	
13.5	13.6	qv		10 cm qv irregular margins ,roughly conc to fol with biotite blebs within	
<b>Alteration</b>					
6	21	bt		weak to mod biotite alteration	
<b>Mineralization</b>					
6	21	py		ocassional fine py	
21	27.85	s3	s6gp	Pimarily pontiac sediments with bands of graphitic mudstones from 23.1-23.15, 24-24.15,24.5-24.8,25.3-25.5m, 21.85-22.5 and 27.7-27.85m are bands of folited sediments with mod sil along with sphalerite,pyrite this could be the ab-shear in core few 10-20 cm bands of chloritized mafic volcanic from 25.9 to 27.1m . Bedding or foliation at 70 deez TCA	70
<b>Alteration</b>					
21.85	22.5	ab		mod to strong sil with mineralization , no cr-dio	
27.7	27.85	ab		mod to strong sil with mineralization , no cr-dio	
25.9	27.1	hb		mod amphibolization within narrow bands of mafic volcanic	
25.9	27.1	bt		mod biotitization within narrow bands of mafic volcanic	
<b>Mineralization</b>					
21	21.85	py		upto 1 % very fine py conc to fol within sediments	
21.85	22.5	sph		15-20% sph , py within band of mod silicification , possible ab-shear in core	
23.1	23.15	sph		Bands of graphitic mudstone with 5-7% py, sph ,locally upto 15 % as rimmed blebs	
24	24.15	sph		Bands of graphitic mudstone with 5-7% py, sph ,locally upto 15 % as rimmed blebs	
24.5	24.8	sph		Bands of graphitic mudstone with 5-7% py, sph ,locally upto 15 % as rimmed blebs	
25.3	25.5	sph		Bands of graphitic mudstone with 5-7% py, sph ,locally upto 15 % as rimmed blebs	
27.7	27.85	sph		15-20% sph , py within band of mod silicification , possible ab-shear in core	
27.85	38.25	calcsil	calcsil	Bright green calc-silicate with sharp upper and lower contacts . Foliation is at 65-70 deg TCA .30-31.5 is a band of dark gre-green mafic volcanics with sharp lower and upper margins. There is a band of albitized sediments from 32.05 to 32.65 m with sharp upper but gradual lower contact that is biotitized / amphibolized. This contact zone with albitized band also has pyrite concentration. 32.95-35.75 is a zone of predominantly mafic volcanic with minor bands of calc-silicate with numerous ab-ca veinlets and stringer with sulphide concentrations within. The bands of calc silicate have reddish fine garnets. 35.75-36.55 m is another band of mafic volcanic with sharp contacts at 70-65 deg TCA. 36.55 to 38.25 are very strongly carbonatized calc-silicates with foliation ranging from 70 to 80 deg TCA . Calc-silicates are softer and have crystallized carbonates	70
<b>Structure</b>					
32.95	35.75	ab-ca		numerous qz-ab-ca veinlets and stringers with sulphide concentrations within	
34.5	34.8	joint		Joint at 20 deg TCA	20
<b>Alteration</b>					
27.85	38.25	carb		mod pervasive carb alt throughout. Stronger within ca stringer from 32.95-35.75 m	
27.85	38.25	bt		weak to mod biotitization throughout, locally strong around calc-sil and mafic contacts	
32.05	32.65	ab		mod albitization within band of possible ab-shear , no cr-dio , looks very diiferent to surrounding rock	
34.95	35.1	gar		10-15 % fine reddish weathered garnets	
36.55	38.25	carb		Very strong pervasive carb alt in calc-silicate, presence of yellowish-brown minerals, soft and have replacement textures ,possible replaced mineral	
<b>Mineralization</b>					
27.85	38.25	po		Overall 1-2 % fine diss po within calc-sil bands (XRF 0.4 Ni at 28.1 m )	
32.05	32.65	sph		Albitized band with 10-15 % sph	
32.05	32.65	cpy		Albitized band with 2-3 % cpy diss and stringers	
32.05	32.65	po		Albitized band with 2-3 % po diss	
32.95	35.75	po		1-2 % med to coarse po within and around qz-ab-ca veinlets	
32.95	35.75	sph		3-5 % med to coarse sphalerite within and around qz-ab-ca veinlets	
32.95	35.75	cpy		1-2 % cpy as diss and stringers	
38.25	148.25	v4	v4	Greenish-bluish ultramafics. Fol at 60 deg TCA , flow tops are brecciated and biotitized for eg. From 42-49.3m and cummlate zones with carbonate replacement eg. 72-74.85 m	60
<b>Structure</b>					
49.3	49.4	blocky core		blocky core with chlorite mud	
67.15	67.9	blocky core		blocky core with chlorite mud	
112.5	112.6	qz-ab		5-10 cm qz-ab vein with irregular margins	
122	123	qz-ca		numerous fine qz-ca stringers and veinlets in random orientation	
127.3	128.35	qz-ca		numerous fine qz-ca stringers and veinlets in random orientation	
139	139.5	blocky core		blocky core with talc-chlorite mud	
143	144	blocky core		blocky core with talc-chlorite mud	
<b>Alteration</b>					
42	49.3	bt		mod biotitization within flow top	
62.7	63.3	bt		strong biotitization in the ultramafics	
81	81.6	bt		mod biotitization within flow top	
87.3	87.5	bt		mod biotitization within flow top	
91.7	92	bt		Mod to strong biotitization	
94.8	96.9	bt		mod biotitization within flow top	
103.1	104.6	bt		mod biotitization within flow top	
112.6	116.5	bt		mod biotitization within flow top	

117	117.65	carb		weak to mod carb in cumulate replacement	
122	123	hb		mod greenish amphibolization	
126.3	126.4	bt		mod biotitization within flow top	
131.9	132.2	bt		mod to strong biotitization	
135.58	138	bt		mod to strong biotitization	
139	148.25	talc		Ultramafics are talcose	
139	148.25	chl		ultramafics are chloritized almost to a talc chlorites schist	
<b>Mineralization</b>					
74.85	76.5	po		fine diss po within massive ultramafics	
<b>148.25</b>	<b>223.35</b>	<b>qfp_dio</b>	<b>qfp</b>	<b>Light greyish granodiorite similar to one seen in eastern N-S crosscut of Victoria main trench. No visible sulphide , few qvs, sharp contact at 70 deg TCA , weak foliation outlined by biotite/driotic groundmass at 70 deg TCA . Massive after 163.5m from 220.2 to 222 is the lower contact zone of the main granodiorite. The contact zone is more glassy / fine grained with biotite. narrow band of ultramafic from 222-222.6m. 222.35 is the actual lower contact of the granodiorite. This contact is sharp and the ultramafics are very strongly biotitized</b>	<b>70</b>
<b>Structure</b>					
<b>148.25</b>	150.5	qv		contact zone with qvs, and larger alteration haloes	
<b>165</b>	166.5	qv		few shallow 1-3 cm white qvs sharp margins , slight halo around	
<b>162</b>	163.5	qv		few shallow 1-3 cm white qvs , sharp margins with slight halo around	
<b>174.5</b>	174.6	ca		greenish ca 1-2mm stringer at 30 deg TCA	<b>30</b>
<b>180.4</b>	180.55	qv		greyish white 1-2 cm qv , sharp margins at 35 deg TCA with orange kspar halo around	<b>35</b>
<b>192</b>	192.5	blocky		blocky jointed core	
<b>206.8</b>	206.9	joint		closely space joint cross cutting fol	
<b>207</b>	208.35	blocky		blocky jointed core with chl and trace py	
<b>213.5</b>	214.5	qv		2 5-10 cm white qvs with chl and kspar margins cross cutting fol	
<b>221.45</b>	221.6	qv		5 -10 cm qv , sharp margins with sil halo and biotite band at 70 deg TCA	<b>70</b>
<b>Alteration</b>					
<b>148.25</b>	150.5	sil		stronger silicification halo around upper contact zone with ultramafics	
<b>176</b>	181.4	kspar		weak kspar in granodiorites	
<b>207</b>	208.35	chl		some chl mud in jointed granodiorite	
<b>213.5</b>	214.5	kspar		weak kspar alt as haloes around qvs	
<b>221.4</b>	221.55	bt		band of very strong biotitization at contact of a qv in the granodiorites	
<b>222</b>	222.6	chl		weak chloritization in ultramafic band	
<b>222</b>	222.6	bt		weak biotitization in ultramafic band	
<b>Mineralization</b>					
<b>207</b>	208.35	py		trace py on joint planes	
<b>213.5</b>	214.5	po		trace med clots of po , XRF : No Ni ,Cu or Zn	
<b>221.45</b>	221.6	py		trace py in qv	
<b>223.35</b>	<b>234.5</b>	<b>v4</b>	<b>v4</b>	<b>Primarily bluish green to brown ultramafics, with brecciated flow top zone from 227.75-228 m . Band of dark grey qfp from 225.6 to 226.2 m , this band of qfp is not a granodiorite and has numerous qz-ca , ca stringers with po throughout . Narrow band of dark green-black mafic volcanic from 227.3 to 227.75 m . Few intermittent lenses of calc-silicate(no cr-dio) from 231.15 to 232.65m most prominent of which is from 232.5-232.65m . The calc-silicates have no cr-dio and are mod-strongly carbonatized.</b>	<b>70</b>
<b>Structure</b>					
<b>225.6</b>	226.2	qfp		Grey qfp / sil altered v4 with numerous qz-ca ,ca stringers	
<b>227.3</b>	227.75	qz-ca		numerous qz-ca , ca stringers and veinlets , randomly oriented within band of mafic volcanics	
<b>232.65</b>	235.65	blocky		core is slightly jointed and blocky	
<b>Alteration</b>					
<b>223.35</b>	223.4	bt		Band of very strong biotitization at granodiorite/v4 contact	
<b>225.6</b>	226.2	sil		band of qfp/ silicified ultramafic	
<b>226.2</b>	227.3	bt		mod to strong biotitization	
<b>226.2</b>	227.3	hb		mod amphibolization	
<b>229</b>	234.5	bt		mod to patchy strong biotitization throughout	
<b>229</b>	234.5	hb		mod to patchy strong amphibolization throughout	
<b>231.15</b>	232.65	carb		mod to patchy strong carbonatization within band of potential calc-silicate	
<b>Mineralization</b>					
<b>223.35</b>	225.6	py		trace fine py throughout	
<b>225.6</b>	226.2	po		trace fine to med po in band of qfp/ sil v4	
<b>226.2</b>	227.3	py		trace py locally upto 2 % from 227.2-227.3 m as diss and stringers	
<b>231.15</b>	232.65	py		trace to 1% py, po around qz-ca zones within calc-silicate	
<b>231.15</b>	232.65	po		trace po around qz-ca zones within calc-silicate	
<b>234.5</b>	<b>255</b>	<b>s3</b>	<b>s3</b>	<b>Pontiac sediments with narrow bands of chloritized/ amphibolized and biotitized ultramafics with sharp contact conc to bedding of 70 deg TCA at 235.5-235.8,238.8-238.9,239.85-239.9,240.75-242.3,243.7-243.8,249.5-249.9,252.55-252.7,252.9-253m.</b>	<b>75</b>
<b>Struture</b>					
<b>234.5</b>	253	blocky		core is slightly blocky with downhole and cross cutting joints , most blocky around 235.8-233 , 249-249.5,252-253.3m	
<b>245.7</b>	245.9	qv		narrow qv conc to fol at 75 deg TCA with coarse green acicular actinolite needles and weak sil around	
<b>246.5</b>	246.6	qv		5 cm qv cross cutting foliation ,sharp margins	
<b>Alteration</b>					
<b>240.75</b>	242.3	hb		weak to mod amphibolization within band of ultramafics	
<b>240.75</b>	242.3	bt		mod biotitization within band of ultramafic	
<b>245.7</b>	245.9	sil		weak sil around qv	
<b>249.5</b>	249.9	chl		weak chloritization with slight talc within band of ultramafics	
<b>249.5</b>	249.9	bt		mod biotitization within band of ultramafic	
<b>Mineralization</b>					



240.75	242.3	py	trace to 1 % fine diss py with band of ultramafic
240.75	242.3	po	trace to 1 % fine diss po within band of ultramafic
245.7	245.9	py	trace med py in qv

EOH

SAMPLES			Surimeau - November 2022							SUR-22-31		PAGE: 4	
Sample	From m	To m	Length	DESCRIPTION	Litho Simple	Au g/t							
96721	19.5	21	1.50	s3/	s3								
96722			0.00	Blank		#N/A							
96723	21	22.5	1.50	s6gp/s3+bt+py+sph+cpy	s6gp								
96724	22.5	24	1.50	s6gp/s3+bt+py+sph+cpy	s6gp								
96725	24	25	1.00	s6gp/s3+bt+py+sph+cpy	s6gp								
96726	25	25.9	0.90	s6gp/s3+bt+py+sph+cpy	s6gp								
96727	25.9	27	1.10	s3/some v3+tr py	s3								
96728	27	27.85	0.85	s3/some v3+sph	s3								
96729	27.85	28.5	0.65	v3/	v3								
96730	28.5	30	1.50	calcsil/po	calcsil								
96731	30	31.5	1.50	v3/ca stringers	v3								
96732	31.5	32.95	1.45	calcsil/ab shear+py+po+cpy	calcsil								
96733	32.95	34.4	1.45	calcsil/sph+bt no cr-dio	calcsil								
96734	34.4	35.75	1.35	calcsil/po+py+cpy+gar	calcsil								
96735	35.75	36.55	0.80	v3/	v3								
96736	36.55	37.4	0.85	calcsil/strong carb+po	calcsil								
96737	37.4	38.25	0.85	calcsil/strong carb+po	calcsil								
96738	38.25	39	0.75	v4/	v4								
96739	39	40.5	1.50	v4/	v4								
96740	40.5	42	1.50	v4/	v4								
96741	42	43.5	1.50	v4/	v4								
96742			0.00	Quarter cut		#N/A							
96743	43.5	45	1.50	v4/	v4								
96744	45	46.5	1.50	v4/	v4								
96745			0.00	Coarse reject		#N/A							
96746	46.5	48	1.50	v4/bt	v4								
96747	48	49.5	1.50	v4/	v4								
96748	49.5	51	1.50	v4/	v4								
96749	51	52.5	1.50	v4/	v4								
96750	52.5	54	1.50	v4/	v4								
96751	54	55.5	1.50	v4/	v4								
96752			0.00	Blank		#N/A							
96753	55.5	57	1.50	v4/	v4								
96754	57	58.5	1.50	v4/	v4								
96755	58.5	60	1.50	v4/	v4								
96756	60	61.5	1.50	v4/	v4								
96757	61.5	63	1.50	v4/	v4								
96758	63	64.5	1.50	v4/	v4								
96759	64.5	66	1.50	v4/	v4								
96760	66	67.5	1.50	v4/	v4								
96761	67.5	69	1.50	v4/bt	v4								
96762			0.00	Coarse reject		#N/A							
96763	69	70.5	1.50	v4/	v4								
96764	70.5	72	1.50	v4/	v4								

96765			0.00 Quarter Cut		#N/A
96766	72	73.5	1.50 v4/	v4	
96767	73.5	75	1.50 v4/bt+po+ca	v4	
96768	75	76.5	1.50 v4/bt+po	v4	
96769	76.5	78	1.50 v4/	v4	
96770	78	79.5	1.50 v4/	v4	
96771	79.5	81	1.50 v4/	v4	
96772			0.00 Blank		#N/A
96773	81	82.5	1.50 v4/	v4	
96774	82.5	84	1.50 v4/	v4	
96775	84	85.5	1.50 v4/	v4	
96776	85.5	87	1.50 v4/	v4	
96777	87	88.5	1.50 v4/	v4	
96778	88.5	90	1.50 v4/	v4	
96779	90	91.5	1.50 v4/	v4	
96780	91.5	93	1.50 v4/	v4	
96781	93	94.5	1.50 v4/	v4	
96782	94.5	96	1.50 v4/	v4	
96783	96	97.5	1.50 v4/	v4	
96784	97.5	99	1.50 v4/	v4	
96785	99	100.5	1.50 v4/	v4	
96786	100.5	102	1.50 v4/	v4	
96787	102	103.5	1.50 v4/	v4	
96788	103.5	105	1.50 v4/	v4	
96789	105	106.5	1.50 v4/	v4	
96790	106.5	108	1.50 v4/	v4	
96791	108	109.5	1.50 v4/	v4	
96792			Quarter cut		#N/A
96793	109.5	111	1.50 v4/	v4	
96794	111	112.5	1.50 v4/	v4	
96795			0.00 Coarse reject		#N/A
96796	112.5	114	1.50 v4/tr py	v4	
96797	114	115.5	1.50 v4/bt	v4	
96798	115.5	117	1.50 v4/bt	v4	
96799	117	118.5	1.50 v4/ca	v4	
96800	118.5	120	1.50 v4/	v4	
96801	120	121.5	1.50 v4/	v4	
96802			0.00 Blank		#N/A
96803	121.5	123	1.50 v4/qz-ca	v4	
96804	123	124.5	1.50 v4/bt	v4	
96805			0.00 Standard		#N/A
96806	124.5	126	1.50 v4/bt	v4	
96807	126	127.5	1.50 v4/	v4	
96808	127.5	129	1.50 v4/	v4	
96809	129	130.5	1.50 v4/bt	v4	
96810	130.5	132	1.50 v4/bt	v4	
96811	132	133.5	1.50 v4/bt	v4	
96812			0.00 Coarse reject		#N/A

96813	133.5	135	1.50 v4/bt	v4	
96814	135	136.5	1.50 v4/bt	v4	
96815			0.00 Quarter Cut		#N/A
96816	136.5	138	1.50 v4/bt	v4	
96817	138	139.5	1.50 v4/bt+ta1c+chl	v4	
96818	139.5	141	1.50 v4/ca	v4	
96819	141	142.5	1.50 v4/ta1c+chl	v4	
96820	142.5	144	1.50 v4/ta1c+chl	v4	
96821	144	145.5	1.50 v4/ta1c+chl	v4	
96822			0.00 Blank		#N/A
96823	145.5	147	1.50 v4/ca	v4	
96824	147	148.25	1.25 v4/chl	v4	
96825	148.25	149.75	1.50 qfp dio/	qfp dio	
96826	149.75	151	1.25 qfp dio/	qfp dio	
96827	151	152	1.00 qfp dio/	qfp dio	
96828	152	153	1.00 qfp dio/	qfp dio	
96829	153	154.5	1.50 qfp dio/	qfp dio	
96830	154.5	156	1.50 qfp dio/	qfp dio	
96831	174	175.5	1.50 qfp dio/ca stringer	qfp dio	
96832	180	181.4	1.40 qfp dio/	qfp dio	
96833	204	205.5	1.50 qfp dio/	qfp dio	
96834	205.5	207	1.50 qfp dio/	qfp dio	
96835	207	208.5	1.50 qfp dio/fault	qfp dio	
96836	208.5	210	1.50 qfp dio/	qfp dio	
96837	210	211.5	1.50 qfp dio/	qfp dio	
96838	211.5	213	1.50 qfp dio/	qfp dio	
96839	213	214.5	1.50 qfp dio/qv +tr po	qfp dio	
96840	214.5	216	1.50 qfp dio/	qfp dio	
96841	216	217.5	1.50 qfp dio/	qfp dio	
96842			0.00 Quarter cut		#N/A
96843	217.5	219	1.50 qfp dio/	qfp dio	
96844	219	220.5	1.50 qfp dio/contact zone	qfp dio	
96845			0.00 Coarse reject		#N/A
96846	220.5	222	1.50 qfp dio/contact zone	qfp dio	
96847	222	223.35	1.35 qfp dio/ v4 mix with po in both	qfp dio	
96848	223.35	224.6	1.25 v4/	v4	
96849	224.6	225.6	1.00 v4/tr py	v4	
96850	225.6	226.2	0.60 qfp/ v4 sil +po+ca stringers	qfp	
96851	226.2	227.3	1.10 v4/py+bt	v4	
96852			0.00 Blank		#N/A
96853	227.3	227.75	0.45 v3/ca stringers	v3	
96854	227.75	228.75	1.00 v4/bt+bx	v4	
96855	228.75	229.5	0.75 v4/bt+bx+ca stringers	v4	
96856	229.5	231	1.50 v4/ca stringers+trace po	v4	
96857	231	232.5	1.50 calcsil/v4+carb+po	calcsil	
96858	232.5	233.65	1.15 v4/	v4	
96859	233.65	234.5	0.85 s3/	s3	
96860	234.5	235.8	1.30 s3/	s3	

96861	235.8	237	1.20 s3/v4 bands	s3	
96862			0.00 Coarse reject		#N/A
96863	237	238.5	1.50 s3/v4 bands	s3	
96864	238.5	240	1.50 s3/v4 bands	s3	
96865			0.00 Quarter Cut		#N/A
96866	240	240.75	0.75 s3/	s3	
96867	240.75	241.6	0.85 v4/po	v4	
96868	241.6	242.3	0.70 v4/po	v4	
96869	242.3	243.7	1.40 s3/	s3	
96870	243.7	245.2	1.50 v4/s3+po	v4	
96871	245.2	246	0.80 s3+qv		#N/A
96872			0.00 Blank		#N/A
96873	246	247.5	1.50 s3/qv	s3	
96874	247.5	249	1.50 s3/	s3	
96875	249	250.5	1.50 s3/v4 bands	s3	
96876	250.5	252	1.50 s3/v4 bands	s3	
96877	252	253.5	1.50 s3/v4 bands	s3	
96878	253.5	255	1.50 s3/	s3	



SUR-22-31	37	163.65	168.1	4.45
SUR-22-31	38	168.1	172.55	4.45
SUR-22-31	39	172.55	177	4.45
SUR-22-31	40	177	181.4	4.4
SUR-22-31	41	181.4	185.85	4.45
SUR-22-31	42	185.85	190.25	4.4
SUR-22-31	43	190.25	194.7	4.45
SUR-22-31	44	194.7	199.1	4.4
SUR-22-31	45	199.1	203.5	4.4
SUR-22-31	46	203.5	207.2	3.7
SUR-22-31	47	207.2	211.8	4.6
SUR-22-31	48	211.8	216.25	4.45
SUR-22-31	49	216.25	220.75	4.5
SUR-22-31	50	220.75	225	4.25
SUR-22-31	51	225	229.45	4.45
SUR-22-31	52	229.45	233.8	4.35
SUR-22-31	53	233.8	238.15	4.35
SUR-22-31	54	238.15	242.6	4.45
SUR-22-31	55	242.6	247	4.4
SUR-22-31	56	247	251.4	4.4
SUR-22-31	57	251.4	255	3.6

EOH

RQD			Surimeau - November 2022		SUR-22-31		PAGE: 3	
FROM	TO	Length Core Run	$\Sigma$ pieces >10cm	RQD %				
6	9	3	2.8	93.33				
9	12	3	2.53	84.33				
12	15	3	2.8	93.33				
15	18	3	2.9	96.67				
18	21	3	2.9	96.67				
21	24	3	3	100.00				
24	27	3	3	100.00				
27	30	3	3	100.00				
30	33	3	3	100.00				
33	36	3	2.9	96.67				
36	39	3	2.9	96.67	2.2			
39	42	3	2.8	93.33				
42	45	3	2.6	86.67				
45	48	3	2.6	86.67				
48	51	3	2.65	88.33				
51	54	3	2.8	93.33				
54	57	3	2.1	70.00				
57	60	3	2.8	93.33				
60	63	3	2.6	86.67				
63	66	3	1.6	53.33				
66	69	3	2.7	90.00				
69	72	3	2.65	88.33				
72	75	3	2.6	86.67				
75	78	3	3	100.00				
78	81	3	3	100.00				
81	84	3	2.85	95.00				
84	87	3	3	100.00				
87	90	3	3	100.00				
90	93	3	2.6	86.67				
93	96	3	2.4	80.00				
96	99	3	2.7	90.00				
99	102	3	2.6	86.67				
102	105	3	2.6	86.67				
105	108	3	2.8	93.33				
108	111	3	3	100.00				



111	114	3	2.9	96.67
114	117	3	2.7	90.00
117	120	3	2.5	83.33
120	123	3	2.6	86.67
123	126	3	2.7	90.00
126	129	3	2.65	88.33
129	132	3	2.05	68.33
132	135	3	2.75	91.67
135	138	3	2.8	93.33
138	141	3	2.1	70.00
141	144	3	2.05	68.33
144	147	3	2.3	76.67
147	150	3	2.35	78.33
150	153	3	3	100.00
153	156	3	3	100.00
156	159	3	3	100.00
159	162	3	2.9	96.67
162	165	3	3	100.00
165	168	3	3	100.00
168	171	3	3	100.00
171	174	3	3	100.00
174	177	3	3	100.00
177	180	3	3	100.00
180	183	3	3	100.00
183	186	3	3	100.00
186	189	3	3	100.00
189	192	3	3	100.00
192	195	3	2.55	85.00
195	198	3	3	100.00
198	201	3	3	100.00
201	204	3	3	100.00
204	207	3	2.7	90.00
207	210	3	1.9	63.33
210	213	3	3	100.00
213	216	3	3	100.00
216	219	3	3	100.00
219	222	3	2.7	90.00
222	225	3	2.6	86.67
225	228	3	2.3	76.67
228	231	3	2.6	86.67

231	234	3	2.5	83.33
234	237	3	2.6	86.67
237	240	3	2.75	91.67
240	243	3	2.65	88.33
243	246	3	2.9	96.67
246	249	3	3	100.00
249	252	3	2.3	76.67
252	255	3	2.75	91.67

EOH



## Minroc Management

FROM	TO	LITHO	LITHO SIMPLE		Angle TCA
0	6	OB		<b>Overburden</b>	
6	19.15	s3	s3	Pontiac sediments with corderites and bedding at 65 deg TCA, cd crystals 2-10mm in size from 14.65-17.85m	65
<b>Structure</b>					
6	6.4	blocky		blocky core	
11.6	12.1	carb		whispy 1-10mm greenish coloured carbonate stringers and veinlets generally oriented 30deg TCA	30
12.1	12.55	qv		irregular white-grey qv's 2-10cm thick, coarse bt crystals within vein, fine clotty sulfide (py-po) within vein	
12.9	12.95	qv		5cm grey-white qv oriented 75deg TCA, sharp margins	75
<b>Alteration</b>					
6	19.15	bt		weak to mod biotite alteration	
<b>Mineralization</b>					
12.1	12.55	py,po		trace to locally 1% fine to med diss and clotty py-po in qv's	
12.9	12.95	py,po		trace to locally 1% fine to med diss and clotty py-po in qv	
14.75	14.8	py,po		fine 1-2mm py-po stringers crosses bedding at 50deg TCA	50
19.15	24.55	s6gp	s6gp	<b>Primarily pontiac sediments with frequent narrow beds of graphitic mudstones, largest of which are from 19.15-19.25m, 22.1-22.2m, 22.6-22.8m, 23.9-24.5. Ab shear from 21.95-22.1m, 22.2-22.45m, 23.5-23.7m, 24.3-24.4m. Bedding or foliation at 70 deg TCA</b>	70
<b>Structure</b>					
19.15	19.25	s6gp		wider bed of s6gp	
21.95	22.1	ab shear		ab shear	
22.1	22.2	s6gp		wider bed of s6gp	
22.2	22.45	ab shear		ab shear	
22.6	22.8	s6gp		wider bed of s6gp	
23.5	23.7	ab shear		ab shear	
23.9	24.5	s6gp		wider bed of s6gp	
24.3	24.4	ab shear		ab shear	
<b>Alteration</b>					
19.25		bt		weak bt alt throughout	
20.25	20.35	bt		band of strong bt alt	
21.95	22.1	ab		ab shear	
22.2	22.6	ab		ab shear + ab alt around shear	
23.5	23.9	ab		ab shear + ab alt around shear	
23.65	24.55	tr		bands and patches of tremolaite - actinolite alt, similar to victoria and lalonde trenchin	
24.3	24.4	ab		ab shear + ab alt around shear	
<b>Mineralization</b>					
19.15	19.25	py,po,sph,cpy		trace cpy, 2-5% fine to med stringers of py,po, trace sph blebs (1-2mm)	
19.25	21.95	py		fine trace to 1% py and rare stringers	
21.95	22.45	py,po,sph,cpy		2-3% sulfide overall, rare 0.5-1cm py nodules with po cores. Clots and stringers	
22.45	23.1	py		fine trace to 1% py and rare stringers	
23.1	23.15	py,po,sph		narrow band of strong 1-3% sulfide min in narrow ab band, fine stringers along fol	
23.5	24.55	py,po,cpy,sph		frequent bands of 1-3% fine to med py-po stringers/lots with traces of cpy and sph, more concentrated within ab alt bands / ab shear bands	
24.55	32.2	ab shear	ab shear	<b>Zone of primarily ab shear or ab alteration with occasional narrow beds of pontiac seds (s3) and ultramafic v4. The ultramafics start after 30.15m. Ab shear bands are pale grey-brownish in colour, often well mineralized, take on a red hue after 30.15m. Pontiac seds present from 27.1-27.4m, 27.5-27.85m, 28-29.2m. V4 ultramafic 27.85-28m, 30.75-37.7m, 31.95-32.05m. Narrow band of calc-silicate from 30.9-31.1m. Bedding / foliation mainly at 65deg TCA, but shallows to 45deg from 30-30.75m.</b>	65
<b>Structure</b>					
27.1	27.4	ca		frequent 1-3mm carb stringers mainly oriented 65deg tca, conc to fol, but occasional irregular orientations present at various angles	65
28	29.2	ca		frequent 1-3mm carb stringers mainly oriented 65deg tca, conc to fol, but occasional irregular orientations present at various angles	
30	31.7	qz-ca		frequent 1-3mm qz-ca stringers throughout, conc to fol	65
30.9	31.1	calc-sil		narrow calc-sil band with 2mm red garnets and frequent qb veinlets conc to fol at 70deg TCA, pervasive carb alt throughout	70
<b>Alteration</b>					
24.55	32.2	ab		weak to strong ab alt, strongest in ab-shear bands - strongest 24.55-27.6m, 29.05-30.75m, 31.7-32.2m	
24.55	27.6	tr		patches of tr - act needles / blades within bands of ab shear	
30.9	31.1	calc-sil		narrow band of calc-sil, 1-3mm red garnets present around ca-ab blebs and stringers	
<b>Mineralization</b>					
24.55	27.85	py,po,sph,cpy		2-3% sulfide overall, locally up to 5%, present as fine stringers and med clots. Trace cpy.	
29.35	32.2	py,po,sph,cpy		3-4% sulfide overall, locally up to 7%, present as frequent fine to med stringers and med to extremely coarse clots. Coarse clot at 30.15m. Core takes on a red hue from 30.15m to end of the unit, liekly due to elevated sphalerite concentration	
32.2	160.5	v4		<b>Ultramafic, dark green, non magnetic to weak patchy mag, weakly foliated at 70deg TCA, flow tops are brecciated and biotitized. Band of mafic volcanic v3 40.2-41.25m dark grey-green with carb stringers/veinlets brecciated the mafics. Becomes darker green after 69m. becomes very weakly foliated after 69m.</b>	
<b>Structure</b>					
36.15	36.25	blocky		blocky core	
39.15	39.2	grind		ground core, chlorite mud	
56.15	56.2	blocky		blocky core	
56.6	69	qz-ca		numerous fine qz-ca stringers and veinlets in random orientation	

56.7	56.8	qz-ca	10cm qz ca and muscovite veinlet conc to fol at 35deg TCA	35
57.6	57.7	blocky	blocky core	
60	61.1	qz-ca	occasional 1-10cm qz-ca-ms veinlets conc to fol at 35deg TCA	35
61	61.2	blocky	blocky core	
62.4	62.5	blocky	blocky core	
69	>72.5	fol	foliation becomes much weaker after 69m, very steep at 80-85deg TCA	85
80.1	80.45	blocky	blocky core	
90.3	90.45	blocky	blocky core	
96.2	96.25	mud	chlorite mud	
99	99.15	blocky	blocky core	
100	100.3	blocky	blocky core	
107.7	108.05	blocky	blocky core	
117.9	118	blocky	blocky core	
119.5	119.8	blocky	blocky core	
130.4	130.9	blocky	blocky core, chlorite mud	
133.8	133.95	blocky	blocky core, chlorite mud	
140.15	140.25	blocky	blocky core	
142.15	142.2	blocky	blocky core	
144.9	145.1	blocky	blocky core, chlorite mud	
146	147	blocky	blocky core	
156	157.2	blocky	blocky core, chlorite mud	
159	159.1	blocky	blocky core	
<b>Alteration</b>				
32.2	160.5	chl	weak chlorite alt throughout	
32.2	41.25	bt	weak biotitization overall, mod to strong within flow tops. Very strong from 38.85-39.15m.	
41.25	42.2	talc	talc alt	
69	78	bt	mod biotitization throughout,	
81	119	bt	weak to mod biotitization throughout as patches and bands, strongest 84-85m	
121.7	160.5	bt	weak to mod biotitization throughout, strongest 145.1->146.7m	
127.5	160.5	talc	mod talc alt	
<b>Mineralization</b>				
39	39.6	py	trace fine py cubes along fracture planes	
42.5	44	po	trace up to 1% fine to med po	
71.85	71.9	po	1-3mm py-po stringers along fracture, oriented 90deg TCA	90
71.9	73.6	po	trace fine to med po	
84	85	po	trace fine to med po	
109.5	109.8	py	1% fine to med diss py throughout	
<b>160.5</b>	<b>194.6</b>	<b>qfp</b>	<b>Light greyish granodiorite, qz-bt-feldspar assemblage, similar to one seen in eastern N-S crosscut of Victoria main trench. No visible sulphide, 2-3% 1-5cm white qvs throughout, generally oriented 60deg TCA, sharp upper contact at 45 deg TCA, weak foliation outlined by biotite/driotic groundmass at 60 deg TCA. Becomes greenish-grey in colour after 167m. Wide contact zone with underlying ultramafics from 188.5-194.6m, bands of flow top bx v4 from 189.35-189.7m, 189.85-190.45m, 192.25-193.35m, 193.85-194.1m. granodiorite within contact zone is glassy and fine to very fine grained</b>	<b>60</b>
<b>Structure</b>				
173.95	174.1	qv	10cm white qv, sharp contacts at 50deg TCA, slight alteration halo around vein. Contains coarse clots of po + clotty tourmaline	50
189.35	189.7	bx	<b>flow top bx in v4 umaf</b>	
189.85	190.45	bx	<b>flow top bx in v4 umaf</b>	
192.25	193.35	bx	<b>flow top bx in v4 umaf</b>	
193.85	194.1	bx	<b>flow top bx in v4 umaf</b>	
<b>Alteration</b>				
160.5	194.6	bt	weak to mod biotitization throughout, seen as 0.5-1mm bt specs throughout	
160.5	194.6	tr	weak to mod tremolite throughout, seen as 0.5-1mm tr needles throughout	
167.15	167.25	sil	band or zone of strong sil, finer grained, grey colour, possibly albitized?	
168.4	168.7	sil	band or zone of strong sil, finer grained, grey colour, possibly albitized?	
170.7	170.8	sil	band or zone of strong sil, finer grained, grey colour, possibly albitized?	
189.35	189.7	bt	<b>bt alt through v4 umaf, flow top bx</b>	
189.85	190.45	bt	<b>bt alt through v4 umaf, flow top bx</b>	
192.25	193.35	bt	<b>bt alt through v4 umaf, flow top bx</b>	
193.85	194.1	bt	<b>bt alt through v4 umaf, flow top bx</b>	
<b>Mineralization</b>				
173.95	174.1	po	trace coarse clots of po in 10cm qv	
194.1	194.6	py	trace to 1% fine diss py	
<b>194.6</b>	<b>205.6</b>	<b>v4</b>	<b>Ultramafic, dark green, non magnetic to weak patchy mag, weakly foliated at 70deg TCA, flow tops are brecciated and biotitized. Biotitization increases towards bottom of unit.</b>	<b>70</b>
<b>Structure</b>				
187.1	187.25	qfp	narrow band/vein of qfp as above	
197.25	198	blocky	blocky core	
<b>Alteration</b>				
194.6	197.4	bt	weak to mod bt alt overall, strongest from 194.6-195.3m, flow top	
200.4	205.6	bt	mod to strong biotitization towards bottom of unit	
<b>205.6</b>	<b>210</b>	<b>s6gp</b>	<b>Graphitic mudstone overall with narrow bands of ultramafics from 206.8-207m, 207.35-207.75m, 208.65-28.7m, 208.8-208.9m, 209.05-209.1m, 209.25-209.3m. Bedding or foliation at 70 deg TCA</b>	<b>70</b>
<b>Structure</b>				
206.8	207	v4	narrow band of bt alt umaf or very strong chl alt??	
207.35	207.75	v4	narrow band of bt alt umaf or very strong chl alt??	
208.65	208.7	v4	narrow band of bt alt umaf or very strong chl alt??	
208.8	208.9	v4	narrow band of bt alt umaf or very strong chl alt??	

<b>209.05</b>	209.1	v4	narrow band of bt alt umaf or very strong chl alt??	
209.25	209.3	v4	narrow band of bt alt umaf or very strong chl alt??	
<b>Alteration</b>				
206.8	207	chl, bt, carb	chl alt v4 or sed, weak bt alt, weak carb alt	
207.35	207.75	chl, bt, carb	chl alt v4 or sed, weak bt alt, weak carb alt	
208.65	208.7	chl, bt, carb	chl alt v4 or sed, weak bt alt, weak carb alt	
208.8	208.9	chl, bt, carb	chl alt v4 or sed, weak bt alt, weak carb alt	
<b>209.05</b>	209.1	chl, bt, carb	chl alt v4 or sed, weak bt alt, weak carb alt	
209.25	209.3	chl, bt, carb	chl alt v4 or sed, weak bt alt, weak carb alt	
<b>Mineralization</b>				
205.6	210	py,po,sph	1-3% py,po,sph in fine to med stringers up to 3mm thick, conc to bedding, throughout the graphitic mudstones. Chl-v4 bands are unmineralized.	70
<b>210</b>	<b>240</b>	<b>s3</b>	<b>Pontiac sediments with narrow bands of chloritized/ amphibolized and biotitized ultramafics with sharp contact conc to bedding of 70 deg TCA at 213.7-213.85m, 214.1-214.15m, 214.4-214.8m, 219.95-220.4m, 223.4-223.85m, 230.95-231.1m, 231.95-232.25m, 234.5-234.7m and 235.95-236.25m</b>	
<b>Structure</b>				
213.7	213.85	v4	chl/amph v4, sharp contacts	
214.1	214.15	v4	chl/amph v4, sharp contacts	
214.4	214.8	v4	chl/amph v4, sharp contacts	
219.95	220.4	v4	chl/amph v4, sharp contacts	
222.75	222.8	qv	narrow qv conc to fol with coarse bt and py	70
223.4	223.85	v4	chl/amph v4, sharp contacts	
224.25	224.3	qv	narrow qv conc to fol with coarse bt and py	
225.9	225.95	qv	narrow qv conc to fol with coarse bt and py	
230.95	231.1	v4	chl/amph v4, sharp contacts	
231.95	232.25	v4	chl/amph v4, sharp contacts	
234.5	234.7	v4	chl/amph v4, sharp contacts	
236.95	236.25	v4	chl/amph v4, sharp contacts	
<b>Alteration</b>				
213.7	213.85	chl,bt,amph	weak to mod chl alt, weak bt alt	
214.1	214.15	chl,bt,amph	weak to mod chl alt, weak bt alt	
214.4	214.8	chl,bt,amph	weak to mod chl alt, weak bt alt	
219.95	220.4	chl,bt,amph	weak to mod chl alt, weak bt alt	
223.4	223.85	chl,bt,amph	weak to mod chl alt, weak bt alt	
228.4	228.45	ab	weak ab alt in band within sediments	
230.95	231.1	chl,bt,amph	weak to mod chl alt, weak bt alt	
231.95	232.25	chl,bt,amph	weak to mod chl alt, weak bt alt	
234.5	234.7	chl,bt,amph	weak to mod chl alt, weak bt alt	
236.95	236.25	chl,bt,amph	weak to mod chl alt, weak bt alt	
<b>Mineralization</b>				
222	230	py	trace fine py along bedding, 1-2% fine to med diss py in qvs from 222.75-222.8m, 224.25-224.3m, 225.9-225.95m and in ab band 228.4-228.45m.	
236.95	236.25	py,po	trace to 1% fine diss py-po	

SAMPLES			Surimeau - November 2022							SUR-22-32		PAGE: 4	
Sample	From m	To m	Length	DESCRIPTION	Litho Simple								
96879	10.5	12	1.50	s3/ca	s3								
96880	12	13.5	1.50	s3/	s3								
96881	13.5	15	1.50	s3/ca	s3								
96882	15	16.5	1.50	s3/cord	s3								
96883	16.5	18	1.50	s3/cord	s3								
96884	18	19.15	1.15	s3/cord+py+bt	s3								
96885	19.15	20.15	1.00	s6gp/s3+cpy+py+po+sph	s6gp								
96886	20.15	21	0.85	s6gp/s3+cpy+py+po+sph	s6gp								
96887	21	21.95	0.95	s6gp/s3+cpy+py+po+sph	s6gp								
96888	21.95	22.6	0.65	ab shr/s6gp+po+cpy+sph+bt	ab shr								
96889	22.6	23.7	1.10	s3/ab shr+py+po+cpy	s3								
96890	23.7	24.55	0.85	s6gp/ab shear+py+po+sph+cpy	s6gp								
96891	24.55	25.55	1.00	ab shear/py+po+sph+cpy+act	ab shear								
96892			0.00	Quarter cut		#N/A							
96893	25.55	26.2	0.65	ab shear/py+po+sph+cpy+act	ab shear								
96894	26.2	27.1	0.90	ab shear/py+po+sph+cpy+act	ab shear								
96895			0.00	Coarse reject		#N/A							
96896	27.1	27.85	0.75	s3/ab shear+ab+py+po	s3								
96897	27.85	28.5	0.65	s3/ca str+ab+v4	s3								
96898	28.5	29.35	0.85	s3/ab+py+po+chl+act	s3								
96899	29.35	30.75	1.40	ab shr/py+po+sph+cpy+vuggy	ab shr								
96900	30.75	31.7	0.95	v4/po+garnet	v4								
96901	31.7	32.2	0.50	ab shr/v4+py+po+sph+vuggy	ab shr								
96902			0.00	Blank		#N/A							
96903	32.2	33	0.80	v4/py str+po	v4								
96904	33	34.5	1.50	v4/bt	v4								
96905	34.5	36	1.50	v4/bt	v4								
96906	36	37.5	1.50	v4/bt	v4								
96907	37.5	38.85	1.35	v4/bt	v4								
96908	38.85	40.2	1.35	v4/bt+chl grnd	v4								
96909	40.2	41.25	1.05	v3/bt	v3								
96910	41.25	42.5	1.25	v4/talc	v4								
96911	42.5	44	1.50	v4/po	v4								
96912			0.00	Coarse reject		#N/A							
96913	44	45.5	1.50	v4/	v4								
96914	45.5	47	1.50	v4/	v4								
96915			0.00	Quarter Cut		#N/A							
96916	47	48.5	1.50	v4/	v4								
96917	48.5	50	1.50	v4/	v4								
96918	50	51.5	1.50	v4/	v4								
96919	51.5	53	1.50	v4/	v4								
96920	53	54.5	1.50	v4/	v4								
96921	54.5	56	1.50	v4/	v4								
96922			0.00	Blank		#N/A							

96923	56	57	1.00 v4/ms ca veinlets	v4	
96924	57	58.5	1.50 v4/	v4	
96925	58.5	60	1.50 v4/	v4	
96926	60	61	1.00 v4/ca ms	v4	
96927	61	62	1.00 v4/ca ms	v4	
96928	62	63	1.00 v4/ca ms	v4	
96929	63	64.5	1.50 v4/ca ms	v4	
96930	64.5	66	1.50 v4/ca ms	v4	
96931	66	67.5	1.50 v4/cumulate	v4	
96932	67.5	69	1.50 v4/cumulate	v4	
96933	69	70.5	1.50 v4/	v4	
96934	70.5	72	1.50 v4/bt bx	v4	
96935	72	73.5	1.50 v4/	v4	
96936	73.5	75	1.50 v4/	v4	
96937	75	76.5	1.50 v4/bt bx	v4	
96938	76.5	78	1.50 v4/bt	v4	
96939	78	79.5	1.50 v4/	v4	
96940	79.5	81	1.50 v4/	v4	
96941	81	82.5	1.50 v4/	v4	
96942			0.00 Quarter cut		#N/A
96943	82.5	84	1.50 v4/bt	v4	
96944	84	85.5	1.50 v4/bt	v4	
96945			0.00 Coarse reject		#N/A
96946	85.5	87	1.50 v4/bt	v4	
96947	87	88.5	1.50 v4/ca str	v4	
96948	88.5	90	1.50 v4/ca str	v4	
96949	90	91.5	1.50 v4/bt	v4	
96950	91.5	93	1.50 v4/	v4	
96951	93	94.5	1.50 v4/	v4	
96952			0.00 Blank		#N/A
96953	94.5	96	1.50 v4/	v4	
96954	96	97.5	1.50 v4/bt	v4	
96955			0.00 Standard		#N/A
96956	97.5	99	1.50 v4/	v4	
96957	99	100.5	1.50 v4/bt	v4	
96958	100.5	102	1.50 v4/ca str	v4	
96959	102	103.5	1.50 v4/ca str	v4	
96960	103.5	105	1.50 v4/ca str	v4	
96961	105	106.5	1.50 v4/ca str	v4	
96962			0.00 Coarse reject		#N/A
96963	106.5	108	1.50 v4/	v4	
96964	108	109.5	1.50 v4/	v4	
96965	109.5	111	1.50 v4/bt	v4	1/4 cut missed
96966	111	112.5	1.50 v4/bt	v4	
96967	112.5	114	1.50 v4/	v4	
96968	114	115.5	1.50 v4/	v4	
96969	115.5	116.9	1.40 v4/	v4	
96970	116.9	117.9	1.00 v4/bt	v4	



96971	117.9	119	1.10 v4/bt	v4	
96972			0.00 Blank		#N/A
96973	119	120.5	1.50 v4/bt	v4	
96974	120.5	121.7	1.20 v4/	v4	
96975	121.7	123	1.30 v4/bt	v4	
96976	123	124.5	1.50 v4/bt	v4	
96977	124.5	126	1.50 v4/bt	v4	
96978	126	127.5	1.50 v4/bt	v4	
96979	127.5	129	1.50 v4/bt+talc	v4	
96980	129	130.4	1.40 v4/bt+talc	v4	
96981	130.4	131.5	1.10 v4/bt+talc+chl mud	v4	
96982	131.5	133	1.50 v4/talc	v4	
96983	133	134.5	1.50 v4/talc	v4	
96984	134.5	136	1.50 v4/talc	v4	
96985	136	137.5	1.50 v4/talc	v4	
96986	137.5	139	1.50 v4/talc	v4	
96987	139	140.5	1.50 v4/talc	v4	
96988	140.5	142	1.50 v4/talc	v4	
96989	142	143	1.00 v4/bt+chl+talc	v4	
96990	143	144	1.00 v4/bt+chl+talc	v4	
96991	144	145.1	1.10 v4/bt+chl+talc	v4	
96992			0.00 Quarter cut		#N/A
96993	145.1	146	0.90 v4/bt+chl+talc	v4	
96994	146	147	1.00 v4/bt+chl+talc	v4	
96995			0.00 Coarse reject		#N/A
96996	147	148.5	1.50 v4/bt+chl+talc	v4	
96997	148.5	150	1.50 v4/bt+chl+talc	v4	
96998	150	151.5	1.50 v4/bt+chl+talc	v4	
96999	151.5	153	1.50 v4/bt+chl+talc	v4	
97000	153	154.5	1.50 v4/bt+chl+talc	v4	
97001	154.5	156	1.50 v4/bt+chl+talc	v4	
97002			0.00 Blank		#N/A
97003	156	157.5	1.50 v4/bt+chl+talc	v4	
97004	157.5	159	1.50 v4/bt+chl+talc	v4	
97005	159	160.5	1.50 v4/bt+chl+talc	v4	
97006	160.5	161	0.50 qfp_dio/	qfp_dio	
97007	161	162	1.00 qfp_dio/	qfp_dio	
97008	167	168	1.00 qfp_dio/ab-sil band	qfp_dio	
97009	173.5	174.5	1.00 qfp_dio/qv+py+tour	qfp_dio	
97010	187.5	188.5	1.00 qfp_dio		#N/A
97011	188.5	189.35	0.85 qfp_dio		#N/A
97012			0.00 Coarse reject		#N/A
97013	189.35	190.45	1.10 v4/qfp_dio+bt+bx	v4	
97014	190.45	191.5	1.05 qfp_dio		#N/A
97015			0.00 Quarter Cut		#N/A
97016	191.5	192.25	0.75 qfp_dio/v4+bt	qfp_dio	
97017	192.25	193.35	1.10 v4/bt	v4	
97018	193.35	194.1	0.75 qfp_dio/v4+bt	qfp_dio	

97019	194.1	194.6	0.50 qfp_dio		#N/A
97020	194.6	196	1.40 v4/bt+chl	v4	
97021	196	197.1	1.10 v4/bt+chl	v4	
97022			0.00 Blank		#N/A
97023	197.1	198	0.90 v4/bt+qfp_dio	v4	
97024	198	199.5	1.50 v4/	v4	
97025	199.5	201	1.50 v4/	v4	
97026	201	202.5	1.50 v4/chl+bt	v4	
97027	202.5	204	1.50 v4/chl+bt	v4	
97028	204	204.9	0.90 v4/chl+bt	v4	
97029	204.9	205.6	0.70 v4/chl+bt	v4	
97030	205.6	207	1.40 s6gp/py+po+sph	s6gp	
97031	207	208.5	1.50 s6gp/py+po+sph+v4 bands with chl+bt alt	s6gp	
97032	208.5	210	1.50 s6gp/py+po+sph+v4 bands with chl+bt alt	s6gp	
97033	210	211	1.00 s3/bt	s3	
97034	222	223	1.00 s3/qv+py+bt	s3	
97035	223	224	1.00 s3/v4 band + qv+py+bt	s3	
97036	224	225.5	1.50 s3/qv+py+bt	s3	
97037	225.5	227	1.50 s3/qv+py	s3	
97038	227	228.5	1.50 s3/qv+py	s3	
97039	228.5	230	1.50 s3/	s3	
97040	230	231.5	1.50 s3/v4 or chl bands + py	s3	
97041	231.5	233	1.50 s3/v4 or chl bands + py	s3	
97042			0.00 Quarter cut		#N/A
97043	233	234.5	1.50 s3/	s3	
97044	234.5	235.95	1.45 s3/chl or v4 band	s3	
97045			0.00 Coarse reject		#N/A
97046	235.95	237	1.05 s3/chl or v4 band	s3	
97047	237	238	1.00 s3/	s3	

Box Lengths					Surimeau - November 2022					SUR-22-32		PAGE: 5	
DDH	Box Number	From m	To m	Box Length	DDH	Box Number	From m	To m	Box Length				
SUR-22-32	1	5.7	10.15	4.45									
SUR-22-32	2	10.15	14.8	4.65									
SUR-22-32	3	14.8	19.25	4.45									
SUR-22-32	4	19.25	23.7	4.45									
SUR-22-32	5	23.7	27.05	3.35									
SUR-22-32	6	27.05	32.65	5.6									
SUR-22-32	7	32.65	36.9	4.25									
SUR-22-32	8	36.9	41.3	4.4									
SUR-22-32	9	41.3	45.55	4.25									
SUR-22-32	10	45.55	50.9	5.35									
SUR-22-32	11	50.9	54.45	3.55									
SUR-22-32	12	54.45	59	4.55									
SUR-22-32	13	59	63.3	4.3									
SUR-22-32	14	63.3	67.6	4.3									
SUR-22-32	15	67.6	72.05	4.45									
SUR-22-32	16	72.05	76.5	4.45									
SUR-22-32	17	76.5	81	4.5									
SUR-22-32	18	81	85.4	4.4									
SUR-22-32	19	85.4	89.95	4.55									
SUR-22-32	20	89.95	94.5	4.55									
SUR-22-32	21	94.5	98.8	4.3									
SUR-22-32	22	98.8	103.1	4.3									
SUR-22-32	23	103.1	107.55	4.45									
SUR-22-32	24	107.55	111.9	4.35									
SUR-22-32	25	111.9	116.35	4.45									
SUR-22-32	26	116.35	120.6	4.25									
SUR-22-32	27	120.6	125.1	4.5									
SUR-22-32	28	125.1	129.45	4.35									
SUR-22-32	29	129.45	133.8	4.35									
SUR-22-32	30	133.8	138.1	4.3									
SUR-22-32	31	138.1	142.45	4.35									

SUR-22-32	32	142.45	146.8	4.35
SUR-22-32	33	146.8	151.5	4.7
SUR-22-32	34	151.5	155.55	4.05
SUR-22-32	35	155.55	159.9	4.35
SUR-22-32	36	159.9	164.3	4.4
SUR-22-32	37	164.3	168.6	4.3
SUR-22-32	38	168.6	173.05	4.45
SUR-22-32	39	173.05	177.55	4.5
SUR-22-32	40	177.55	181.9	4.35
SUR-22-32	41	181.9	186.2	4.3
SUR-22-32	42	186.2	190.8	4.6
SUR-22-32	43	190.8	195.1	4.3
SUR-22-32	44	195.1	199.5	4.4
SUR-22-32	45	199.5	204	4.5
SUR-22-32	46	204	208.5	4.5
SUR-22-32	47	208.5	212.9	4.4
SUR-22-32	48	212.9	217.3	4.4
SUR-22-32	49	217.3	221.8	4.5
SUR-22-32	50	221.8	226.1	4.3
SUR-22-32	51	226.1	230.6	4.5
SUR-22-32	52	230.6	235	4.4
SUR-22-32	53	235	239.4	4.4
SUR-22-32	54	239.4	240	0.6

EOH

RQD			Surimeau - November 2022		SUR-22-32		PAGE: 3	
FROM	TO	Length Core Run	$\Sigma$ pieces >10cm	RQD %				
6	9	3	2.3	76.67				
9	12	3	2.6	86.67				
12	15	3	2.8	93.33				
15	18	3	2.75	91.67				
18	21	3	2.9	96.67				
21	24	3	2.9	96.67				
24	27	3	3	100.00				
27	30	3	2.3	76.67				
30	33	3	2.7	90.00				
33	36	3	2.65	88.33				
36	39	3	2.45	81.67				
39	42	3	1.8	60.00				
42	45	3	2.8	93.33				
45	48	3	2.55	85.00				
48	51	3	3	100.00				
51	54	3	2.8	93.33				
54	57	3	2.5	83.33				
57	60	3	2.7	90.00				
60	63	3	1.6	53.33				
63	66	3	2.9	96.67				
66	69	3	2.9	96.67				
69	72	3	2.9	96.67				
72	75	3	2.9	96.67				
75	78	3	2.9	96.67				
78	81	3	2.6	86.67				
81	84	3	2.6	86.67				
84	87	3	2.7	90.00				
87	90	3	2.95	98.33				
90	93	3	2.7	90.00				
93	96	3	3	100.00				
96	99	3	2.7	90.00				
99	102	3	2.25	75.00				
102	105	3	2.85	95.00				
105	108	3	2.75	91.67				
108	111	3	2.7	90.00				

111	114	3	2.9	96.67
114	117	3	2.8	93.33
117	120	3	2.75	91.67
120	123	3	2.5	83.33
123	126	3	2.8	93.33
126	129	3	2.9	96.67
129	132	3	2.4	80.00
132	135	3	2.9	96.67
135	138	3	2.6	86.67
138	141	3	2.45	81.67
141	144	3	2.2	73.33
144	147	3	2.45	81.67
147	150	3	2.85	95.00
150	153	3	2.8	93.33
153	156	3	2.2	73.33
156	159	3	2.5	83.33
159	162	3	2.8	93.33
162	165	3	3	100.00
165	168	3	3	100.00
168	171	3	3	100.00
171	174	3	3	100.00
174	177	3	3	100.00
177	180	3	3	100.00
180	183	3	3	100.00
183	186	3	2.7	90.00
186	189	3	2.3	76.67
189	192	3	2.8	93.33
192	195	3	2.2	73.33
195	198	3	2.2	73.33
198	201	3	2.2	73.33
201	204	3	2.9	96.67
204	207	3	2.6	86.67
207	210	3	2.95	98.33
210	213	3	3	100.00
213	216	3	2.9	96.67
216	219	3	2.9	96.67
219	222	3	2.7	90.00
222	225	3	3	100.00
225	228	3	2.85	95.00
228	231	3	3	100.00

231	234	3	2.9	96.67
234	237	3	3	100.00
237	240	3	2.6	86.67

EOH





## Minroc Management

FROM	TO	LITHO	LITHO SIMPLE	Angle TCA
0	3.55	OB	Overburden	
3.55	40.4	s3	Pontiac sediments , bedding at 70 deg TCA , corderite zones from 15.6-17.5,26.6-26.9,35-36.6m ,bands of mafic volcanic from 6.9-7.3,10.9-11.35, 24.05-24.45,28.85-28.95,29.05-29.15,34.3-34.5 m. These bands are chloritized. Possible lamprophyre from 23.6-23.7,23.8-23.9,27.9-28m. Numerous qz-ca,ca , qz veinlets and stringers throughout. <b>Contact zone between overlying sed and underlying ultramafics from 39-40.4m is mixed sed and v4 and is very well mineralized from 39-39.7m, magnetic.</b>	65
<b>Structure</b>				
10.8	10.85	qv	qz with sharp margins at 70 deg TCA , grain of moly within	
29.4	29.5	qz-ab	qz ab veinlet with sulphide, vein is blebby ,	
30.3	30.35	qz-ab	qz-ab blebby vein , clotty py , po trace cpy	
32	32.15	blocky	blocky core	
<b>Altertion</b>				
3.55	40.4	bt	mod biotite throughout , stronger around v3 contacts and within lamprohyre	
30.3	30.6	ab	weak pervasive albitization around qz-ab veinlets with sulphide	
<b>Mineralization</b>				
6.9	7.3	py	trace py within band mafic volcanic	
10.8	10.85	mo	tiny flake of molybdenite	
28	29.5	py,po	trace py, po , upto 1% diss within veinlet at 29.4-29.5m	
30.3	30.6	py,po	trace py, po , upto 1% diss within veinlet at 30.3-30.35m	
39	39.7	py,po,sph,cpy	20% sulfide overall through interval, 0.5-1cm stringers along foliation.	65
40.4	48.45	v4	Ultramafic, mod foliation at 65deg TCA. Upper contact is gradual with alteration greenish and white carbonate bands and occasional retro garnets from 40.4-42.9m, possibly calc-sil?, overall biotitized and tremolite altered, blue-green-brown colour. Flow top from 40.4-45.15m. Weak to mod mag.	65
<b>Structure</b>				
40.4	42.9	ca	frequent 0.5-2cm ca veinlets oriented 75deg TCA, rarely brecciated	
<b>Alteration</b>				
40.4	42.9	carb, bt, tr	carbonatized through upper contact one, biotitized and tremolite altered	
42.9	48.45	bt, tr	mod bt and tr alt throughout, strongest at upper and lower contact areas.	
<b>Mineralization</b>				
42.9	42.9	py,po,pent,cpy	narrow band of 1-3cm sulfide stringers/veinlets, semi-massive, etched contact with host v4.	
48.45	55.75	calc sil	Wide zone of calc silicate alteration, upper contact zone is gradual with biotite on the maf side (upper side). Overall strong blue-green colour, mod fol at 70deg TCA, well mineralized overall. Gradual lower contact to ab shear band. Cr-diopside present from 51.1-54.9m but most intense from 52.2-53.5m. Mod to strong mag	70
<b>Alteration</b>				
48.45	48.55	ab	band of strong ab alt at top contact	
48.45	55.75	calc sil	calc silicate alteration of v4, strongest and most intense from 51.1-54.9m	
51.1	54.9	cr dio	cr dio, bright green, present throughout	
54.9	55.75	bt	weak to mod biotite alt at bottom contact, increasing intensity approaching bottom contact.	
<b>Mineralization</b>				
48.45	55.75	py,po,pent,sph,cpy	Very well mineralized throughout with 7-10% sulfide, locally up to 20% with frequent mm-scale stringers and semi-massive beds up to 5cm thick, concordant to foliation, locally disseminated up to 3% sulfide.	
55.75	56.5	ab shear	Ab shear band / strong ab alteration, fine grained but bedded/foliated at 65deg TCA, resembles chert, green tremolite bands throughout, patchy biotitization throughout, dark grey-green bands alongside paler creamy-brown-red bands.	65
<b>Alteration</b>				
55.75	56.5	ab,tr,bt	ab alt throughout, resembles bands of chert, frequent dark bands of tremolite and patches of biotitization	
<b>Mineralization</b>				
55.75	56.5	py,po,pent,sph	5-7% sulfide overall, disseminated and concordant stringers and clots	
56.5	230.35	v4	v4 umaf, dark green to blue-green in colour, massive to weakly foliated at 65deg TCA, dark green-blue colour overall. Patchy weak to mod mag. flow tops are brecciated and biotitized. Narrow bands of picrite/maf vol from 129.7-130.25m, 142.55-143.6m, 166-166.75m. Bottom contact zone of unit is weakly albitized, notably harder than before and darker green. Narrow QFP 228.5-228.6m.	65
<b>Structure</b>				
62.5	62.6	blocky	blocky core	
65.3	70.5	blocky	frequent patches of blocky core throughout	
92	92.05	mud	chlorite mud	
105.6	105.7	ca	10cm white calcite vein	
106.8	107.5	blocky	blocky core	
110.5	110.85	blocky	blocky core	
115.5	115.6	blocky	blocky core	
129.7	130.25	ca	0.5-1cm carb veinlets/stringers within maf vol	
142.55	143.6	ca	0.5-1cm carb veinlets/stringers within maf vol	
146.5	147	blocky	blocky core	
148.6	153.55	fault	fault zone, blocky overall, frequent narrow bands of chl mud, foliation strongly distorted and contorted	
166	166.75	ca	0.5-1cm carb veinlets/stringers	
171.4	171.6	blocky	blocky core	
175.9	176.4	blocky	blocky core, occasional narrow bands of chl mud	

180	180.1	blocky	blocky core	
180.85	181.7	blocky	blocky core	
188.4	188.75	ca	3-5cm down-hole oriented calcite vein	
189	191.5	ca	0.5-2cm carb veinlets, weak brecciation around veinlets	
192.4	195	fault	fault zone, blocky overall, frequent narrow bands of chl mud, foliation strongly distorted and contorted	
198	198.45	mud	chlorite mud, blocky	
201.65	201.75	blocky	blocky core	
208.9	209.15	mud	chlorite mud, possible fault zone	
209.15	213.4	ca	frequent 0.5-5cm ca veinlets randomly oriented, occasional brecciating the host ultramafics	
213.4	213.6	fault	narrow fault, strongly talc altered, muddy	
221.5	223	ca	frequent 0.5-1cm wispy ca veinlets and stringers, randomly oriented.	
<b>Alteration</b>				
56.5	80.7	tr, bt	weak to mod biotite and tremolite alt throughout, biotite alt strongest 56.5-63.5m, again from 69.5-70.5m.	
80.7	97.5	tr	tr alt throughout	
97.5	122.1	tr, bt	weak to mod biotite and tremolite alt throughout, biotite alt strongest	
102	104.7	carb	weak pervasive carb alt throughout	
113.2	116.8	carb	weak pervasive carb alt throughout	
122.1	125.85	tr	tr alt throughout	
125.85	155	bt	weak to mod biotite alt throughout	
144	228.5	talc	weak to mod talc alt, core often has a greasy feel, becomes weaker near bottom of interval. Very strong talc alt 208.9-213.6m.	
155	230.35	tr	tr alt throughout	
163.4	230.35	bt	weak to mod biotite alt throughout, strongest in flow tops	
192.4	195	chl	chl alt, mod to strong, fault zone	
<b>Mineralization</b>				
56.5	97.5	po	trace fine po throughout, locally up to 1% fine diss po from 64.65-66.5m.	
101.2	102	po	trace fine po throughout	
102	103.7	po,py,cpy	1-3% fine diss py,po and cpy throughout	
123	126	po	trace to very trace fine po	
171.6	174.6	po	trace fine to med po	
182.9	192.4	po	trace fine to med po	
195	196.5	po	trace to 1% fine to med diss po	
214.5	216	po,py	2-5% fine py-po stringers and clots along foliation	70
216	224.35	po,py	trace to locally 1% fine to med diss py-po	
224.35	226.5	py,po	1-3% fine to coarse diss py-po throughout, rare fine stringers along fractures	
226.5	230.35	py,po	trace to locally 1% fine to med diss py-po, 1-3% diss py-po from 229-230.35m.	
<b>230.35</b>	<b>238.75</b>	<b>s6gp</b>	<b>Graphitic mudstone overall with narrow bands of ultramafics from 230.4-230.45m, 230.5-230.7m, 230.95-231.15m, 231.8-231.9m, 232.5-232.65m, Bedding or foliation at 70 deg TCA, gradually changes from graphitic mudstone to fine grained metasediments (s6) with narrow graphitic beds towards bottom of unit.</b>	<b>70</b>
<b>Structure</b>				
230.4	230.45	v4	narrow band of bt alt umaf or very strong chl alt??	
230.5	230.7	v4	narrow band of bt alt umaf or very strong chl alt??	
230.95	231.15	v4	narrow band of bt alt umaf or very strong chl alt??	
231.8	231.9	v4	narrow band of bt alt umaf or very strong chl alt??	
232.5	232.65	v4	narrow band of bt alt umaf or very strong chl alt??	
236	238.75	qv	narrow, mm-scale wispy qz-ab stringers and veinlets, often contain chlorite cores/centers and hydrothermal alteration haloes around them.	
<b>Alteration</b>				
230.4	230.45	tr, chl, bt, carb	tr,chl, bt alt v4, patchy carb alt	
230.5	230.7	tr, chl, bt, carb	tr,chl, bt alt v4, patchy carb alt	
230.95	231.15	tr, chl, bt, carb	tr,chl, bt alt v4, patchy carb alt	
231.8	231.9	tr, chl, bt, carb	tr,chl, bt alt v4, patchy carb alt	
232.5	232.65	tr, chl, bt, carb	tr,chl, bt alt v4, patchy carb alt	
233.85	238.75	sil	zones of mod to strong silicification, stronger approaching bottom contact, almost cherty in some places. Possibly the result of hydrothermal alteration around frequent qz-ab-chl stringers and veinlets throughout the interval.	
<b>Mineralization</b>				
<b>230.35</b>	<b>230.4</b>	<b>py,po,sph</b>	<b>1-3% py,po,sph in fine to med stringers up to 3mm thick, conc to bedding, throughout the graphitic mudstones. Chl-v4 bands contain trace sulfide (py-po)</b>	<b>70</b>
230.4	238.75	py,po,sph	<b>1-3% py,po,sph in fine to med stringers and occasional disseminations throughout the graphitic mudstones, s6 sed and the ultramafic bands. Locally 5-7% in zones of strong silicification.</b>	
<b>238.75</b>	<b>276</b>	<b>s3</b>	<b>Pontiac sediments, occasionally shows graded bedding, meter-scale beds containing 1-5mm brown staurolite crystals, occasionally contains cordierite crystals. Cd-bt-ms assemblage. Occasional 1-5mm white concordant qv's throughout (less than 5% overall). With narrow bands of chloritized/ amphibolized and biotitized ultramafics with sharp contact conc to bedding of 70 deg TCA at 251.25-251.35m. 253.55-253.7m. 258.9-259.2m. 262.75-263.2m. 272.05-272.15m</b>	<b>70</b>
<b>Structure</b>				
238.75	240	qz	1-2mm wispy qz stringers throughout, oriented roughly 35deg TCA	35
251.25	251.35	v4	chl/amph v4, sharp contacts	
253.55	253.7	v4	chl/amph v4, sharp contacts	
258.9	259.2	v4	chl/amph v4, sharp contacts	
260.4	260.6	qz-ab	10cm qz-ab vein, clotty chl and po within vein	
<b>261.35</b>	<b>261.5</b>	<b>qz-ab</b>	<b>15cm qz-ab vein, clotty chl and calcite</b>	
262.75	263.2	v4	chl/amph v4, sharp contacts	
<b>272.05</b>	<b>272.15</b>	<b>v4</b>	<b>chl/amph v4, sharp contacts</b>	
<b>Alteration</b>				
<b>238.75</b>	<b>276</b>	<b>bt</b>	<b>bt alt throughout</b>	
251.25	251.35	chl,bt,amph	weak to mod chl alt, weak bt alt	
253.55	253.7	chl,bt,amph	weak to mod chl alt, weak bt alt	
258.9	259.2	chl,bt,amph	weak to mod chl alt, weak bt alt	
262.75	263.2	chl,bt,amph	weak to mod chl alt, weak bt alt	

272.05	272.15	chl, bt, amph	weak to mod chl alt, weak bt alt
<b>Mineralization</b>			
260.4	260.6	po	trace to 1% coarse clotty po within qv
261.35	261.5	po	trace to 1% coarse clotty po within qv
262.75	263.2	po	1-3% fine diss po within narrow v4

SAMPLES			Surimeau - November 2022							SUR-22-33		PAGE: 4	
Sample	From m	To m	Length	DESCRIPTION	Litho Simple								
97048	4.5	6	1.50	s3/bt	s3								
97049	6	7.5	1.50	s3/bt	s3								
97050	7.5	9	1.50	s3/bt	s3								
97051	9	10.5	1.50	s3/bt	s3								
97052			0.00	Blank	#N/A								
97053	10.5	12	1.50	s3/bt+qv+mo	s3								
97054	12	13	1.00	s3/bt	s3								
97055	24	25.5	1.50	s3/bt+v4+lamp	s3								
97056	25.5	27	1.50	s3/bt+v4	s3								
97057	27	28.5	1.50	s3/lamp	s3								
97058	28.5	29.5	1.00	s3/lamp+qv+po+py	s3								
97059	29.5	31	1.50	s3/lamp+qv+po+py	s3								
97060	31	32	1.00	s3/bt+v3	s3								
97061	32	33	1.00	s3	#N/A								
97062			0.00	Coarse reject	#N/A								
97063	33	34.5	1.50	s3/ca str	s3								
97064	34.5	36	1.50	s3/cd+bt	s3								
97065			0.00	Quarter Cut	#N/A								
97066	36	37.5	1.50	s3/bt+v4+cd	s3								
97067	37.5	39	1.50	s3/bt+v4+cd	s3								
97068	39	40.4	1.40	s3/v4 mix+ca+py+po+cpy	s3								
97069	40.4	41	0.60	s3/v4 mix+ca str+po	s3								
97070	41	42.2	1.20	calc sil/v4+qz ca str+tr+po	calc sil								
97071	42.2	42.9	0.70	calc sil/v4+qz ca str+tr+po	calc sil								
97072			0.00	Blank	#N/A								
97073	42.9	44.05	1.15	v4/bt+tr	v4								
97074	44.05	44.9	0.85	v4/bt+tr	v4								
97075	44.9	45.9	1.00	v4/bt+tr	v4								
97076	45.9	47.4	1.50	v4/bt+tr	v4								
97077	47.4	48.45	1.05	v4/bt+tr	v4								
97078	48.45	49	0.55	v4/calc sil+ab bands+bt+py+po+pent	v4								
97079	49	50.2	1.20	v4/calc sil+ab bands+bt+py+po+pent	v4								
97080	50.2	51.1	0.90	v4/calc sil+py+po+pent	v4								
97081	51.1	52.5	1.40	calc sil/tr+py+po+pent+cpy+cr dio	calc sil								
97082	52.5	53.5	1.00	calc sil/tr+py+po+pent+cpy+cr dio	calc sil								
97083	53.5	54.5	1.00	calc sil/tr+py+po+pent+cpy+cr dio	calc sil								
97084	54.5	55.75	1.25	calc sil/tr+py+po+pent+cpy+cr dio	calc sil								
97085	55.75	56.5	0.75	ab shear/ab+tr+py+po+cpy	ab shear								
97086	56.5	57.5	1.00	v4/tr	v4								
97087	57.5	58.5	1.00	v4/tr+bt	v4								
97088	58.5	60	1.50	v4/tr+bt	v4								
97089	60	61.5	1.50	v4/tr+bt	v4								
97090	61.5	63	1.50	v4/tr+bt	v4								
97091	63	64.5	1.50	v4/tr+bt	v4								

97092			0.00 Quarter cut		#N/A
97093	64.5	66	1.50 v4/tr	v4	
97094	66	67.5	1.50 v4/tr+bt+po	v4	
97095			0.00 Coarse reject		#N/A
97096	67.5	69	1.50 v4/tr+bt+po	v4	
97097	69	70.5	1.50 v4/bt+tr	v4	
97098	70.5	72	1.50 v4/tr	v4	
97099	72	73.5	1.50 v4/tr	v4	
97100	73.5	75	1.50 v4/	v4	
97101	75	76.5	1.50 v4/	v4	
97102			0.00 Blank		#N/A
97103	76.5	78	1.50 v4/	v4	
97104	78	79.5	1.50 v4/	v4	
97105			standard		#N/A
97106	79.5	81	1.50 v4/	v4	
97107	81	82.5	1.50 v4/	v4	
97108	82.5	84	1.50 v4/	v4	
97109	84	85.5	1.50 v4/	v4	
97110	85.5	87	1.50 v4/	v4	
97111	87	88.5	1.50 v4/	v4	
97112			0.00 Coarse reject		#N/A
97113	88.5	90	1.50 v4/	v4	
97114	90	91.5	1.50 v4/	v4	
97115			0.00 Quarter Cut		#N/A
97116	91.5	93	1.50 v4/tr	v4	
97117	93	94.5	1.50 v4/	v4	
97118	94.5	96	1.50 v4/	v4	
97119	96	97.5	1.50 v4/	v4	
97120	97.5	99	1.50 v4/tr	v4	
97121	99	100.5	1.50 v4/tr+ca	v4	
97122			0.00 Blank		#N/A
97123	100.5	102	1.50 v4/tr+ca	v4	
97124	102	103.5	1.50 v4/tr+bt+ca	v4	
97125	103.5	105	1.50 v4/tr+bt+ca	v4	
97126	105	106.5	1.50 v4/tr+bt+ca	v4	
97127	106.5	108	1.50 v4/tr+bt+ca	v4	
97128	108	109.5	1.50 v4/tr+bt	v4	
97129	109.5	111	1.50 v4/tr+bt	v4	
97130	111	112.5	1.50 v4/tr+bt	v4	
97131	112.5	114	1.50 v4/tr+bt+ca	v4	
97132	114	115.5	1.50 v4/bt	v4	
97133	115.5	117	1.50 v4/bt	v4	
97134	117	118.5	1.50 v4/bt+ca str	v4	
97135	118.5	120	1.50 v4/bt	v4	
97136	120	121.5	1.50 v4/bt	v4	
97137	121.5	123	1.50 v4/bt	v4	
97138	123	124.5	1.50 v4/tr py	v4	
97139	124.5	126	1.50 v4/ca	v4	

97140	126	127.5	1.50 v4/	v4	
97141	127.5	128.5	1.00 v4/ca	v4	
97142			0.00 Quarter cut		#N/A
97143	128.5	129.7	1.20 v4/	v4	
97144	129.7	130.25	0.55 v3/ca	v3	
97145			0.00 Coarse reject		#N/A
97146	130.25	131.5	1.25 v4/ca+bt	v4	
97147	131.5	133	1.50 v4/ca+bt	v4	
97148	133	134.5	1.50 v4/bt	v4	
97149	134.5	136	1.50 v4/ca str	v4	
97150	136	137.5	1.50 v4/ca str	v4	
97151	137.5	139	1.50 v4/bt	v4	
97152			0.00 Blank		#N/A
97153	139	140.5	1.50 v4/bt	v4	
97154	140.5	141.5	1.00 v4/bt+bx	v4	
97155	141.5	142.55	1.05 v4/bt	v4	
97156	142.55	143.6	1.05 v3/ca	v3	
97157	143.6	144.5	0.90 v4/bt	v4	
97158	144.5	146	1.50 v4/chl+bt	v4	
97159	146	147.5	1.50 v4/chl+bt	v4	
97160	147.5	148.6	1.10 v4/bt	v4	
97161	148.6	150	1.40 v4/fault zone	v4	
97162			0.00 Coarse reject		#N/A
97163	150	151.5	1.50 v4/fault zone	v4	
97164	151.5	152.5	1.00 v4/fault zone	v4	
97165			0.00 Quarter Cut		#N/A
97166	152.5	153.55	1.05 v4/fault zone	v4	
97167	153.55	155	1.45 v4/bt	v4	
97168	155	156.5	1.50 v4/	v4	
97169	156.5	158	1.50 v4/	v4	
97170	158	159.5	1.50 v4/	v4	
97171	159.5	161	1.50 v4/chl	v4	
97172			0.00 Blank		#N/A
97173	161	162.5	1.50 v4/bt	v4	
97174	162.5	164	1.50 v4/bt	v4	
97175	164	165	1.00 v4/bt	v4	
97176	165	166	1.00 v4/bt	v4	
97177	166	166.75	0.75 v4/ca str	v4	
97178	166.75	168	1.25 v4/	v4	
97179	168	169.5	1.50 v4/bt+chl	v4	
97180	169.5	171	1.50 v4/bt	v4	
97181	171	172.5	1.50 v4/tr	v4	
97182	172.5	174	1.50 v4/tr	v4	
97183	174	175	1.00 v4/tr	v4	
97184	175	176	1.00 v4/tr	v4	
97185	176	177	1.00 v4/bt+chl	v4	
97186	177	178.5	1.50 v4/bt+chl	v4	
97187	178.5	180	1.50 v4/	v4	

97188	180	181.5	1.50 v4/	v4	
97189	181.5	182.9	1.40 v4/tr	v4	
97190	182.9	184	1.10 v4/bt+tr	v4	
97191	184	185.5	1.50 v4/bt+tr	v4	
97192			0.00 Quarter cut		#N/A
97193	185.5	187	1.50 v4/tr	v4	
97194	187	188	1.00 v4/	v4	
97195			0.00 Coarse reject		#N/A
97196	188	189	1.00 v4/ca	v4	
97197	189	190.5	1.50 v4/ca str	v4	
97198	190.5	191.5	1.00 v4/ca str	v4	
97199	191.5	192.4	0.90 v4/ca str	v4	
97200	192.4	193.8	1.40 v4/bt+chl	v4	
97201	193.8	195	1.20 v4/bt+chl	v4	
97202			0.00 Blank		#N/A
97203	195	196.5	1.50 v4/	v4	
97204	196.5	198	1.50 v4/	v4	
97205	198	199.5	1.50 v4/chl	v4	
97206	199.5	200.6	1.10 v4/	v4	
97207	200.6	201.55	0.95 v4/tr	v4	
97208	201.55	202.8	1.25 v4/tr+bt+chl	v4	
97209	202.8	203.7	0.90 v4/ca	v4	
97210	203.7	204.7	1.00 v4/ca	v4	
97211	204.7	206	1.30 v4/tr+ca+catr	v4	
97212			0.00 Coarse reject		#N/A
97213	206	207.35	1.35 v4/tr+ca+ca str+bt	v4	
97214	207.35	208.35	1.00 v4/tr+ca+ca str+bt	v4	
97215			0.00 Quarter Cut		#N/A
97216	208.35	209.15	0.80 v4/chl+mud+bt+tr+ca	v4	
97217	209.15	210.5	1.35 v4/ca str+ca	v4	
97218	210.5	212	1.50 v4/ca+tr	v4	
97219	212	212.8	0.80 v4/ca+tr	v4	
97220	212.8	213.4	0.60 v4/ca+tr	v4	
97221	213.4	214.5	1.10 v4/tr+bt+talc	v4	
97222			0.00 Blank		#N/A
97223	214.5	216	1.50 v4/bt+tr+tr py-po	v4	
97224	216	217.5	1.50 v4/bt+tr+tr py-po	v4	
97225	217.5	218.5	1.00 v4/tr+bt+po	v4	
97226	218.5	220	1.50 v4/tr+bt+tr po	v4	
97227	220	221.5	1.50 v4/bt+tr	v4	
97228	221.5	223	1.50 v4/tr+bt+ca	v4	
97229	223	224.35	1.35 v4/tr+bt+ca	v4	
97230	224.35	225	0.65 v4/bt+tr+py	v4	
97231	225	226.5	1.50 v4/bt+tr+py	v4	
97232	226.5	227.5	1.00 v4/tr+bt+py+ca	v4	
97233	227.5	228.5	1.00 v4/tr+bt+py+ca	v4	
97234	228.5	229	0.50 v4/tr+ca+qfp	v4	
97235	229	230.35	1.35 v4/tr+bt+ca+tr py	v4	

97236	230.35	231.5	1.15 s6gp/v4+bt+tr+py+po+sph	s6gp	
97237	231.5	232.65	1.15 s6gp/v4+bt+tr+py+po+sph	s6gp	
97238	232.65	234	1.35 s6gp/py+po+sph	s6gp	
97239	234	235.5	1.50 s6/s6gp+sil+py+po+sph	s6	
97240	235.5	236.8	1.30 s6/s6gp+sil+py+po+sph	s6	
97241	236.8	237.75	0.95 s6/s6gp+sil+py+po+sph	s6	
97242			0.00 Quarter cut		#N/A
97243	237.75	238.75	1.00 s6/s6gp+sil+py+po+sph	s6	
97244	238.75	239.75	1.00 s3/ab or sil	s3	
97245			0.00 Coarse reject		#N/A
97246	239.75	240.5	0.75 s3/	s3	
97247	240.5	242	1.50 s3/bt	s3	
97248	260	261	1.00 s3/bt+qv+tr po	s3	
97249	261	262	1.00 s3/bt+qv+tr po	s3	
97250	262	262.75	0.75 s3/bt+qz str	s3	
97251	262.75	263.2	0.45 v4/chl+po+s3+bt	v4	
97252			0.00 Blank		#N/A
97253	263.2	264.3	1.10 s3/bt	s3	





Box Lengths			Surimeau - November 2022			SUR-22-33			PAGE: 5		
DDH	Box Number	From m	To m	Box Length	DDH	Box Number	From m	To m	Box Length		
SUR-22-33	1	0	7.75	7.75							
SUR-22-33	2	7.75	12	4.25							
SUR-22-33	3	12	16.4	4.4							
SUR-22-33	4	16.4	20.9	4.5							
SUR-22-33	5	20.9	25.3	4.4							
SUR-22-33	6	25.3	29.85	4.55							
SUR-22-33	7	29.85	34.25	4.4							
SUR-22-33	8	34.25	38.55	4.3							
SUR-22-33	9	38.55	42.9	4.35							
SUR-22-33	10	42.9	47.25	4.35							
SUR-22-33	11	47.25	51.7	4.45							
SUR-22-33	12	51.7	56.05	4.35							
SUR-22-33	13	56.05	60.35	4.3							
SUR-22-33	14	60.35	64.65	4.3							
SUR-22-33	15	64.65	69	4.35							
SUR-22-33	16	69	73.3	4.3							
SUR-22-33	17	73.3	77.75	4.45							
SUR-22-33	18	77.75	82	4.25							
SUR-22-33	19	82	86.5	4.5							
SUR-22-33	20	86.5	90.9	4.4							
SUR-22-33	21	90.9	95.4	4.5							
SUR-22-33	22	95.4	99.7	4.3							
SUR-22-33	23	99.7	104.7	5							
SUR-22-33	24	104.7	108.65	3.95							
SUR-22-33	25	108.65	113.4	4.75							
SUR-22-33	26	113.4	117.7	4.3							
SUR-22-33	27	117.7	122.15	4.45							
SUR-22-33	28	122.15	126.55	4.4							
SUR-22-33	29	126.55	130.8	4.25							
SUR-22-33	30	130.8	135.15	4.35							
SUR-22-33	31	135.15	139.6	4.45							

SUR-22-33	32	139.6	143.9	4.3
SUR-22-33	33	143.9	148.25	4.35
SUR-22-33	34	148.25	152.8	4.55
SUR-22-33	35	152.8	157.15	4.35
SUR-22-33	36	157.15	161.5	4.35
SUR-22-33	37	161.5	166	4.5
SUR-22-33	38	166	170.4	4.4
SUR-22-33	39	170.4	174.6	4.2
SUR-22-33	40	174.6	179	4.4
SUR-22-33	41	179	183.3	4.3
SUR-22-33	42	183.3	187.7	4.4
SUR-22-33	43	187.7	192	4.3
SUR-22-33	44	192	196.25	4.25
SUR-22-33	45	196.25	200.6	4.35
SUR-22-33	46	200.6	204.9	4.3
SUR-22-33	47	204.9	209.3	4.4
SUR-22-33	48	209.3	213.6	4.3
SUR-22-33	49	213.6	218.05	4.45
SUR-22-33	50	218.05	222.4	4.35
SUR-22-33	51	222.4	226.9	4.5
SUR-22-33	52	226.9	231.35	4.45
SUR-22-33	53	231.35	235.8	4.45
SUR-22-33	54	235.8	240.2	4.4
SUR-22-33	55	240.2	244.5	4.3
SUR-22-33	56	244.5	249	4.5
SUR-22-33	57	249	253.35	4.35
SUR-22-33	58	253.35	257.7	4.35
SUR-22-33	59	257.7	262.15	4.45
SUR-22-33	60	262.15	266.55	4.4
SUR-22-33	61	266.55	270.8	4.25
SUR-22-33	62	270.8	275.4	4.6
SUR-22-33	63	275.4	276	0.6

RQD			Surimeau - November 2022		SUR-22-33			PAGE: 3	
FROM	TO	Length Core Run	$\Sigma$ pieces >10cm	RQD %					
0	6	6	1.9	31.67					
6	9	3	2.5	83.33					
9	12	3	2.5	83.33					
12	15	3	2.6	86.67					
15	18	3	3	100.00					
18	21	3	2.5	83.33					
21	24	3	2.75	91.67					
24	27	3	2.3	76.67					
27	30	3	2.05	68.33					
30	33	3	1.85	61.67					
33	36	3	2.45	81.67					
36	39	3	2.75	91.67					
39	42	3	2.6	86.67					
42	45	3	2.5	83.33					
45	48	3	3	100.00					
48	51	3	3	100.00					
51	54	3	3	100.00					
54	57	3	2.9	96.67					
57	60	3	2.75	91.67					
60	63	3	2.6	86.67					
63	66	3	2.5	83.33					
66	69	3	2	66.67					
69	72	3	2.3	76.67					
72	75	3	2.8	93.33					
75	78	3	3	100.00					
78	81	3	2.8	93.33					
81	84	3	2.6	86.67					
84	87	3	3	100.00					
87	90	3	3	100.00					
90	93	3	2.4	80.00					
93	96	3	3	100.00					
96	99	3	2.6	86.67					
99	102	3	2.8	93.33					
102	105	3	2.9	96.67					
105	108	3	2.4	80.00					

108	111	3	2.2	73.33
111	114	3	2.8	93.33
114	117	3	3	100.00
117	120	3	2.9	96.67
120	123	3	2.8	93.33
123	126	3	2.75	91.67
126	129	3	2.8	93.33
129	132	3	2.9	96.67
132	135	3	2.8	93.33
135	138	3	3	100.00
138	141	3	2.9	96.67
141	144	3	2.8	93.33
144	147	3	2.4	80.00
147	150	3	2.5	83.33
150	153	3	1.8	60.00
153	156	3	2.7	90.00
156	159	3	2.7	90.00
159	162	3	2.65	88.33
162	165	3	2.9	96.67
165	168	3	2.7	90.00
168	171	3	2.5	83.33
171	174	3	2.8	93.33
174	177	3	2.6	86.67
177	180	3	2.7	90.00
180	183	3	2.2	73.33
183	186	3	2.8	93.33
186	189	3	2.9	96.67
189	192	3	2.9	96.67
192	195	3	2.25	75.00
195	198	3	2.8	93.33
198	201	3	2.8	93.33
201	204	3	2.8	93.33
204	207	3	2.8	93.33
207	210	3	2.9	96.67
210	213	3	3	100.00
213	216	3	2.8	93.33
216	219	3	3	100.00
219	222	3	3	100.00
222	225	3	3	100.00
225	228	3	3	100.00

228	231	3	2.8	93.33
231	234	3	2.7	90.00
234	237	3	3	100.00
237	240	3	3	100.00
240	243	3	2.9	96.67
243	246	3	2.9	96.67
246	249	3	3	100.00
249	252	3	2.9	96.67
252	255	3	2.65	88.33
255	258	3	3	100.00
258	261	3	3	100.00
261	264	3	2.8	93.33
264	267	3	2.7	90.00
267	270	3	3	100.00
270	273	3	2.85	95.00
273	276	3	3	100.00



## Minroc Management

FROM	TO	LITHO	LITHO SIMPLE	Angle TCA
0	3.3	OB	Overburden	
3.3	23	v4	v4 umaf, dark green to blue-green in colour, massive to weakly foliated at 20deg TCA, foliation strongest from 22.25-23m, dark green-blue colour overall. Patchy weak to mod mag. flow tops are brecciated and biotitized. <b>Bottom contact zone to underlying sediments 22.25-23m contains weakly albitized bands and 5-10cm beds of s6gp.</b>	20
<b>Structure</b>				
3.3	3.5	blocky	blocky core, overburden rubble	
3.5	6.2	frac	down hole fracture, core broken in half down length of core	
22.25	23	contact	contact zone between ultramafics and underlying sediments, bedding/foliation at 20deg TCA, frequent albitized bands, 10cm qz-ab veining (brecciated and broken up) 22.25-22.35m, narrow s6gp beds throughout.	20
<b>Alteration</b>				
3.3	23	tr, bt	weak to mod tr and bt alt throughout, strongest bt alt from 11.5-11.7m and 12.7-13m.	
22.25	23	ab	contact zone between ultramafics and underlying sediments, bedding/foliation at 20deg TCA, frequent albitized bands, 10cm qz-ab veining (brecciated and broken up) 22.25-22.35m, narrow s6gp beds throughout.	20
<b>Mineralization</b>				
10.5	22.25	po	trace to locally 2% fine to med diss po, rare fracture fills and fine stringers	
22.25	23	py, po	3-5% fine to coarse diss py-po and 1-3mm stringers along foliation.	
23	24.35	s6gp	<b>Graphitic mudstone. Bedding or foliation at 20 deg TCA, gradually changes from graphitic mudstone to fine grained albitized (s6) with narrow graphitic beds towards bottom of unit.</b>	20
<b>Alteration</b>				
23	24.35	bt	weak to mod biotite alteration	
<b>Mineralization</b>				
23	24.35	py,po,sph	3-5%, locally up to 7%, fine to med diss py,po,sph and fine to med stringers throughout concordant to foliation and/or fracture planes	
24.35	32.2	s6	<b>Fine grained sediments, s6, albitized throughout but intensity increases with depth. Pale greyish-green colour, weakly albitized. Bedded at 10deg TCA. Rare cross-cutting qz-ab veinlets/stringers perpendicular to foliation.</b>	10
<b>Structure</b>				
30.65	30.7	qz-ab	grey coloured 2cm qz-ab veinlet/stringer perpendicular to foliation at 65deg TCA, clotty py-po along margins	65
<b>Alteration</b>				
24.35	32.2	ab	mod to strong albite alteration throughout, intensity increases with depth.	
24.35	32.2	bt, chl	weak to mod bt and chl alt throughout, observed as fine 1-2mm sized crystals of bt and chl throughout	
<b>Mineralization</b>				
24.35	32.2	py,po	2-3% fine to med diss py-po throughout, locally up to 10% diss sulfide (27.8-28.6m), rare fine to coarse clots and stringers/fracture fills.	
32.2	36.4	ab shear	<b>Ab shear band / strong ab alteration, fine grained but bedded/foliated at 20deg TCA, resembles chert, green tremolite bands throughout, patchy biotitization throughout, dark grey-green bands alongside paler creamy-brown-red bands. Graphitic mudstone bed 32.9-34.35m.</b>	20
<b>Alteration</b>				
32.2	32.9	ab,tr,bt	ab alt throughout, resembles bands of chert, frequent dark bands of tremolite and patches of biotitization	
34.35	36.4	ab,tr,bt	ab alt throughout, resembles bands of chert, frequent dark bands of tremolite and patches of biotitization	
<b>Mineralization</b>				
32.2	32.9	py,po,sph,pent	5-7% sulfide overall, disseminated and concordant stringers and clots, possible purplish millerite	
32.9	34.35	py,po,sph	3-5%, locally up to 7%, fine to med diss py,po,sph and fine to med stringers throughout concordant to foliation and/or fracture planes	
34.35	36.4	py,po,sph,pent	5-7% sulfide overall, disseminated and concordant stringers and clots	
36.4	64.9	calc sil	<b>Wide zone of calc silicate alteration. Overall strong blue-green colour, mod fol at 40deg TCA, well mineralized overall. Sharp upper and lower contacts. Mod to strong mag throughout. Narrow band of v4 umaf 62.75-63.1 followed by a band of ab shear zone from 63.1-64.9m.</b>	20
<b>Alteration</b>				
36.4	62.75	calc sil, tr, cr dio	calc silicate alteration of v4, patchy cr dio throughout, mod tr alt throughout	
62.75	63.1	tr	weak to mod tr alt in narrow band of v4	
63.1	64.9	ab,tr,bt	ab alt throughout, resembles bands of chert, frequent dark bands of tremolite and patches of biotitization	
<b>Mineralization</b>				
36.4	62.75	py,po,pent,sph, cpy	Very well mineralized throughout with 7-10% sulfide, locally up to 20% with frequent 0.5-5cm stringers and semi-massive beds up to 55cm thick (semi-massive from 39-39.55m), concordant to foliation	20
39	39.3	pn	Pentlandite grains with po rims around	
43.85	45	pn	Pentlandite grains with po rims around	
43.85	45	cpy	cpy within a zone with pentlandite and po	
55.6	56.5	py,po,pent,sph, cpy	semi-massive sulfide vein oriented 20deg TCA, contains pent-po-cpy,py.	
59.45	59.7	py,po,pent,sph, cpv	semi-massive sulfide vein oriented 20deg TCA, contains pent-po-cpy,py.	

63.1	64.9	py,po,sph	3-5%, locally up to 7%, fine to med diss py,po,sph and fine to med stringers throughout concordant to foliation and/or fracture planes	
<b>64.9</b>	<b>69.2</b>	<b>s6gp</b>	<b>Graphitic mudstone. Bedding or foliation at 20 deg TCA. Dark grey-black colour, blocky overall</b>	<b>20</b>
<b>Structure</b>				
66	68.9	blocky	blocky core overal with frequent sections of s6gp gravel. Fault zone.	
<b>Mineralization</b>				
64.9	69.2	po,py,sph,cpy	3-5% sulfide overall as po,py,sph,cpy as fine stringers conc to fol and fracture fills.	
<b>69.2</b>	<b>70.75</b>	<b>calc sil</b>	<b>Narrow zone of calc silicate alteration. Overall strong blue-green colour, mod fol at 30deg TCA, well mineralized overall. Sharp upper and lower contacts. Mod to strong mag throughout.</b>	<b>30</b>
<b>Alteration</b>				
69.2	70.75	calc sil, tr, cr dio	calc silicate alteration of v4, patchy cr dio throughout, mod tr alt throughout	
69.2	70.75	carb	mod pervasive carb alt throughout	
<b>Mineralization</b>				
69.2	70.75	po,py,pent,sph,cpy	Very well mineralized throughout with 7-10% sulfide, locally up to 20% with frequent 0.5-5cm stringers and rare semi-massive beds concordant to foliation	
<b>70.75</b>	<b>73.55</b>	<b>ab shear</b>	<b>Ab shear band / strong ab alteration, fine grained but bedded/foliated at 30deg TCA, resembles chert, green tremolite bands throughout, patchy biotitization throughout, dark grey-green bands alongside paler creamy-brown-red bands.</b>	<b>30</b>
<b>Alteration</b>				
70.75	73.55	ab,tr,bt	ab alt throughout, resembles bands of chert, frequent dark bands of tremolite and patches of biotitization	
<b>Mineralization</b>				
70.75	73.55	py,po,sph	2-3% sulfide overall, disseminated and concordant stringers and clots	
<b>73.55</b>	<b>103.8</b>	<b>v4</b>	<b>v4 umaf, dark green to blue-green in colour, massive to weakly foliated at 20deg TCA but steepens to 30deg TCA towards bottom of unit, foliation steeper 45deg TCA and strongest from 73.55 to 83.5m, dark green-blue colour overall. Patchy weak to mod mag. flow tops are brecciated and biotitized. Possible calc-sil alt from 101.15-102.65m with greenish and white carbonate bands, occasional retrograde garnets.</b>	<b>20</b>
<b>Structure</b>				
73.55	83.5	foliation	foliation is strongest and steeper at 45deg TCA through this interval	45
73.55	75.8	qz-ab	irregular and wispy qz-ab veinlets and stringers throughout	
101.15	102.65	ca	frequent conc ca veinlets and stringers within band of calc sil?	
<b>Alteration</b>				
73.55	84.35	bt	mod bt alt throughout, occasional dark bands of strong bt alt	
73.55	103.8	tr	weak to mod tr alt throughout	
76.5	84.35	talc	weak to mod talc alt	
<b>100.7</b>	<b>101.15</b>	<b>ab</b>	<b>mod to strong ab alt, possible band of ab seds? Well mineralized</b>	
101.15	102.65	calc sil, carb	calc sil alt in v4? Greenish colour, carb alt pervasive, retrograde grnts	
102.65	103.8	bt, tr	mod to strong bt and tr alt	
<b>Mineralization</b>				
73.55	101.7	po	trace fine to med po throughout, locally up to 1% disseminated	
100.7	101.15	py,po,sph	3-5% py,po,sph stringers and clots in narrow bed/and of ab alt or ab seds	
101.15	103.8	po	trace fine to med po throughout	
<b>103.8</b>	<b>110.4</b>	<b>s3</b>	<b>Pontiac sediments, frequent ab or sil altered with beds of Graphitic mudstone from 105.05-106m, 107.85-110.4m, narrow bands of ultramafics from 107.3-107.85m. Bedding or foliation at 25 deg TCA, gradually becomes silicified towards bottom of unit</b>	<b>25</b>
<b>Structure</b>				
103.8	105	blocky	blocky core	
105.05	106	s6gp	graphitic mudstone	25
107.3	107.85	v4	narrow band of bt alt umaf or very strong chl alt??	
107.85	110.4	s6gp	graphitic mudstone, silicified and narrow cherty beds	40
<b>Alteration</b>				
103.8	105.05	bt, sil	weak bt alt, weakly silicified	
106	107.85	sil	weak sil	
107.3	107.85	tr, chl, bt, carb	tr,chl, bt alt v4, patchy carb alt	
107.85	110.4	sil	mod to strong sil	
<b>Mineralization</b>				
103.8	105.05	py,po,sph	trace to 1% fine py,po,sph stringers and clots	
105.05	106	py,po,sph	1-3% fine py,po,sph stringers and clots	
107.85	108.7	py,po,sph	trace to 1% fine py,po,sph stringers and clots	
108.7	110.4	py,po,sph,cpy	20-25% fine to coarse beds and clots of py,po,sph,cpy	
<b>110.4</b>	<b>255</b>	<b>s3</b>	<b>Pontiac sediments, occasionally shows graded bedding, meter-scale beds contaning 1-5mm brown staurolite crystals, occasionally contains cordierite crystals. Cd-bt-ms assemblage. Occasional 1-5mm white concordant qv's throughout (less than 5% overall). Bedding oriented 30deg TCA. Narrow s6gp bed from 115.6-116.65m. Narrow bands of chloritized/amphibolized and biotitized ultramafics with sharp contacts from 138.3-138.85m, 141.3-141.5m, 151.1-153m,156.2-156.5m, 164.35-165.9m, 168.5-168.7m, 174.05-174.3m . Narrow band of greenish mafic volcanic with ca from 188-190 m with sharp contacts along foliation at 45 deg TCA , trace py throughout unit</b>	<b>30</b>
<b>Structure</b>				
115.6	115.85	s6gp	graphitic mudstone bed	
122.25	122.4	blocky	blocky core	
124.75	124.85	blocky	blocky core	
138.3	138.85	v4	chl/amph v4, sharp contacts	
141.3	141.5	v4	chl/amph v4, sharp contacts	



141.85	142	blocky	blocky core
151.1	153	v4	chl/amph v4, sharp contacts
151.9	153	blocky	blocky core
156.2	156.5	v4	chl/amph v4, sharp contacts
164.35	165.9	v4	chl/amph v4, sharp contacts
168.5	168.7	v4	chl/amph v4, sharp contacts
174.05	174.3	v4	chl/amph v4, sharp contacts
187.35	187.5	qv	15 cm qv sharp margins with biotite , green fragments of maf vol/ seds within trace py
190	212	qzca	numerous fine qz-ca stringers in overall unit local concentrations from 190-191.15,199.5-205.5m
199	199.5	qv	blebby qv with sharp margins and garnets/ corderites around
212.7	213	qz ca	greenish ca bleb and stringers
214.2	214.5	qz ab	shallow qz-ab vein with sharp margins at 15 deg TCA
225.9	228	qz ca	greenish ca veinlets and stringers conc to bedding at 60 deg TCA intense zone .
230.2	2230.3	blocky	slightly blocky core
231.8	239	blocky	slightly blocky core
236	236.45	v3	band of chloritized, biotitized and amphibolized mafic volcanic
23.65	237.4	qz ca	downhole qz-ca overall 1-2 mm but widens to ~5 cm from 237-237.3 with fragments of sediments and sulphides
237.8	238.1	qz ab	qz ab blebs with trace sulphides
241.4	241.5	qz ab	qz-ab bleb with po
245.2	245.4	ab-trem	ab vein with coarse tremolites/ actinolites, sharp margins at 20 deg TCA , tremolites are zoned in centre of vein and on margins
249	251.3	qz ca ab	qz-ca ab stringers and blebs throughout
<b>Alteration</b>			
110.4	212	bt	bt alt throughout, very strong from 120-126.7m. Strongest in v4 bands.
138.3	138.85	chl, bt, amph	weak to mod chl alt, weak bt alt
141.3	141.5	chl, bt, amph	weak to mod chl alt, weak bt alt
151.1	153	chl, bt, amph	weak to mod chl alt, weak bt alt
151.9	153	ab	weakly albitized sediments
156.2	156.5	chl, bt, amph	weak to mod chl alt, weak bt alt
164.35	165.9	chl, bt, amph	weak to mod chl alt, weak bt alt
168.5	168.7	chl, bt, amph	weak to mod chl alt, weak bt alt
174.05	174.3	chl, bt, amph	weak to mod chl alt, weak bt alt
186	186.6	chl, bt, amph	weak to mod chl alt, weak bt alt
188	190	chl ,ca	weak chl and mod carb alt within mafic volcanic
188	190	ab	patches of ab within mafic volcanic
236	236.45	chl, bt, amph	band of chloritized, biotitized and amphibolized mafic volcanic
248.8	250.1	hb	mod amphibolization within sediments with py within
<b>Mineraliation</b>			
110.4	115.6	py	trace to locally 1% fine to med diss py and rare fine stringers
115.6	115.85	py, po, sph	5-7% fine to coarse clotty py, po, sph and fine stringers in narrow bed of graphitic mudstone
115.85	124.1	py	trace to locally 1% fine to med diss py and rare fine stringers
137.3	138.85	py	trace to locally 1% fine to med diss py and rare fine stringers
150.85	156.4	py	trace to locally 3% fine to med diss py
164.35	165.9	py	trace to locally 3% fine to med diss py
180	190	py	trace fine diss py within mafic band , locally upto 1 % within ab blebs
236	238.1	py	fine to med trace -1 % py within and around quartz albite stringers and blebs
241.4	241.5	py	1 % med py within ab veinlet
248.8	250.1	py	1-2 % med py within amphibolized band

SAMPLES			Surimeau - November 2022							SUR-22-34		PAGE: 4	
Sample	From m	To m	Length	DESCRIPTION	Litho Simple								
97254	3.5	6	2.50	v4/tr	v4								
97255				Standard								#N/A	
97256	6	7.5	1.50	v4/tr	v4								
97257	7.5	9	1.50	v4/tr	v4								
97258	9	10.5	1.50	v4/tr	v4								
97259	10.5	12	1.50	v4/tr	v4								
97260	12	13.5	1.50	v4/tr+bt+po	v4								
97261	13.5	15	1.50	v4/tr+bt+po	v4								
97262			0.00	Coarse reject								#N/A	
97263	15	16.5	1.50	v4/tr	v4								
97264	16.5	18	1.50	v4/tr	v4								
97265			0.00	Quarter Cut								#N/A	
97266	18	19.5	1.50	v4/tr+po	v4								
97267	19.5	21	1.50	v4/tr	v4								
97268	21	22.25	1.25	v4/tr+bt	v4								
97269	22.25	23	0.75	v4/s6+ab+tr+bt+py+po	v4								
97270	23	24.35	1.35	s6gp/py+po+sph+ab s6	s6gp								
97271	24.35	25.5	1.15	s6/ab+bt+py+po	s6								
97272			0.00	Blank								#N/A	
97273	25.5	27	1.50	s6/ab+bt+py+po	s6								
97274	27	28.5	1.50	s6/ab+bt+py+po	s6								
97275	28.5	30	1.50	s6/ab+bt+py+po	s6								
97276	30	31	1.00	s6/ab+bt+py+po	s6								
97277	31	32.2	1.20	s6/ab+bt+py+po	s6								
97278	32.2	32.9	0.70	ab shear/bt+py+po+sph	ab shear								
97279	32.9	34.35	1.45	s6gp/py+po+sph	s6gp								
97280	34.35	35.4	1.05	ab shear/bt+py+po+sph	ab shear								
97281	35.4	36.4	1.00	ab shear/bt+py+po+sph	ab shear								
97282	36.4	37.5	1.10	calc sil/ab+cr dio+po+py	calc sil								
97283	37.5	39	1.50	calc sil/ab+cr dio+po+py	calc sil								
97284	39	40	1.00	calc sil/pn+po rims semi massive	calc sil								
97285	40	41	1.00	calc sil/po, no massive	calc sil								
97286	41	42	1.00	calc sil/po, no massive	calc sil								
97287	42	43	1.00	calc sil/po, no massive	calc sil								
97288	43	44.5	1.50	calc sil/po	calc sil								
97289	44.5	45.5	1.00	calc sil/cpy+po+pent	calc sil								
97290	45.5	46.5	1.00	calc sil/po	calc sil								
97291	46.5	48	1.50	calc sil/po	calc sil								
97292			0.00	Quarter cut								#N/A	
97293	48	49	1.00	calc sil/po	calc sil								
97294	49	50.5	1.50	calc sil/po	calc sil								
97295			0.00	Coarse reject								#N/A	
97296	50.5	52	1.50	calc sil/po	calc sil								
97297	52	53.5	1.50	calc sil/po	calc sil								

97298	53.5	54.5	1.00 calc sil/po	calc sil	
97299	54.5	55.5	1.00 calc sil/po	calc sil	
97300	55.5	56.5	1.00 calc sil/po	calc sil	
97301	56.5	57.5	1.00 calc sil/semi massive po pn py	calc sil	
97302			0.00 Blank		#N/A
97303	57.5	59	1.50 calc sil/po+py	calc sil	
97304	59	60	1.00 calc sil/pn+po semi massive	calc sil	
97305	60	61	1.00 calc sil/po	calc sil	
97306	61	62.1	1.10 calc sil/narrow ab shear + po	calc sil	
97307	62.1	63.1	1.00 calc sil/po+pn+cpy	calc sil	
97308	63.1	64.1	1.00 ab shear/sph	ab shear	
97309	64.1	64.9	0.80 ab shear/sph+py+cpy	ab shear	
97310	64.9	66	1.10 s6gp/py+cpy	s6gp	
97311	66	67	1.00 s6gp/py+cpy	s6gp	
97312			0.00 Coarse reject		#N/A
97313	67	68	1.00 s6gp/py+cpy	s6gp	
97314	68	69.2	1.20 s6gp/py+cpy	s6gp	
97315			0.00 Quarter Cut		#N/A
97316	69.2	69.8	0.60 calc sil/po+py	calc sil	
97317	69.8	70.75	0.95 calc sil/po+py	calc sil	
97318	70.75	72	1.25 ab shear/sph+po	ab shear	
97319	72	73	1.00 ab shear/sph+po	ab shear	
97320	73	73.55	0.55 ab shear/sph+po	ab shear	
97321	73.55	75	1.45 v4/ab	v4	
97322			0.00 Blank		#N/A
97323	75	76.5	1.50 v4/bt	v4	
97324	76.5	78	1.50 v4/bt	v4	
97325	78	79.5	1.50 v4/bt	v4	
97326	79.5	81	1.50 v4/bt	v4	
97327	81	82.5	1.50 v4/bt	v4	
97328	82.5	84	1.50 v4/bt	v4	
97329	84	85.5	1.50 v4/	v4	
97330	85.5	87	1.50 v4/	v4	
97331	87	88.5	1.50 v4/po	v4	
97332	88.5	90	1.50 v4/po	v4	
97333	90	91.5	1.50 v4/po	v4	
97334	91.5	93	1.50 v4/po	v4	
97335	93	94.5	1.50 v4/po	v4	
97336	94.5	96	1.50 v4/po	v4	
97337	96	97.5	1.50 v4/po	v4	
97338	97.5	99	1.50 v4/po	v4	
97339	99	100	1.00 v4/po	v4	
97340	100	101.15	1.15 v4/bt+ab	v4	
97341	101.15	102.65	1.50 calc sil/carb alt+gar+tr po	calc sil	
97342			0.00 Quarter cut		#N/A
97343	102.65	104.1	1.45 v4/narrow sed + bt	v4	
97344	104.1	105.05	0.95 s3		#N/A
97345			0.00 Coarse reject		#N/A

97346	105.05	106	0.95 s3/ab+tr py+po	s3	
97347	106	107	1.00 s3/strong sil or ab + po	s3	
97348	107	107.85	0.85 s3/ab str + ab	s3	
97349	107.85	108.7	0.85 s6gp/po+cpy	s6gp	
97350	108.7	109.55	0.85 s6gp/10% po-py-cpy	s6gp	
97351	109.55	110.4	0.85 s6gp/10% po-py-cpy	s6gp	
97352			0.00 Blank		#N/A
97353	110.4	111.5	1.10 s3/bt	s3	
97354	111.5	113	1.50 s3/bt	s3	
97355	113	114.5	1.50 s3/bt+cord	s3	
97356	114.5	116	1.50 s3/bt	s3	
97357	116	116.65	0.65 s6gp/py+po+sph	s6gp	
97358	116.65	118	1.35 s3/cord	s3	
97359	118	119.5	1.50 s3/cord	s3	
97360	119.5	121	1.50 s3/cord	s3	
97361	121	122.5	1.50 s3/cord	s3	
97362			0.00 Coarse reject		#N/A
97363	122.5	124	1.50 s3/cord	s3	
97364	124	125.5	1.50 s3/cord+bt	s3	
97365			0.00 Quarter Cut		#N/A
97366	137.3	138.3	1.00 s3/ca str+bt	s3	
97367	138.3	138.85	0.55 v4/bt	v4	
97368	138.85	139.85	1.00 s3/ca str + qv	s3	
97369	150	151.5	1.50 s3/bt+tr py	s3	
97370	151.5	153	1.50 s3/ab-ca + tr py	s3	
97371	153	154.5	1.50 s3/bt+tr po	s3	
97372			0.00 Blank		#N/A
97373	154.5	156	1.50 s3/bt+tr po	s3	
97374	156	157.5	1.50 s3/bt + py + v4 + chl	s3	
97375	157.5	159	1.50 v4/bt	v4	
97376	162	163	1.00 s3/bt	s3	
97377	163	164.35	1.35 s3/bt+tr+py	s3	
97378	164.35	165.9	1.55 v3/tr+hb+py+bt	v3	
97379	165.9	167	1.10 s3/bt	s3	
97380	186	187	1.00 s3/ca stringers	s3	
97381	187	188	1.00 s3/qv+py	s3	
97382	188	189	1.00 v3/ca+bt	v3	
97383	189	190	1.00 v3/ca+bt	v3	
97384	190	191	1.00 s3/ca+py+qv	s3	
97385	191	192	1.00 s3/	s3	
97386	195	196.5	1.50 s3/	s3	
97387	196.5	198	1.50 s3/qz+py	s3	
97388	198	199.5	1.50 s3/qz+py	s3	
97389	199.5	201	1.50 s3/qz+py	s3	
97390	201	202.5	1.50 s3/ca stringers	s3	
97391	202.5	204	1.50 s3/ca stringers	s3	
97392			0.00 Quarter cut		#N/A
97393	204	205	1.00 s3/ca stringers	s3	

97394	212	213	1.00		#N/A
97395			0.00 Coarse reject		#N/A
97396	213	214.5	1.50 s3/qv+gar	s3	
97397	214.5	216	1.50 s3/	s3	
97398	225	226	1.00 s3/	s3	
97399	226	227	1.00 s3/green ca str	s3	
97400	227	228	1.00 s3/green ca str	s3	
97401	234	235.5	1.50 s3/	s3	
97402			0.00 Blank		#N/A
97403	235.5	237	1.50 s3/v3 band	s3	
97404	237	238.5	1.50 s3/qv+po+py	s3	
97405			0.00 Standard		#N/A
97406	238.5	240	1.50 s3/bt	s3	
97407	240	241.5	1.50 s3/qv+bt+ca+po	s3	
97408	241.5	243	1.50 s3/bt	s3	
97409	243	244.5	1.50 s3/bt	s3	
97410	244.5	246	1.50 s3/bt	s3	
97411	246	247.5	1.50 s3/bt	s3	
97412			0.00 Coarse reject		#N/A
97413	247.5	249	1.50 s3/hb+py	s3	
97414	249	250.5	1.50 s3/hb+py	s3	
97415			0.00 Quarter Cut		#N/A
97416	250.5	252	1.50 s3/qz+ab+ca	s3	
97417	252	253.5	1.50 s3/bt	s3	
97418	253.5	255	1.50 s3/bt	s3	

Box Lengths					Surimeau - November 2022					SUR-22-34		PAGE: 5	
DDH	Box Number	From m	To m	Box Length	DDH	Box Number	From m	To m	Box Length				
SUR-22-34	1	3.3	7.5	4.2									
SUR-22-34	2	7.5	11.9	4.4									
SUR-22-34	3	11.9	16.2	4.3									
SUR-22-34	4	16.2	20.7	4.5									
SUR-22-34	5	20.7	25	4.3									
SUR-22-34	6	25	29.6	4.6									
SUR-22-34	7	29.6	33.85	4.25									
SUR-22-34	8	33.85	38.2	4.35									
SUR-22-34	9	38.2	42.9	4.7									
SUR-22-34	10	42.9	46.9	4									
SUR-22-34	11	46.9	51.15	4.25									
SUR-22-34	12	51.15	55.7	4.55									
SUR-22-34	13	55.7	60	4.3									
SUR-22-34	14	60	64.45	4.45									
SUR-22-34	15	64.45	68.6	4.15									
SUR-22-34	16	68.6	73	4.4									
SUR-22-34	17	73	77.3	4.3									
SUR-22-34	18	77.3	81.7	4.4									
SUR-22-34	19	81.7	85.45	3.75									
SUR-22-34	20	85.45	90.3	4.85									
SUR-22-34	21	90.3	94.65	4.35									
SUR-22-34	22	94.65	99.05	4.4									
SUR-22-34	23	99.05	103.4	4.35									
SUR-22-34	24	103.4	107.65	4.25									
SUR-22-34	25	107.65	112.05	4.4									
SUR-22-34	26	112.05	116.35	4.3									
SUR-22-34	27	116.35	120.6	4.25									
SUR-22-34	28	120.6	124.85	4.25									
SUR-22-34	29	124.85	129.3	4.45									
SUR-22-34	30	129.3	133.7	4.4									
SUR-22-34	31	133.7	138	4.3									

SUR-22-34	32	138	142.4	4.4
SUR-22-34	33	142.4	146.7	4.3
SUR-22-34	34	146.7	150.85	4.15
SUR-22-34	35	150.85	155.2	4.35
SUR-22-34	36	155.2	159.55	4.35
SUR-22-34	37	159.55	164	4.45
SUR-22-34	38	164	168.3	4.3
SUR-22-34	39	168.3	172.65	4.35
SUR-22-34	40	172.65	177	4.35
SUR-22-34	41	177	181.3	4.3
SUR-22-34	42	181.3	185.85	4.55
SUR-22-34	43	185.85	190.15	4.3
SUR-22-34	44	190.15	194.5	4.35
SUR-22-34	45	194.5	198.9	4.4
SUR-22-34	46	198.9	203.25	4.35
SUR-22-34	47	203.25	207.6	4.35
SUR-22-34	48	207.6	212	4.4
SUR-22-34	49	212	216.15	4.15
SUR-22-34	50	216.15	220.6	4.45
SUR-22-34	51	220.6	225	4.4
SUR-22-34	52	225	229.4	4.4
SUR-22-34	53	229.4	233.8	4.4
SUR-22-34	54	233.8	238.1	4.3
SUR-22-34	55	238.1	242.55	4.45
SUR-22-34	56	242.55	246.9	4.35
SUR-22-34	57	246.9	251.3	4.4
SUR-22-34	58	251.3	255	3.7
EOH				

RQD			Surimeau - November 2022		SUR-22-34		PAGE: 3	
FROM	TO	Length Core Run	$\Sigma$ pieces >10cm	RQD %				
3.5	6	2.5	2.2	88.00				
6	9	3	2.7	90.00				
9	12	3	2.9	96.67				
12	15	3	3	100.00				
15	18	3	3	100.00				
18	21	3	3	100.00				
21	24	3	3	100.00				
24	27	3	3	100.00				
27	30	3	3	100.00				
30	33	3	3	100.00				
33	36	3	3	100.00				
36	39	3	3	100.00				
39	42	3	2.8	93.33				
42	45	3	2.9	96.67				
45	48	3	2.9	96.67				
48	51	3	3	100.00				
51	54	3	3	100.00				
54	57	3	2.9	96.67				
57	60	3	2.8	93.33				
60	63	3	2.8	93.33				
63	66	3	2.65	88.33				
66	69	3	1.9	63.33				
69	72	3	2.9	96.67				
72	75	3	2.9	96.67				
75	78	3	2.6	86.67				
78	81	3	2.2	73.33				
81	84	3	2.8	93.33				
84	87	3	2.5	83.33				
87	90	3	2.8	93.33				
90	93	3	2.9	96.67				
93	96	3	2.8	93.33				
96	99	3	3	100.00				
99	102	3	3	100.00				
102	105	3	2.3	76.67				
105	108	3	2.8	93.33				



108	111	3	2.9	96.67
111	114	3	2.9	96.67
114	117	3	2.6	86.67
117	120	3	3	100.00
120	123	3	2.4	80.00
123	126	3	2.4	80.00
126	129	3	3	100.00
129	132	3	3	100.00
132	135	3	3	100.00
135	138	3	3	100.00
138	141	3	2.6	86.67
141	144	3	2.5	83.33
144	147	3	2.5	83.33
147	150	3	3	100.00
150	153	3	2	66.67
153	156	3	2.85	95.00
156	159	3	2.8	93.33
159	162	3	2.9	96.67
162	165	3	2.9	96.67
165	168	3	3	100.00
168	171	3	2.9	96.67
171	174	3	3	100.00
174	177	3	2.9	96.67
177	180	3	2.7	90.00
180	183	3	2.9	96.67
183	186	3	3	100.00
186	189	3	2.9	96.67
189	192	3	2.5	83.33
192	195	3	2.8	93.33
195	198	3	3	100.00
198	201	3	2.9	96.67
201	204	3	2.7	90.00
204	207	3	2.4	80.00
207	210	3	2.9	96.67
210	213	3	2.7	90.00
213	216	3	3	100.00
216	219	3	3	100.00
219	222	3	2.9	96.67
222	225	3	2.9	96.67
225	228	3	3	100.00

228	231	3	2.4	80.00	
231	234	3	2.8	93.33	
234	237	3	2.8	93.33	
237	240	3	2.6	86.67	
240	243	3	2.9	96.67	
243	246	3	2.4	80.00	
246	249	3	2.5	83.33	0.55
249	252	3	2.9	96.67	
252	255	3	3	100.00	
EOH					



## Minroc Management

FROM	TO	LITHO	LITHO SIMPLE	Angle TCA
0	11.9	OB	Overburden	
11.9	50.5	s3	Pontiac sediments , bedding at 50deg TCA, bands of mafic volcanic or v4 from 17.65-17.8m, 20.9-21.3m, 27.05-27.45m, 29.5-31m, 31.9-32.2m, 37.6-37.75m, 48.5-48.55m, 49.3-49.4m. These bands are chloritized. Occasional qz-ca,ca , qz veinlets and stringers throughout the sediments.	50
<b>Structure</b>				
11.9	12.5	blocky	blocky core	
20.75	20.8	qv	narrow qz veinlet with coarse bt within vein, oriented 60deg TCA	60
22.95	23.05	qv	dark grey-brownish qv vein, bt along margins, sharp contacts, oriented 55deg TCA	55
29.5	31	v4,bx	ultramafic band, brecciated with rounded fragments within a carb matrix, ca fractures. Weak patchy mag, chloritized, bt alt and weak tr alt	
31.9	32.2	v4,bx	ultramafic band, brecciated with rounded fragments within a carb matrix, ca fractures. Weak patchy mag, chloritized, bt alt and weak tr alt	
36.2	36.4	qz-ab-tr vein	greenish grey qz-ab vein with coarse tremolite and actinolite throughout, trace sulfide, weak brownish sericite alt	
37.6	37.75	v3	narrow maf vol band, chl alt	
39.2	39.25	qz-ab	grey-white qz-ab veinlet oriented 65deg TCA, sharp margins, tr fine py within vein	65
41.9	41.95	qz-ab-ser	narrow qz-ab veinlet with weak sericite alt along lower contact. Fine tr and act within vein	65
46.2	46.25	qz-ab vein	narrow qz-ab veinlet oriented 65deg TCA, fine tr-act in veinlet, clots of cr-dio. Tr sulfide	75
48.5	48.55	v3	narrow maf vol band, chl alt	
49.3	49.4	v3	narrow maf vol band, chl alt	
<b>Alteration</b>				
11.9	50.5	bt	weak to mod biotite alt throughout, stronger around v3/v4 contacts.	
20.9	21.3	chl, tr, bt	v4 band, mod to strong chl-bt-bt alt	
27.05	27.45	chl, tr, bt	v4 band, mod to strong chl-bt-bt alt	
29.45	31	chl, tr, bt	v4 band, mod to strong chl-bt-bt alt	
37.6	37.75	v3	narrow maf vol band, chl alt	
42.4	42.45	ser	weak to mod sericite alt along fine fracures in seds	
48.5	48.55	v3	narrow maf vol band, chl alt	
49.3	49.4	v3	narrow maf vol band, chl alt	
<b>Mineralization</b>				
17.65	17.8	py	trace fine to med py in v3 band	
20.75	20.8	py	trace fine to med py in qz-ab-bt veinlet	
22.95	23.05	py	trace fine py in qv	
27.05	27.45	py	trace fine to med py in v3 band	
29.5	31	py	trace fine to med py in v4 band	
31.9	32.2	py	trace fine to med py in v3 band	
35	36	py	trace fine to med py in and around qz-ab stringers and veinlets within s3	
36.2	36.4	py	trace to 1% fine diss py in qz-ab-tr-act vein	
42.4	42.45	py	1% fine diss py in band of sericite alt around fine fractures	
46	46.35	py	trace to 2% fine diss py around qz-ab veinlet and narrow v3 bands within interval	
49	49.5	py	trace fine to med py in narrow v3 bands.	
50.5	58.25	v4	v4 bx, Volcanic breccia, strongly foliated at 60deg TCA, dark green-brown colour from biotite-chl-tremolite. Weakly albitized, possibly sheared ultramafic from 52.8-55.65 with an extremely sharp upper contact and gradual lower contact. This possible sheared umaf contains fine ab veinlets with cr-diopside.	60
<b>Alteration</b>				
50.5	58.25	bt, chl, act	bt, chl, act alt throughout	
52.8	55.65	ab	weakly albitized, fine ab blebs and stringers with clotty tremolite and cr-diopside around them, fine ab stringer at 54.1-54.2m with bright green cr-diopside within stringer. Oriented down-hole	0
<b>Mineralization</b>				
50.5	58.25	py	trace fine to med py throughout	
58.25	147.7	s3	Pontiac sediments , bedding at 45deg TCA , corderite zones from 60.6-64.85m, 88.7-99m. Occasional qz-ca,ca , qz veinlets and stringers throughout the sediments, most concentrated from 82.5-118, 0.5cm staurolite crystals from 142-1147.7m. Mafic volcanic or ultramafic bands from 69.05-69.25m, 70.05-70.2m, 72.35-72.45m, 74.5-74.85m, 76.85-77.15m, 82.2-82.25m, 82.5-82.6m, 103-103.95m, 107.15-107.6m, 110.55-110.9m, 119-119.6m, 119.8-120m, 120.2-120.65m, 123.35-123.45m, 124.05-124.3m, 126.35-126.5m, 128.5-128.7m, 129.25-129.5m, 132.55-132.6m, 132.7-132.85m, 132.9-133m, 133.25-133.45m, 135.2-135.4m, 135.65-135.7m, 136.05-136.15m, 138-138.25m, 146.25-146.5m.	45
<b>Structure</b>				
63.55	63.6	v4	narrow maf vol or umaf band, conc to fol at 60deg TCA	60
69.05	69.25	v4	narrow maf vol or umaf band, conc to fol at 60deg TCA	60
70.05	70.2	v4	narrow maf vol or umaf band, conc to fol at 60deg TCA	60
72.3	72.35	qz-ab	qz-ab stringers, grey-white colour, upper contact of v4 band	60
72.35	72.45	v4	narrow maf vol or umaf band, conc to fol at 60deg TCA	60
74.5	74.85	v4	narrow maf vol or umaf band, conc to fol at 60deg TCA	60
76.85	77.15	v4	narrow maf vol or umaf band, conc to fol at 60deg TCA	60
80	81	qz-ab	qz-ab stringers and veinlets conc to fol, grey-white colour, sharp margins	60
82.2	82.25	v4	narrow maf vol or umaf band, conc to fol at 60deg TCA	60
82.5	82.6	v4	narrow maf vol or umaf band, conc to fol at 60deg TCA	60
82.85	82.9	qz-ab	qz-ab stringer conc to fol, grey-white colour, sharp margins	60
88.7	88.75	qz-ab-garnet	qz-ab stringer conc to fol, grey-white colour, sharp margins, fine garnets within veinlet	55
94.4	94.45	qz-ab-garnet	qz-ab stringer conc to fol, grey-white colour, sharp margins but irregular, fine garnets within veinlet	60
100.3	103.45	qz-ab	irregular qz-ab veinlets, sericitized from 101.85-101.9m.	
103	103.95	v4	narrow maf vol or umaf band, conc to fol at 60deg TCA	
103.95	105.5	qz	irregular and wispy qz stringers, qz-ab welded breccia 104.9-105m, zone is weakly silicified	
107.15	107.6	v4	narrow maf vol or umaf band, conc to fol at 60deg TCA	

109.4	109.5	qz-ab	qz-ab veinlet conc to fol	50
110.55	110.9	v4	narrow maf vol or umaf band, conc to fol at 60deg TCA	60
114.45	114.5	qz-ab	multiple 1-5mm qz-ab veinlets, get thicker with depth, bt and fine clotty py along bedding	45
116.25	116.35	qz-ab	multiple 1-5mm qz-ab veinlets, get thicker with depth, bt and fine clotty py along bedding	60
117.7	117.8	qz-ab-tour	shallow to down-hole oriented 2-3cm qz-ab-tour veinlet	
119	119.6	v4	narrow maf vol or umaf band, conc to fol at 60deg TCA	60
119.6	119.65	qz-ab	irregular qz-ab veinlet along bottom contact of v4 band, styloid texture? Looks like v4 intruded while sed was not lithified	
119.8	120	v4	narrow maf vol or umaf band, conc to fol at 60deg TCA	60
120.2	120.65	v4	narrow maf vol or umaf band, conc to fol at 60deg TCA	60
122.3	122.6	qz-ab	irregular qz-ab veinlets, fine clotty py and trace aspy within veinlets, qz tour	
123.35	123.45	v4	narrow maf vol or umaf band, conc to fol at 60deg TCA	60
124.05	124.3	v4	narrow maf vol or umaf band, conc to fol at 60deg TCA	60
126.35	126.5	v4, qz-ab	narrow maf vol or umaf band, conc to fol at 60deg TCA, qz-ab veinlet with 3-5% med clotty py-po	
128	130	qz-ab-tour	multiple 1-5cm qz-ab-tour veinlets and stringers, occasional fine to med clotty py-po within veinlets.	
128.5	128.7	v4	narrow maf vol or umaf band, conc to fol at 60deg TCA	60
129.25	129.5	v4	narrow maf vol or umaf band, conc to fol at 60deg TCA	60
132.55	132.6	v4	narrow maf vol or umaf band, conc to fol at 60deg TCA	60
132.7	132.85	v4	narrow maf vol or umaf band, conc to fol at 60deg TCA	60
132.9	133	v4	narrow maf vol or umaf band, conc to fol at 60deg TCA	60
133.25	133.45	v4	narrow maf vol or umaf band, conc to fol at 60deg TCA	60
134.2	134.3	blocky	blocky core	
134.45	134.5	blocky	blocky core	
135.2	135.4	v4	narrow umaf band, conc to fol at 50deg TCA	50
135.65	135.7	v4	narrow umaf band, conc to fol at 50deg TCA	50
136.05	136.15	v4	narrow umaf band, conc to fol at 50deg TCA	50
138	138.25	v4	narrow umaf band, conc to fol at 50deg TCA	50
138	138.1	blocky	blocky core	
138.8	139.55	blocky	blocky core	
146.25	146.5	v4	narrow umaf band, conc to fol at 50deg TCA	50
<b>Alteration</b>				
58.25	147.7	bt	weak to mod biotite alt throughout, stronger around v3/v4 contacts.	
63.55	63.6	chl, tr, bt	v4 band, mod to strong chl-bt-bt alt	
69.05	69.25	chl, tr, bt	v4 band, mod to strong chl-bt-bt alt	
70.05	70.2	chl, tr, bt	v4 band, mod to strong chl-bt-bt alt	
72.35	72.45	chl, tr, bt	v4 band, mod to strong chl-bt-bt alt	
74.5	74.85	chl, tr, bt	v4 band, mod to strong chl-bt-bt alt	
76.85	77.15	chl, tr, bt	v4 band, mod to strong chl-bt-bt alt	
82.2	82.25	chl, tr, bt	v4 band, mod to strong chl-bt-bt alt	
82.5	82.6	chl, tr, bt	v4 band, mod to strong chl-bt-bt alt	
103	103.95	chl, tr, bt	v4 band, mod to strong chl-bt-bt alt	
103.95	105.5	chl, tr, bt	v4 band, mod to strong chl-bt-bt alt	
107.15	107.6	chl, tr, bt	v4 band, mod to strong chl-bt-bt alt	
110.55	110.9	chl, tr, bt	v4 band, mod to strong chl-bt-bt alt	
116	117	ab	weak ab or sil in band of sed	
119	119.6	chl, tr, bt	v4 band, mod to strong chl-bt-bt alt	
119.8	120	chl, tr, bt	v4 band, mod to strong chl-bt-bt alt	
120.2	120.65	chl, tr, bt	v4 band, mod to strong chl-bt-bt alt	
123.35	123.45	chl, tr, bt	v4 band, mod to strong chl-bt-bt alt	
124.05	124.3	chl, tr, bt	v4 band, mod to strong chl-bt-bt alt	
126.35	126.5	chl, tr, bt	v4 band, mod to strong chl-bt-bt alt	
128.5	128.7	chl, tr, bt	v4 band, mod to strong chl-bt-bt alt	
129.25	129.5	chl, tr, bt	v4 band, mod to strong chl-bt-bt alt	
132.55	132.6	chl, tr, bt	v4 band, mod to strong chl-bt-bt alt	
132.7	132.85	chl, tr, bt	v4 band, mod to strong chl-bt-bt alt	
132.9	133	chl, tr, bt	v4 band, mod to strong chl-bt-bt alt	
133.25	133.45	chl, tr, bt	v4 band, mod to strong chl-bt-bt alt	
135.2	135.4	chl, tr, bt	v4 band, mod to strong chl-bt-bt alt	
135.65	135.7	chl, tr, bt	v4 band, mod to strong chl-bt-bt alt	
136.05	136.15	chl, tr, bt	v4 band, mod to strong chl-bt-bt alt	
138	138.25	chl, tr, bt	v4 band, mod to strong chl-bt-bt alt	
146.25	146.5	chl, tr, bt	v4 band, mod to strong chl-bt-bt alt	
<b>Mineralization</b>				
63.55	63.6	py	tr fine py in narrow v4 band	
69.05	69.25	py	tr fine py in narrow v4 band	
70.05	70.2	py	tr fine py in narrow v4 band	
72.35	72.45	py	tr to 1% fine py in narrow v4 band	
76.85	77.15	py	tr fine py in narrow v4 band	
80	81	py	fine to med clotty py in qz-ab veinlets	
82.2	82.25	py	2-3% fine to med diss py in v4 band	
82.5	82.6	py	1-2% fine to med diss py in v4 band	
94.4	94.45	py	fine to med clotty py in qz-ab veinlet	
100.1	101.4	py	trace fine to med clotty py in qz-ab veinlets and stringers	
103.45	103.95	py,po	1-3% fine to med diss py-po in v4 band	
103.95	104.5	py	1-3% fine to coarse clotty py along bottom contact of v4 band	
104.5	105.45	py	trace fine py in band of weak sil or ba alt	
109	122.3	py	trace fine to med py throughout along and within qz-ab veinlets and stringers or in v4 bands. Locally up to 3-5% fine diss py (112-112.5m around qz-ab veinlet, 114-114.6m coarse clotty py in qz-ab veinlets)	
122.3	122.65	py, aspy	trace fine to med py and aspy in qz-ab veinlet	
126.35	126.5	py,po,aspy	1-3% fine to med diss py-po and trace aspy in qz-ab stringers in v4 band	
129.25	129.5	py,po	<b>1-2% fine to med diss py in qz-ab veinlet</b>	
129.5	130	py	trace fine to med py in qz-ab veinlets and stringers	
135.1	136.15	py,po	trace fine to med po in v4 bands	
147.7	151.95	s6	fine grained siltstone s6, weakly biotitized throughout, fine disseminated py and py stringers throughout. Narrow bed of s3 from 149-149.5m.	60

<b>Structure</b>					
149	149.5	s3		narrow bed of pontiac sediments	60
<b>Alteration</b>					
147	151.95	bt		weakly biotitized, strongest from 149-149.5m in s3 bed	
<b>Mineralization</b>					
147.7	151.45	py		trace to 2% fine diss py and fine stringers along bedding	
151.45	151.95	py		3-5% fine diss py and fine stringers along bedding	
<b>151.95</b>	<b>153.4</b>	<b>s6gp</b>		<b>Graphitic mudstone. Bedding or foliation at 50 deg TCA. Well mineralized, black colour, frequent py-po-sph stringers and nodules.</b>	<b>50</b>
<b>Mineralization</b>					
151.95	153.4	py,po,sph, cpy		10-15% py,po,sph and tr cpy stringers and nodules up to 1cm thick, conc to bedding at 50deg TCA.	50
<b>153.4</b>	<b>161</b>	<b>v4</b>		<b>Ultramafic, mod foliation at 45deg TCA. Upper contact is gradual with alteration greenish and white carbonate bands, possibly calc-sil?, overall biotitized and tremolite altered, blue-green-brown colour. Weak to mod mag.</b>	<b>45</b>
<b>Structure</b>					
155.95	157.4	ab-ca		frequent ab-ca veinlets and stringers conc to fol, stronger tr alt	45
158.2	161	ab-ca		frequent ab-ca veinlets and stringers conc to fol, stronger tr alt	45
<b>Alteration</b>					
153.4	161	bt, tr, carb		carbonatized through, strongest around ab-ca veinlets, biotitized and tremolite altered	
<b>153.4</b>	<b>161</b>	<b>po</b>		trace fine po	
<b>161</b>	<b>169.9</b>	<b>v4</b>		<b>v4 umaf, dark green to blue-green in colour, massive to weakly foliated at 50deg TCA, dark green-blue colour overall. Patchy weak to mod mag. flow tops are brecciated and biotitized, bottom of unit from 169.6-169.9m is finer grained at contact with underlying ab shear</b>	<b>50</b>
<b>Structure</b>					
164.95	164.15	blocky		blocky core	
<b>Alteration</b>					
161	169.9	tr, bt		weak to mod biotite and tremolite alt throughout	
164.95	165.15	talc		weak to mod talc alt	
169.5	169.6	talc		weak to mod talc alt	
<b>Mineralization</b>					
169.6	169.9	po		1-3% fine diss po at bottom contact of unit	
<b>169.9</b>	<b>174.45</b>	<b>ab shear</b>		<b>Ab shear band / strong ab alteration, fine grained but bedded/foliated at 70deg TCA, resembles chert, green tremolite bands throughout, patchy biotitization throughout, dark grey-green bands alongside paler creamy-brown-red bands. Sharp upper contact, gradual lower contact into underlying ultramafics. Narrow graphitic mudstone 171.4-171.8m.</b>	<b>70</b>
<b>Structure</b>					
<b>171.4</b>	<b>171.8</b>	<b>s6gp</b>		<b>narrow bed of graphitic mudstone, well mineralized, black colour, frequent py-po-sph stringers and nodules.</b>	
172.65	172.7	ab v4		narrow band of albitized ultramafic, pale greenish-grey colour, fine grained.	
<b>Alteration</b>					
169.9	171.4	ab, tr, bt		ab alt throughout, resembles bands of chert, frequent dark bands of tremolite and patches of biotitization	
171.8	174.45	ab, tr, bt		ab alt throughout, resembles bands of chert, frequent dark bands of tremolite and patches of biotitization	
<b>Mineralization</b>					
<b>169.9</b>	<b>171.4</b>	<b>py,po,pent,sph, cpv</b>		<b>5-7% sulfide overall, locally up to 15% disseminated and concordant stringers and clots, stretched euhedral grains</b>	
171.4	171.8	py,po,sph, cpy		20% py,po,sph and tr cpy stringers and nodules up to 1cm thick, conc to bedding at 50deg TCA.	
17.8	174.45	py,po,pent,sph, cpy		5-7% sulfide overall, locally up to 15% disseminated and concordant stringers and clots, stretched euhedral grains	
<b>174.45</b>	<b>294.65</b>	<b>v4</b>		<b>v4 umaf, dark green to blue-green in colour, massive to weakly foliated at 50deg TCA, dark green-blue colour overall. Patchy weak to mod mag. flow tops are brecciated and biotitized, bands of talcose alteration in the cumulates, flow tops are bt altered, becomes weakly talcose after 193.95m. Fault zone from 217-218.4m, hole lost water return. Patchy mod mag after 240m. More frequent ab veinlets and stringers after 265m. Narrow band of mafic volcanics from 284.45-287.25m.</b>	<b>50</b>
<b>Structure</b>					
193.65	193.95	blocky		blocky core	
195.65	195.7	blocky		blocky core	
205.8	208.5	bx		weak in-situ breccia, welded with carbonate	
217	217.5	fault		fault zone, v4 gravel/rubble	
218	218.4	fault		fault zone, v4 gravel/rubble	
220	220.1	ab-ca		ab-ca veinlet oriented 30deg TCA, brecciated v4 on vein margins	30
223.85	223.9	chl mud		chlorite mud	
224.8	225.05	qz-ab		irregular qz-ab veinlet oriented 75deg TCA	75
226.9	227	blocky		blocky core	
237.9	238	chl mud		chlorite mud	
235.35	235.4	qz-ab		3cm qz-ab veinlet oriented 30deg TCA	30
249	249.4	blocky		blocky core	
251.6	251.65	chl mud		chlorite mud	
262.9	263.1	blocky		blocky core	
268.8	268.9	ab		ab veinlet conc to fol at 40deg TCA	40
283.45	284.45	chl talc mud		chl and talc mud, fault zone	
284.45	287.25	v3		narrow band of mafic volcanics, dark green colour, non mag, bt alt, mod to strong fol at 50deg TCA	50
284	284.45	chl talc mud		chl and talc mud	
<b>Alteration</b>					

174.45	294.65	tr	patchy tremolite alt throughout	
174.45	177.5	bt	weak to mod bt alt	
178.5	183	talc	weak talc alt	
187.65	197.4	bt	weak to mod bt alt	
193.95	207.3	talc	weak talc alt	
210	219.5	bt	weak to mod bt alt	
223.9	239.6	bt	weak to mod bt alt	
243	247	talc	weak to mod talc alt	
247	252	bt	weak to mod bt alt	
251.6	255.7	talc	weak to mod talc alt	
255.5	265.6	bt	weak to mod bt alt	
258.7	284.45	talc	weak to mod talc alt	
284.45	287.25	bt, tr, chl	weak to mod bt, tr and chl alt in narrow band of maf vol	
287.25	294.65	talc	weak to mod talc alt	
287.25	287.7	bt	weak bt alt	
<b>Mineralization</b>				
174.45	178.65	po	1-3% fine to med diss po throughout, upper contact of unit with overlying ab shear	
178.65	204.9	po	trace fine to med po throughout,	
220	220.1	po	1-2% med to coarse clotty po in ab-carb veinlet	
248.4	248.45	po, cpy	fine to med crystals of po and cpy in v4, no veining associated	
260.1	260.55	po,py	trace to 1% fine to med diss py,po and clotty sulfide in fractures	
<b>294.65</b>	<b>321</b>	<b>v3</b>	<b>Mafic volcanic, dark green, competent, frequent ca stringers throughout, non magnetic, weak foliation at 40deg TCA. Narrow bands of v4 or strong chl alt and foliation from 294.65-295.55m, 296.85-299.1m, 303-303.65m. Narrow diorite vein from 307.9-308.555m and 315.8-318.2m.</b>	<b>40</b>
<b>Structure</b>				
307.9	308.55	1d	narrow diorite, dark grey-black colour, fine grained, weak pervasive carb alt, fine az-ab stringers throughout. Sharp but irregular margins roughly oriented 45deg TCA	45
294.65	321	ca	frequent mm-scale ca stringers and fractures throughout mafic volcanics	
<b>Alteration</b>				
294.65	307.9	bt,hb	weak to mod biotite alt throughout, weak hb alt	
294.65	295.55	chl	mod to strong chl alt	
296.85	299.1	chl	mod to strong chl alt	
<b>296.85</b>	299.1	chl	mod to strong chl alt	
303	303.65	chl	mod to strong chl alt	
307.9	308.55	bt, carb	weak bt alt, weak to mod pervasive carb alt in diorite band	
308.55	321	bt, hb	weak to mod biotite alt throughout, very strong from 313.6-314m and towards bottom contact 318-321m, weak hb alt	
<b>Mineralization</b>				
299.2	299.25	py	narrow band with 3-5% fine diss py	
307.9	308.55	py	1-3% fine diss py in diorite band	
308.55	309.3	py	1-3% fine diss py in 30cm after diorite band	
311.6	311.65	py	1-3% fine to med diss py	
312.4	312.45	py	1-3% fine to med diss py	
<b>321</b>	<b>328.7</b>	<b>v4</b>	<b>v4 umaf, dark green to blue-green in colour, massive to weakly foliated at 50deg TCA, dark green-blue colour overall. Patchy weak to mod mag. flow tops are brecciated and biotitized, bands of talcose alteration in the cumulates, flow tops are bt altered, weakly talcose.</b>	<b>50</b>
<b>Alteration</b>				
321	328.7	talc	weak to mod talc alt	

SAMPLES			Surimeau - November 2022							SUR-22-35		PAGE: 4	
Sample	From m	To m	Length	DESCRIPTION	Litho Simple								
97419	17	18	1.00	s3/bt+v3	s3								
97420	18	19.5	1.50	s3/bt+v3	s3								
97421	19.5	20.9	1.40	s3/bt+qz-ab str	s3								
97422			0.00	Blank	#N/A								
97423	20.9	22	1.10	s3/v4+chl+bt	s3								
97424	22	23.5	1.50	s3/bt+qv	s3								
97425	23.5	25	1.50	s3/bt	s3								
97426	25	26.5	1.50	s3/bt	s3								
97427	26.5	28	1.50	s3/bt+v4+tr py	s3								
97428	28	29.5	1.50	s3/bt	s3								
97429	29.5	31	1.50	v3/tr+hb+ca+bx	v3								
97430	31	32.5	1.50	s3/bt	s3								
97431	32.5	34	1.50	s3/v4+bt+tr	s3								
97432	34	35	1.00	s3/bt+qz-ab str	s3								
97433	35	36	1.00	s3/bt+qz-ab str	s3								
97434	36	37	1.00	s3 + qz-ab vein + tr + acti + py	#N/A								
97435	37	38	1.00	s3/v3+bt+chl+tr	s3								
97436	38	39	1.00	s3/bt	s3								
97437	39	40.5	1.50	s3/qz-ab str	s3								
97438	40.5	42	1.50	s3/qz-ab str	s3								
97439	42	43.5	1.50	s3/qz-ab str	s3								
97440	43.5	45	1.50	s3/qz-ab str	s3								
97441	45	46	1.00	s3/qz-ab str	s3								
97442			0.00	Quarter cut	#N/A								
97443	46	47.5	1.50	s3/bt+v3+qz-ab-py vein	s3								
97444	47.5	48.5	1.00	s3/v3+bt+tr	s3								
97445			0.00	Coarse reject	#N/A								
97446	48.5	49.5	1.00	s3/bt	s3								
97447	49.5	50.5	1.00	s3/bt	s3								
97448	50.5	52	1.50	v3/bx+chl+bt+ab+tr py	v3								
97449	52	53.5	1.50	v3/bx+chl+bt+ab+tr py	v3								
97450	53.5	55	1.50	v3/bx+chl+bt+ab+tr py+qz-ab str with cr-dio	v3								
97451	55	56.25	1.25	v3/bx+chl+bt+ab+tr py+qz-ab str with cr-dio	v3								
97452			0.00	Blank	#N/A								
97453	56.25	57.25	1.00	v3/bx+chl+bt+ab+tr py+qz-ab str with cr-dio	v3								
97454	57.25	58.25	1.00	v3/bx+chl+bt+ab+tr py+qz-ab str with cr-dio	v3								
97455	58.25	59.5	1.25	v3/bx+chl+bt+ab+tr py+qz-ab str with cr-dio	v3								
97456	69	70.5	1.50	s3/v3 band	s3								
97457	70.5	72	1.50	s3/v3 band	s3								
97458	72	73.5	1.50	s3/v3+qv	s3								
97459	73.5	75	1.50	s3/bt	s3								
97460	75	76.5	1.50	s3/bt	s3								
97461	76.5	77.5	1.00	v3/s3+bt	v3								
97462			0.00	Coarse reject	#N/A								



97463	77.5	79	1.50 s3/bt	s3		
97464	79	80	1.00 s3/bt	s3		
97465			0.00 Quarter Cut		#N/A	
97466	80	81	1.00 s3/qv+py+chl	s3		
97467	81	82.5	1.50 s3/v3+py+bt	s3		
97468	82.5	84	1.50 s3/qv+py+bt	s3		
97469	94	95	1.00 s3/qv+gar+py-po	s3		
97470	100.1	101.5	1.40 s3/bt+qz-ab str	s3		au
97471	101.5	102.15	0.65 s3/bt+qz-ab vein + ser + tour	s3		au
97472			0.00 Blank		#N/A	au
97473	102.15	103.15	1.00 s3/bt+qz str	s3		au
97474	103.15	103.95	0.80 v4/chl+bt+tr py-po-cpy	v4		au
97475	103.95	105.15	1.20 s3/bt+qz str + tr py+weak sil	s3		au
97476	105.15	106.5	1.35 s3/bt	s3		au
97477	106.5	108	1.50 s3/bt+v4 band	s3		au
97478	108	109.5	1.50 s3/bt+qz veinlet	s3		au
97479	109.5	111	1.50 s3/bt+v4 band	s3		au
97480	111	112.5	1.50 s3/bt	s3		au
97481	112.5	114	1.50 s3/bt	s3		au
97482	114	115.5	1.50 s3/bt+qz-ab str +tr py	s3		au
97483	115.5	117	1.50 s3/bt+tr py+qz-ab str	s3		au
97484	117	118.5	1.50 s3/bt	s3		au
97485	118.5	120	1.50 s3/bt+v4 band	s3		au
97486	120	121	1.00 s3/bt+v4 band	s3		au
97487	121	122.5	1.50 s3/bt+qz-ab-tour veinlets	s3		au
97488	122.5	124	1.50 s3/bt+qz-ab-tour veinlets	s3		au
97489	124	125	1.00 s3/bt+v4 band	s3		au
97490	125	126	1.00 s3/bt	s3		au
97491	126	127	1.00 s3/bt+v4-ab-qz veinlet+py-po-as	s3		au
97492			0.00 Quarter cut		#N/A	au
97493	127	128.5	1.50 s3/bt+qz-tour veinlet	s3		au
97494	128.5	130	1.50 s3/bt+v4 band+qz-ab-py vein	s3		au
97495			0.00 Coarse reject		#N/A	au
97496	130	131.5	1.50 s3/bt	s3		au
97497	131.5	133	1.50 s3/bt+v4 bands	s3		
97498	133	134.5	1.50 s3/bt+v4 band	s3		
97499	134.5	135.5	1.00 s3/bt	s3		
97500	146.5	147.7	1.20 s3/cd+bt	s3		
90001	147.7	149	1.30 s6/py str	s6		
90002			0.00 Blank		#N/A	
90003	149	150	1.00 s6/py str	s6		
90004	150	151	1.00 s6/bt	s6		
90005	151	151.95	0.95 s6/bt+tr py str	s6		
90006	151.95	153.4	1.45 s6gp/py+po+sph+cpy	s6gp		
90007	153.4	154.5	1.10 v4/tr+ab str+ca+bt	v4		
90008	154.5	156	1.50 v4/tr+ab str+ca+bt	v4		
90009	156	157.4	1.40 v4/tr+ab str+ca+bt	v4		
90010	157.4	158.2	0.80 v4/bt+tr	v4		

90011	158.2	159.5	1.30 v4/tr+bt+ab str+ca	v4	
90012			0.00 Coarse reject		#N/A
90013	159.5	161	1.50 v4/tr+bt+ab str+ca	v4	
90014	161	162	1.00 v4/tr+bt+ab str+ca	v4	
90015			0.00 Quarter Cut		#N/A
90016	162	163.5	1.50 v4/bt+tr	v4	
90017	163.5	164.5	1.00 v4/bt+tr	v4	
90018	164.5	165.5	1.00 v4/bt+tr+talc	v4	
90019	165.5	167	1.50 v4/	v4	
90020	167	168.5	1.50 v4/	v4	
90021	168.5	169.6	1.10 v4/bt	v4	
90022			0.00 Blank		#N/A
90023	169.6	169.9	0.30 v4/po+ca	v4	
90024	169.9	171	1.10 ab shear/ab+py+po+sph+cpy	ab shear	
90025	171	172	1.00 ab shear/ab-v4 + po + s6gp	ab shear	
90026	172	173	1.00 ab shear/ab vein+py+po+sph	ab shear	
90027	173	174.45	1.45 ab shear/ab vein+py+po+sph	ab shear	
90028	174.45	175.5	1.05 v4/bt+hb	v4	
90029	175.5	177	1.50 v4/py+po	v4	
90030	177	178.5	1.50 v4/bt	v4	
90031	178.5	180	1.50 v4/bt	v4	
90032	180	181.5	1.50 v4/bt	v4	
90033	181.5	183	1.50 v4/bt	v4	
90034	183	184.5	1.50 v4/bt	v4	
90035	184.5	186	1.50 v4/bt	v4	
90036	186	187.5	1.50 v4/bt	v4	
90037	187.5	189	1.50 v4/	v4	
90038	189	190.5	1.50 v4/	v4	
90039	190.5	192	1.50 v4/bt	v4	
90040	192	193.15	1.15 v4/bt	v4	
90041	193.15	193.95	0.80 v4/hb+bt	v4	
90042			0.00 Quarter cut		#N/A
90043	193.95	195	1.05 v4/bt	v4	
90044	195	196	1.00 v4/bt	v4	
90045			0.00 Coarse reject		#N/A
90046	196	197	1.00 v4/hb+bt	v4	
90047	197	198	1.00 v4/talc	v4	
90048	198	199.5	1.50 v4/bt+talc	v4	
90049	199.5	201	1.50 v4/bt	v4	
90050	201	202.5	1.50 v4/bt	v4	
90051	202.5	204	1.50 v4/bt	v4	
90052			0.00 Blank		#N/A
90053	204	205.5	1.50 v4/bt	v4	
90054	205.5	207	1.50 v4/bt+talc	v4	
90055			0.00 standard		#N/A
90056	207	208.5	1.50 v4/	v4	
90057	208.5	210	1.50 v4/ca str	v4	
90058	210	211.5	1.50 v4/bt	v4	

90059	211.5	213	1.50 v4/bt	v4	
90060	213	214.5	1.50 v4/bt	v4	
90061	214.5	216	1.50 v4/bt	v4	
90062			0.00 Coarse reject		#N/A
90063	216	217.5	1.50 v4/fault	v4	
90064	217.5	219	1.50 v4/fault	v4	
90065			0.00 Quarter Cut		#N/A
90066	219	220.5	1.50 v4/talc+ca+po	v4	
90067	220.5	222	1.50 v4/ca	v4	
90068	222	223.5	1.50 v4/ca+qz-ab veinlet	v4	
90069	223.5	225	1.50 v4/hb+bt	v4	
90070	225	226.5	1.50 v4/bt+qv	v4	
90071	226.5	228	1.50 v4/hb	v4	
90072			0.00 Blank		#N/A
90073	228	229.5	1.50 v4/hb	v4	
90074	229.5	231	1.50 v4/hb	v4	
90075	231	232.5	1.50 v4/chl gouge	v4	
90076	232.5	234	1.50 v4/talc	v4	
90077	234	235.5	1.50 v4/qz-ab veinlet	v4	
90078	235.5	237	1.50 v4/bt	v4	
90079	237	238.5	1.50 v4/bt	v4	
90080	238.5	240	1.50 v4/bt	v4	
90081	240	241.5	1.50 v4/bt	v4	
90082	241.5	243	1.50 v4/bt+talc	v4	
90083	243	244.5	1.50 v4/bt+talc	v4	
90084	244.5	246	1.50 v4/bt+talc	v4	
90085	246	247	1.00 v4/bt+talc	v4	
90086	247	248.5	1.50 v4/bt+hb	v4	
90087	248.5	250	1.50 v4/bt	v4	
90088	250	250.9	0.90 v4/hb+v3?	v4	
90089	250.9	251.9	1.00 v4/hb+v3?	v4	
90090	251.9	253	1.10 v4/bt	v4	
90091	253	254.5	1.50 v4/bt+talc	v4	
90092			0.00 Quarter cut		#N/A
90093	254.5	255.7	1.20 v4/bt+talc	v4	
90094	255.7	257	1.30 v4/bt	v4	
90095			0.00 Coarse reject		#N/A
90096	257	258	1.00 v4/bt	v4	
90097	258	259.5	1.50 v4/hb+bt	v4	
90098	259.5	261	1.50 v4/hb+bt	v4	
90099	261	262.5	1.50 v4/bt+bx	v4	
90100	262.5	264	1.50 v4/bt	v4	
90101	264	265.5	1.50 v4/bt+bx	v4	
90102			0.00 Blank		#N/A
90103	265.5	267	1.50 v4/talc+ca	v4	
90104	267	268.5	1.50 v4/talc+ca	v4	
90105	268.5	270	1.50 v4/talc+ca	v4	
90106	270	271.5	1.50 v4/talc+ca	v4	

90107	271.5	273	1.50 v4/ca+talc	v4	
90108	273	274.5	1.50 v4/ca+talc	v4	
90109	274.5	276	1.50 v4/ca+talc	v4	
90110	276	277.5	1.50 v4/ca+talc	v4	
90111	277.5	279	1.50 v4/bt	v4	
90112			0.00 Coarse reject		#N/A
90113	279	280.5	1.50 v4/ca+talc	v4	
90114	280.5	282	1.50 v4/ca+talc	v4	
90115			0.00 Quarter Cut		#N/A
90116	282	283.45	1.45 v4/ca+talc	v4	
90117	283.45	284.45	1.00 v4/chl mud+talc	v4	
90118	284.45	285.5	1.05 v3/chl+bt+ca	v3	
90119	285.5	286.25	0.75 v3/chl+bt+ca	v3	
90120	286.25	287.25	1.00 v3/chl+bt+ca	v3	
90121	287.25	288.5	1.25 v4/talc+bt	v4	
90122			0.00 Blank		#N/A
90123	288.5	290	1.50 v4/talc+bt	v4	
90124	290	291.3	1.30 v4/talc+bt	v4	
90125	291.3	292.5	1.20 v4/talc+bt	v4	
90126	292.5	293.65	1.15 v4/talc+bt	v4	
90127	293.65	294.65	1.00 v4/talc+bt	v4	
90128	294.65	295.55	0.90 v3/bt+ca str	v3	
90129	295.55	296.85	1.30 v3/bt	v3	
90130	296.85	297.6	0.75 v4/bt+chl	v4	
90131	297.6	299	1.40 v4/v3+bt+chl	v4	
90132	299	300.5	1.50 v3/v4+chl+bt+ca str	v3	
90133	300.5	302	1.50 v3/bt+ca str+amygdules	v3	
90134	302	303.5	1.50 v3/bt+ca str	v3	
90135	303.5	305	1.50 v3/bt+ca str	v3	
90136	305	306.5	1.50 v3/bt+ca str	v3	
90137	306.5	307.9	1.40 v3/bt+ca str	v3	
90138	307.9	308.55	0.65 1d/ca+ab+bt	1d	
90139	308.55	310	1.45 v3/bt+ca str+tr py	v3	
90140	310	311.5	1.50 v3/bt+ca str+tr py	v3	
90141	311.5	312.5	1.00 v3/hb+bt+py+chl	v3	
90142			0.00 Quarter cut		#N/A
90143	312.5	313.6	1.10 v3/hb+bt	v3	
90144	313.6	315	1.40 v3/hb+bt	v3	
90145			0.00 Coarse reject		#N/A
90146	315	315.8	0.80 v3/ca str	v3	
90147	315.8	316.95	1.15 v4/chl mud+bt	v4	
90148	316.95	318.2	1.25		#N/A
90149	318.2	319.65	1.45 v3/ca str	v3	
90150	319.65	321	1.35 v3/ca+bt	v3	
90151	321	322.5	1.50 v4/talc	v4	
90152			0.00 Blank		#N/A
90153	322.5	324	1.50 v4/talc	v4	
90154	324	325.5	1.50 v4/talc	v4	

90155	325.5	327	1.50 v4/talc	v4
90156	327	327.85	0.85 v4/talc	v4
90157	327.85	328.7	0.85 v4/talc	v4

Box Lengths			Surimeau - November 2022			SUR-22-35			PAGE: 5		
DDH	Box Number	From m	To m	Box Length	DDH	Box Number	From m	To m	Box Length		
SUR-22-35	1	11.9	16.55	4.65							
SUR-22-35	2	16.55	20.95	4.4							
SUR-22-35	3	20.95	25.25	4.3							
SUR-22-35	4	25.25	29.7	4.45							
SUR-22-35	5	29.7	34.1	4.4							
SUR-22-35	6	34.1	38.7	4.6							
SUR-22-35	7	38.7	43	4.3							
SUR-22-35	8	43	47.4	4.4							
SUR-22-35	9	47.4	51.7	4.3							
SUR-22-35	10	51.7	56.2	4.5							
SUR-22-35	11	56.2	60.6	4.4							
SUR-22-35	12	60.6	64.85	4.25							
SUR-22-35	13	64.85	69.1	4.25							
SUR-22-35	14	69.1	73.6	4.5							
SUR-22-35	15	73.6	78	4.4							
SUR-22-35	16	78	82.4	4.4							
SUR-22-35	17	82.4	86.8	4.4							
SUR-22-35	18	86.8	91.2	4.4							
SUR-22-35	19	91.2	95.7	4.5							
SUR-22-35	20	95.7	100.1	4.4							
SUR-22-35	21	100.1	104.5	4.4							
SUR-22-35	22	104.5	108.9	4.4							
SUR-22-35	23	108.9	113.65	4.75							
SUR-22-35	24	113.65	117.7	4.05							
SUR-22-35	25	117.7	122.05	4.35							
SUR-22-35	26	122.05	126.4	4.35							
SUR-22-35	27	126.4	130.8	4.4							
SUR-22-35	28	130.8	135.15	4.35							
SUR-22-35	29	135.15	139.55	4.4							
SUR-22-35	30	139.55	143.9	4.35							
SUR-22-35	31	143.9	148.3	4.4							

SUR-22-35	32	148.3	152.6	4.3
SUR-22-35	33	152.6	157	4.4
SUR-22-35	34	157	161.5	4.5
SUR-22-35	35	161.5	165.75	4.25
SUR-22-35	36	165.75	170.1	4.35
SUR-22-35	37	170.1	174.5	4.4
SUR-22-35	38	174.5	178.9	4.4
SUR-22-35	39	178.9	183.15	4.25
SUR-22-35	40	183.15	187.65	4.5
SUR-22-35	41	187.65	191.95	4.3
SUR-22-35	42	191.95	196.3	4.35
SUR-22-35	43	196.3	200.65	4.35
SUR-22-35	44	200.65	204.4	3.75
SUR-22-35	45	204.4	209.3	4.9
SUR-22-35	46	209.3	213.75	4.45
SUR-22-35	47	213.75	218	4.25
SUR-22-35	48	218	222.1	4.1
SUR-22-35	49	222.1	226.5	4.4
SUR-22-35	50	226.5	230.9	4.4
SUR-22-35	51	230.9	235.2	4.3
SUR-22-35	52	235.2	239.6	4.4
SUR-22-35	53	239.6	244	4.4
SUR-22-35	54	244	248.45	4.45
SUR-22-35	55	248.45	252.75	4.3
SUR-22-35	56	252.75	257.1	4.35
SUR-22-35	57	257.1	261.5	4.4
SUR-22-35	58	261.5	266.05	4.55
SUR-22-35	59	266.05	270.45	4.4
SUR-22-35	60	270.45	274.9	4.45
SUR-22-35	61	274.9	279.2	4.3
SUR-22-35	62	279.2	283.6	4.4
SUR-22-35	63	283.6	287.95	4.35
SUR-22-35	64	287.95	292.25	4.3
SUR-22-35	65	292.25	296.7	4.45
SUR-22-35	66	296.7	301.05	4.35
SUR-22-35	67	301.05	305.5	4.45
SUR-22-35	68	305.5	309.75	4.25
SUR-22-35	69	309.75	314.1	4.35
SUR-22-35	70	314.1	318.4	4.3
SUR-22-35	71	318.4	322.85	4.45

SUR-22-35	72	322.85	327.15	4.3
SUR-22-35	73	327.15	328.7	1.55



RQD			Surimeau - November 2022		SUR-22-35		PAGE: 3	
FROM	TO	Length Core Run	$\Sigma$ pieces >10cm	RQD %				
12	15	3	2.3	76.67				
15	18	3	3	100.00				
18	21	3	2.9	96.67				
21	24	3	2.9	96.67				
24	27	3	3	100.00				
27	30	3	3	100.00				
30	33	3	3	100.00				
33	36	3	3	100.00				
36	39	3	2.9	96.67				
39	42	3	3	100.00				
42	45	3	2.9	96.67				
45	48	3	3	100.00				
48	51	3	3	100.00				
51	54	3	3	100.00				
54	57	3	2.8	93.33				
57	60	3	2.9	96.67				
60	63	3	2.7	90.00				
63	66	3	2.7	90.00				
66	69	3	2.9	96.67				
69	72	3	2.6	86.67				
72	75	3	2.6	86.67				
75	78	3	3	100.00				
78	81	3	2.9	96.67				
81	84	3	2.8	93.33				
84	87	3	2.9	96.67				
87	90	3	3	100.00				
90	93	3	2.9	96.67				
93	96	3	3	100.00				
96	99	3	2.7	90.00				
99	102	3	3	100.00				
102	105	3	2.7	90.00				
105	108	3	3	100.00				
108	111	3	2.9	96.67				
111	114	3	3	100.00				
114	117	3	3	100.00				

117	120	3	2.7	90.00
120	123	3	2.9	96.67
123	126	3	2.9	96.67
126	129	3	2.8	93.33
129	132	3	2.9	96.67
132	135	3	2.4	80.00
135	138	3	2.7	90.00
138	141	3	2.2	73.33
141	144	3	2.7	90.00
144	147	3	2.9	96.67
147	150	3	2.9	96.67
150	153	3	2.9	96.67
153	156	3	2.9	96.67
156	159	3	3	100.00
159	162	3	3	100.00
162	165	3	2.7	90.00
165	168	3	2.9	96.67
168	171	3	3	100.00
171	174	3	2.9	96.67
174	177	3	2.65	88.33
177	180	3	3	100.00
180	183	3	3	100.00
183	186	3	2.8	93.33
186	189	3	3	100.00
189	192	3	3	100.00
192	195	3	2.8	93.33
195	198	3	2.5	83.33
198	201	3	3	100.00
201	204	3	2.9	96.67
204	207	3	2.8	93.33
207	210	3	3	100.00
210	213	3	2.9	96.67
213	216	3	3	100.00
216	219	3	1.5	50.00
219	222	3	2.8	93.33
222	225	3	2.7	90.00
225	228	3	2.4	80.00
228	231	3	2.9	96.67
231	234	3	2.6	86.67
234	237	3	2.8	93.33

237	240	3	3	100.00
240	243	3	3	100.00
243	246	3	3	100.00
246	249	3	2.9	96.67
249	252	3	2.45	81.67
252	255	3	3	100.00
255	258	3	3	100.00
258	261	3	2.9	96.67
261	264	3	2.8	93.33
264	267	3	2.65	88.33
267	270	3	2.8	93.33
270	273	3	2.9	96.67
273	276	3	3	100.00
276	279	3	2.8	93.33
279	282	3	3	100.00
282	285	3	1.9	63.33
285	288	3	2.7	90.00
288	291	3	3	100.00
291	294	3	2.5	83.33
294	297	3	3	100.00
297	300	3	2.9	96.67
300	303	3	2.9	96.67
303	306	3	3	100.00
306	309	3	2.9	96.67
309	312	3	3	100.00
312	315	3	2.8	93.33
315	318	3	3	100.00
318	321	3	2.8	93.33
321	324	3	2.8	93.33
324	327	3	2.6	86.67
327	328.7	1.7	1.7	100.00



## Minroc Management

FROM	TO	LITHO	LITHO SIMPLE		Angle TCA
0	8	OB		Overburden	
8	38.8	s3	s3	Pontiac sediments bedding at 50 deg TCA , narrow band of amphibolized ultramafic from 23.8-24.5 m with sharp contacts, corderites and staurolites from 30.1-33.1m	50
<b>Structure</b>					
9.5	9.65	qv		bull white qv , sharp margins , no sulphide	
12.5	38.8	qv		numerous fine qz stringers randomly oriented	
14.55	15.55	ab		ab veinlet sharp upper margin at 50 deg TCA , vein contains tremolite/actinoite needles. Very gradual lower margin with finer trem / act	50
19	19.05	ab		ab veinlet sharp lower margin cross cutting bedding , contains tremolite/actinoite needles.	
20.95	21.65	qv		brownish white qv with rock fragments and tourmaline within , sharp irregular margins at ~30 deg TCA	30
24.8	25	ab		ab veinlet gradual upper and lower margin cross cutting bedding , contains tremolite/actinoite needles.	
26.5	27.05	qv		grey-brown irregular qv with crystallized quartz , wispy irregular margins , roughly conc to bedding at 50 deg TCA	
29.7	29.75	ab		ab veinlet gradual upper and sharp lower margin cross cutting bedding , contains tremolite/actinoite needles.	
35.55	35.7	blocky		blocky core	
<b>Alteration</b>					
8	38.8	bt		weak to mod biotite overprint throughout	
14.55	15.55	ab		albitization within a upto 5 cm around the ab veinlets	
19	19.05	ab		albitization within a upto 5 cm around the ab veinlets	
23.8	24.5	hb		mod amphibolization within band of ultramafic	
23.8	24.5	chl		mod chloritization within band of ultramafic	
24.8	25	ab		albitization within a upto 5 cm around the ab veinlets	
30.1	33.1	cord		pontiac seds with corderite and staurolites	
<b>Mineralization</b>					
14.55	15.55	py		trace to 1 % py within ab veinlets	
19	19.05	py		trace to 1 % py within ab veinlets	
24.8	25	py		trace to 1 % py within ab veinlets	
38.8	53.7	v3	v3	Primarily greenish-brown mafic volcanics within Pontiac sediments . , sharp upper and lower contacts with the pontiacs at 40 and 60 deg TCA respectively . Band of weak albitization within mafic volcanic with associated po, py mineralization from 41.25-41.8m . Band of mod to strong albitization with mineralization from 47.3-48.6 within pontiac sediments , both the albitization bands have very gradual contacts. Pontiac sediments from 41.8-47.3m . 49.9-52.05 could possibly be calc-sil protolith as it has a very uncanny resemblance	50
<b>Structure</b>					
45	45.35	ab		~10 cm ab vein cross cutting bedding/foliation with tremolite needles and a ~5-10 cm halo around	
<b>Alteration</b>					
38.8	41.8	bt, hb , carb		mod biotitization with weak carb bands within mafic volcanics.	
38.8	41.8	chl		mod chloritization within mafic volcanics	
41.25	41.8	ab		weak albitization within mafic volcanics with trace mineralization	
47.3	48.6	ab		mod albitization within pontiac sediments. Albitization has a 10 cm halo at upper contact and a sharp lower contact with mafic volcanics	
48.6	53.7	bt, hb , carb		mod biotitization with weak carb bands within mafic volcanics.	
48.6	53.7	chl		mod chloritization within mafic volcanics	
<b>Mineralization</b>					
41.25	41.8	py		trace to 1 % po , py within mafic volcanics	
45	45.35	po, py		trace to 1 % po, py within ab vein and its halo	
47.3	48.6	py		1-2 % py, po within band of mod to strong albitization	
49.9	53.7	py, po		trace to 1% po , py , upto 2 % within zones of albitization	
57.3	141.9	s3	s3	Pontiac sediments bedded at 60 deg TCA , sharp upper contact, narrow bands of amphibolized mafic volcanics or ultramafics with sharp contacts from 64.5-64.6m, 65.15-65.2m, 67.75-68.75m, 69.1-69.15m, 70.95-71m, 73.1-73.45m, 94.15-94.5m, 96.3-96.55m, 102-102.45m, 118.65-119m, 119.2-119.4m, 123.45-123.7m 125.45-126.35m, 127.45-127.8m, 129.85-130.1m, 131.8-132.05m, 133.6-133.7m, 133.9-134m, 134.6-134.8m, 135.2-135.3m, 137.2-137.4m. Occasional qz-ca, qz veinlets and stringers throughout the sediments, occasional graded bedding. Cd-bt-ms bearing overall, cordierite zones from 88.3-93.25m, 108.8-109.15m, staurolite zone from 127.4-141.9m	60
<b>Structure</b>					
55	53.6	qv		few qv , qz-ab veinlets with ser and garnets	
58.9	58.95	blocky		slightly blocky core	
60	60.05	qv		thin 2 mm qv cross cutting bedding , with trace po	
61	63	blocky		slightly blocky core	
91.5	91.75	fault		faulted and displaced fracture or veinlet with wispy ab alt surrounding it, fracture oriented 25deg TCA.	25
94.15	99.45	qz-ab		irregular qz-ab veinlets/stringers within and at bottom contact of v3 band	
112.9	112.95	blocky		blocky core	
119.4	119.5	chl mud		chlorite mud	
123.3	123.4	blocky		blocky core	
125.45	125.55	qz ab ser		qz-ab-ser veining at top contact of v4 band, well mineralized with py-po	
126.2	126.25	qz-ab		qz-ab veinlet at bottom contact of v4, well mineralized with po	
127.6	127.65	qz-ab		qz-ab veinlet at bottom contact of v4, well mineralized with po	
<b>Alteration</b>					
57.3	141.9	bt		weak to mod bt alt throughout	
60.7	63	ab, ser		weak wispy ab or sercite alt in sediments	
67.7	67.75	ab		narrow band of mod ab alt, 1-2% fine diss py in band of ab	
125.45	125.55	qz ab ser		qz-ab-ser veining at top contact of v4 band, well mineralized with py-po	

<b>Mineralization</b>				
60.7	64.35	py	trace fine to med py throughout	
64.35	64.75	py	1-3% fine diss py within and around narrow v3 band	
67.7	67.75	py	1-2% fine diss py in narrow band of albite alt	
69.1	69.15	py	1-2% fine diss py in narrow band of v3	
70.95	71	py	1-2% fine diss py in narrow band of v3	
73.1	73.45	py	1-2% fine diss py in narrow band of v3	
75.5	77	py	trace fine to med py in qz-ab veinlets and stringers throughout interval	
80.8	80.85	py	3-5% fine to med diss py in qz-ab veinlet	80
82.75	84.5	py	trace fine to med py in qz-ab veinlets and stringers throughout interval	
91.5	91.75	py	1-3% fine to med diss py in and along faulted fractures with wispy ab alt surrounding it, fracture oriented 25deg TCA.	25
94.15	94.5	py	1-3% fine to med diss py in narrow v3 band	
96.3	96.55	py	1-3% fine to med diss py in narrow v3/v4 band	
96.55	99.5	py	trace fine to med py in qz-ab veinlets and stringers throughout interval	
125.45	125.55	py,po	3-5% fine to med diss py-po in band of qz-ab-ser alt	
125.55	126.35	py,po	trace fine to med py,po in v4 band, 1% med clotty py-po in qz-ab veinlet 126.2-126.25m	
126.9	127.1	py	1-3% fine to med diss py in narrow v3/v4 band	
129.75	129.8	py	1-3% fine to med diss py in narrow v3/v4 band	
140.4	140.6	py	fine to med py-po stringers along fracture planes	
<b>141.9</b>	<b>147.6</b>	<b>s6</b>	<b>Fine grained siltstone sediments, bedded at 70deg TCA. Frequent bands of graphitic mudstone between 145.15-145.75m, ab shear zone from 145.7-146.55 and 146.7-147.6m. Narrow v4 band 143.3-143.8m and 146.4-146.55m, irregular upper and lower contact. Overall dark grey-brown colour. Weak to mod mag throughout. strongest with po.</b>	<b>70</b>
<b>Structure</b>				
145.15	145.75	s6gp	frequent 2-15cm graphitic mudstone beds, well mineralized, patchy silicification	
145.7	146.55	ab shear	ab shear zone, narrow s6gp beds, possibly silicified s6??? Well mineralized	
146.7	147.6	ab shear	frequent 2-15cm graphitic mudstone beds, well mineralized, patchy silicification	
<b>Alteration</b>				
141.9	145.15	bt	weak to mod bt alt	
145.15	145.75	sil	patchy silicification	
145.7	146.55	ab or sil	mod to strong ab alt (ab shear) or sil?	
146.7	147.6	ab or sil	mod to strong ab alt (ab shear) or sil?	
<b>Mineralization</b>				
141.9	145.2	py, po	trace to 1% fine disseminations, clots and stringers throughout	
145.2	145.75	py,po,sph,cpy	5-7% sulfide overall as fine to med stringers, clots and nodules	
145.75	146.4	py,po,sph,cpy	15-20% sulfide overall as fine to coarse stringers, clots and nodules in ab shear	
146.4	147.6	py,po,sph,cpy	5-7% sulfide overall as fine to med stringers, clots and nodules	
<b>147.6</b>	<b>152</b>	<b>v4</b>	<b>Massive to weakly foliated ultramafic, brownish-green colour, bt-tr alt throughout, sharp upper and lower contacts. Weak to mod mag throughout.</b>	<b>50</b>
<b>Structure</b>				
150.8	151	qz-ca-ab	1-5mm qz-ab-ca veinlets and stringers, conc to fol	50
<b>Alteration</b>				
147.6	152	bt, tr	weak to mod bt and tr alt throughout	
<b>Mineralization</b>				
151.8	152	po	1-3% fine diss py approaching bottom contact of unit.	
<b>152</b>	<b>153</b>	<b>ab shear</b>	<b>Ab shear zone, strong fol at 50deg TCA, blue-grey-reddish bands conc to fol throughout, mod to strong mag, green tremolized/calc sil bands throughout. Well mineralized</b>	<b>50</b>
<b>Alteration</b>				
152	153	ab, tr	ab shear zone, ab alt, greenish tr bands - calc sil or tr v4?	
<b>Mineralization</b>				
152	153	py,po,cpy,sph,pent	15-20% sulfide overall as fine to coarse clots/nodules, stringers along foliation	
<b>153</b>	<b>154.4</b>	<b>calc sil</b>	<b>calc silicate, green-brown colour overall, bands of tr and ab alt, well mineralized. Weak patchy mag throughout. Sharp upper and lower contacts.</b>	<b>50</b>
<b>Alteration</b>				
153	154.4	calc sil, ab, tr	calc sil zone, ab alt and bands of green tr throughout	
<b>Mineralization</b>				
153	154.4	py,po, pent	2-5% sulfide overall as fine to med stringers of py,po and trace pent.	
<b>154.4</b>	<b>156.05</b>	<b>s6gp</b>	<b>Graphitic mudstone, dark grey-black colour, very fine grained, strong fol/bedding at 60deg TCA. Sharp upper and lower contacts. Weak to mod mag throughout.</b>	<b>60</b>
<b>Mineralization</b>				
154.4	156.05	py,po,sph,cpy	15-20% sulfide overall as very fine to fine disseminations, fine to med stringers and nodules, generally conc to fol	60
<b>156.05</b>	<b>156.9</b>	<b>ab shear</b>	<b>Ab shear zone, strong fol at 50deg TCA, blue-grey-reddish bands conc to fol throughout, mod to strong mag, green tremolized/calc sil bands throughout. Well mineralized</b>	<b>50</b>
<b>Alteration</b>				
156.05	156.9	ab, tr	ab shear zone, ab alt, greenish tr bands - calc sil or tr v4?	
<b>Mineralization</b>				

156.05	156.9	py,po,cpy,sph,po ent	15-20% sulfide overall as fine to coarse clots/nodules, stringers along foliation
<b>156.9</b>	<b>255</b>	<b>v4</b>	<b>Massive to weakly foliated green-blue green ultramafic, patchy weak to mod mag throughout. Flow tops are often biotitized and brecciated.</b>
<b>Structure</b>			
167.6	168	ca	irregular 1-3cm ca stringers and veinlets
185	185.15	mud	chlorite mud
206.7	207	bx	minor brecciation, talc and chl mud, possible fault?
209.5	216.15	chl mud, bx, ab	frequent narrow 5cm bands of chl-talc mud and zones of brecciation. Fault zone? Frequent ab veinlets and stringers throughout
236.2	238.5	chl mud, bx, ab	frequent narrow 5cm bands of chl-talc mud and zones of brecciation. Fault zone? Frequent ab veinlets and stringers throughout
254.25	254.35	1d	narrow 1d band, hb alt + carb alt
254.4	254.45	1d	narrow 1d band, hb alt + carb alt
<b>Alteration</b>			
156.9	177.5	tr	weak to mod tr alt throughout,
184.5	185	bt	weak to mod bt alt, chl mud at bottom of interval
188.5	189.7	bt	weak to mod bt alt
185	255	talc	weak to mod talc alt
222.8	236.2	bt, tr	weak to mod bt-tr alt throughout, very strong bt alt from 223.8-224.2m, 231.5-231.6m.
238.5	244.6	bt, tr	weak to mod bt-tr alt throughout
244.6	255	tr	weak tr alt
254.25	254.35	carb, hb	weak hb and carb alt in narrow 1d band
254.4	254.45	carb, hb	weak hb and carb alt in narrow 1d band
<b>Mineralization</b>			
156.9	168	po	trace fine to med po
172	185	po	trace fine to med po
209.5	216.15	po	trace fine to med po

SAMPLES			Surimeau - November 2022							SUR-22-36		PAGE: 4	
Sample	From m	To m	Length	DESCRIPTION	Litho Simple								
90158	12.4	13.9	1.50	s3/gar	s3								
90159	13.9	15.15	1.25	s3/ab vein+ trem/ act+py	s3								
90160	15.15	16.65	1.50	s3/qvs	s3								
90161	21	22	1.00	s3/grey qv+tourmaline	s3								
90162			0.00	Coarse reject	#N/A								
90163	22	23.5	1.50	s3/fine qvs	s3								
90164	23.5	25	1.50	s3/ narrow v4+ab vein with trem+py	s3								
90165			0.00	Quarter Cut	#N/A								
90166	25	26.5	1.50	s3/	s3								
90167	26.5	27.5	1.00	s3/	s3								
90168	27.5	29	1.50	s3/gar	s3								
90169	29	30	1.00	s3/ ab trem veinlet	s3								
90170	30	31.5	1.50	s3/cord+staurolite	s3								
90171	31.5	33	1.50	s3/cord+staurolite	s3								
90172			0.00	Blank	#N/A								
90173	33	34.5	1.50	s3/cord+staurolite	s3								
90174	34.5	36	1.50	s3/	s3								
90175	36	37.4	1.40	s3/qz stringrs	s3								
90176	37.4	38.8	1.40	s3/	s3								
90177	38.8	40.3	1.50	v3/py+po	v3								
90178	40.3	41.8	1.50	v3/carb+wk ab +py+po	v3								
90179	41.8	42.8	1.00	s3/	s3								
90180	42.8	43.8	1.00	s3/	s3								
90181	43.8	45	1.20	s3/	s3								
90182	45	46	1.00	s3/ab trem veinlet	s3								
90183	46	47.3	1.30	s3/ thin ab trem veinlet	s3								
90184	47.3	48.6	1.30	s3/ab+alt+trem + po (1-2%)	s3								
90185	48.6	49.9	1.30	v3/wk carb+bt+hb	v3								
90186	49.9	51	1.10	v3/ wk carb+bt+hb+py+po(calc-sil protolith ?)	v3								
90187	51	52.4	1.40	v3/ wk carb+bt+hb+py+po(calc-sil protolith ?)	v3								
90188	52.4	53.7	1.30	v3/ wk carb+bt+hb+py+po(calc-sil protolith ?)	v3								
90189	53.7	54.7	1.00	s3/	s3								
90190	54.7	55.5	0.80	s3/qv+gar+ser	s3								
90191	55.5	57	1.50	s3/qv	s3								
90192			0.00	Quarter cut	#N/A								
90193	57	58.5	1.50	s3/	s3								
90194	58.5	60	1.50	s3/	s3								
90195			0.00	Coarse reject	#N/A								
90196	60	61.5	1.50	s3/qv+po	s3								
90197	61.5	63	1.50	s3/qv+po	s3								
90198	63	64.5	1.50	s3/bt+v3+chl+hb+ca str	s3								
90199	64.5	65.45	0.95	s3/bt+v3+chl+hb+ca str+tr py	s3								
90200	65.45	66.45	1.00	s3/bt+v3+chl+hb+ca	s3								
90201	66.45	67.75	1.30	s3/bt	s3								



90202			0.00 Blank		#N/A
90203	67.75	68.75	1.00 s3/bt+v3+chl+hb+ca str	s3	
90204	68.75	70	1.25 s3/bt+v3+chl+hb+ca str	s3	
90205			standard		#N/A
90206	70	71	1.00 s3/bt+qz-ab str	s3	
90207	71	72	1.00 s3/bt+qz-ab str	s3	
90208	72	73.1	1.10 s3/bt+qz-ab str	s3	
90209	73.1	74	0.90 s3/bt+v3+chl+hb+ca	s3	
90210	74	75.5	1.50 s3/bt	s3	
90211	75.5	77	1.50 s3/bt	s3	
90212			0.00 Coarse reject		#N/A
90213	77	78.5	1.50 s3/bt	s3	
90214	78.5	80	1.50 s3/bt	s3	
90215			0.00 Quarter Cut		#N/A
90216	80	81.5	1.50 s3/bt	s3	
90217	81.5	83	1.50 s3/bt+qz-ab veinlets+tr py	s3	
90218	83	84.5	1.50 s3/bt+qz-ab veinlets+tr py	s3	
90219	90	91.5	1.50 s3/bt+qz-ab veinlets+tr py	s3	
90220	91.5	93	1.50 s3/bt+fault with ab alt+py	s3	
90221	93	94.5	1.50 s3/bt+v3+qz-ab str+tr py	s3	
90222			0.00 Blank		#N/A
90223	94.5	96	1.50 s3/bt	s3	
90224	96	97	1.00 s3/v4+ab+9py	s3	
90225	97	98	1.00 s3/qz-ab veinlets	s3	
90226	98	99	1.00 s3/qv	s3	
90227	99	100.5	1.50 s3/qv	s3	
90228	100.5	102	1.50 s3/qv+chl+py	s3	
90229	102	103	1.00 v3/bt+tr+py	v3	
90230	103	104.5	1.50 s3/ bt	s3	
90231	104.5	106	1.50 s3/bt+qv+py	s3	
90232	106	107.5	1.50 s3/bt+qv+py	s3	
90233	124	125.45	1.45 s3/bt	s3	
90234	125.45	126.35	0.90 v4/bt+ab+py-po+qz-ab-ser alt	v4	
90235	126.35	127.1	0.75 s3/bt+v4+ab+chl+py	s3	
90236	127.1	127.8	0.70 s3/bt+v4+ab+chl+py	s3	
90237	127.8	129.05	1.25 s3/bt	s3	
90238	129.05	130.1	1.05 s3/bt+v4+chl+tr py	s3	
90239	130.1	131.1	1.00 s3/bt	s3	
90240	139.35	140.1	0.75 s3/stauroilite+bt	s3	
90241	140.1	140.9	0.80 s3/bt+py str+cord	s3	
90242			0.00 Quarter cut		#N/A
90243	140.9	141.9	1.00 s3/bt+stauroilite+s6gp+py	s3	
90244	141.9	143.3	1.40 s3/s6gp beds+fine py	s3	
90245			0.00 Coarse reject		#N/A
90246	143.3	143.8	0.50 v4/ab+bt	v4	
90247	143.8	144.95	1.15 s3/s6+bt+tr py	s3	
90248	144.95	145.6	0.65 s6gp/py+po+cpy+tr sph	s6gp	
90249	145.6	146.55	0.95 ab shear/s6gp+py+po+cpy+tr sph	ab shear	

90250	146.55	147.6	1.05 ab shear/s6+v4 band+py+po	ab shear	
90251	147.6	149	1.40 v4/bt	v4	
90252			0.00 Blank		#N/A
90253	149	150	1.00 v4/bt+tr+ab shear+po+py+cpy+sph	v4	
90254	150	151	1.00 v4/ab str+bt	v4	
90255	151	152	1.00 v4/bt	v4	
90256	152	153	1.00 ab shear/calc sil bands+v4 bands+py+po+sph+cpy+pent	ab shear	
90257	153	154.4	1.40 calc sil/oy+po+cpy+sph+pent	calc sil	
90258	154.4	155.25	0.85 s6gp/py+po+sph	s6gp	
90259	155.25	156.05	0.80 s6gp/py+po+sph	s6gp	
90260	156.05	156.9	0.85 ab shear/calc sil + v4+py+po+sph+tr cpy+tr pent	ab shear	
90261	156.9	157.9	1.00 v4/tr	v4	
90262			0.00 Coarse reject		#N/A
90263	157.9	159	1.10 v4/tr	v4	
90264	159	160.5	1.50 v4/tr	v4	
90265			0.00 Quarter Cut		#N/A
90266	160.5	162	1.50 v4/tr	v4	
90267	162	163.5	1.50 v4/tr	v4	
90268	163.5	165	1.50 v4/tr	v4	
90269	165	166.5	1.50 v4/tr	v4	
90270	166.5	168	1.50 v4/tr	v4	
90271	168	169.5	1.50 v4/tr	v4	
90272			0.00 Blank		#N/A
90273	169.5	171	1.50 v4/tr	v4	
90274	171	172.5	1.50 v4/	v4	
90275	172.5	174	1.50 v4/	v4	
90276	174	175.5	1.50 v4/tr py	v4	
90277	175.5	177	1.50 v4/tr py+bt	v4	
90278	177	178.5	1.50 v4/bt	v4	
90279	178.5	180	1.50 v4/	v4	
90280	180	181.5	1.50 v4/	v4	
90281	181.5	183	1.50 v4/tr py	v4	
90282	183	184.5	1.50 v4/tr py	v4	
90283	184.5	186	1.50 v4/fault+chl	v4	
90284	186	187.5	1.50 v4/	v4	
90285	187.5	189	1.50 v4/	v4	
90286	189	190.5	1.50 v4/bt	v4	
90287	190.5	192	1.50 v4/ca str	v4	
90288	192	193.5	1.50 v4/	v4	
90289	193.5	195	1.50 v4/ca str	v4	
90290	195	196.5	1.50 v4/ca str	v4	
90291	196.5	198	1.50 v4/ca str	v4	
90292			0.00 Quarter cut		#N/A
90293	198	199.5	1.50 v4/	v4	
90294	199.5	201	1.50 v4/	v4	
90295			0.00 Coarse reject		#N/A
90296	201	202.5	1.50 v4/	v4	
90297	202.5	204	1.50 v4/	v4	

90298	204	205.5	1.50 v4/	v4	
90299	205.5	207	1.50 v4/chl+talc	v4	
90300	207	208.5	1.50 v4/chl+talc	v4	
90301	208.5	210	1.50 v4/chl+talc	v4	
90302			0.00 Blank		#N/A
90303	210	211.5	1.50 v4/chl+talc	v4	
90304	211.5	213	1.50 v4/chl+talc	v4	
90305	213	214.5	1.50 v4/chl+talc	v4	
90306	214.5	216	1.50 v4/chl+talc	v4	
90307	216	217.5	1.50 v4/chl+talc	v4	
90308	217.5	219	1.50 v4/chl+talc	v4	
90309	219	220.5	1.50 v4/chl+talc	v4	
90310	220.5	222	1.50 v4/ca+talc	v4	
90311	222	223.5	1.50 v4/bt+ca str	v4	
90312			0.00 Coarse reject		#N/A
90313	223.5	225	1.50 v4/bt+ca str	v4	
90314	225	226.5	1.50 v4/tr po	v4	
90315			0.00 Quarter Cut		#N/A
90316	226.5	228	1.50 v4/	v4	
90317	228	229.5	1.50 v4/	v4	
90318	229.5	231	1.50 v4/bt+talc	v4	
90319	231	232.5	1.50 v4/	v4	
90320	232.5	234	1.50 v4/bt+talc	v4	
90321	234	235.5	1.50 v4/bt	v4	
90322			0.00 Blank		#N/A
90323	235.5	237	1.50 v4/bt	v4	
90324	237	238.5	1.50 v4/talc+chl	v4	
90325	238.5	240	1.50 v4/bt	v4	
90326	240	241.5	1.50 v4/ca str	v4	
90327	241.5	243	1.50 v4/ca str	v4	
90328	243	244.5	1.50 v4/hb	v4	
90329	244.5	246	1.50 v4/	v4	
90330	246	247.5	1.50 v4/	v4	
90331	247.5	249	1.50 v4/	v4	
90332	249	250.5	1.50 v4/	v4	
90333	250.5	252	1.50 v4/	v4	
90334	252	253.5	1.50 v4/	v4	
90335	253.5	255	1.50 v4/bt	v4	

Box Lengths					Surimeau - November 2022					SUR-22-36		PAGE: 5	
DDH	Box Number	From m	To m	Box Length	DDH	Box Number	From m	To m	Box Length				
SUR-22-36	1	8	12.4	4.4									
SUR-22-36	2	12.4	16.7	4.3									
SUR-22-36	3	16.7	21.1	4.4									
SUR-22-36	4	21.1	25.55	4.45									
SUR-22-36	5	25.55	30	4.45									
SUR-22-36	6	30	34.4	4.4									
SUR-22-36	7	34.4	38.85	4.45									
SUR-22-36	8	38.85	43.25	4.4									
SUR-22-36	9	43.25	47.75	4.5									
SUR-22-36	10	47.75	52.05	4.3									
SUR-22-36	11	52.05	56.4	4.35									
SUR-22-36	12	56.4	60.7	4.3									
SUR-22-36	13	60.7	64.95	4.25									
SUR-22-36	14	64.95	69.35	4.4									
SUR-22-36	15	69.35	73.7	4.35									
SUR-22-36	16	73.7	78.1	4.4									
SUR-22-36	17	78.1	82.45	4.35									
SUR-22-36	18	82.45	86.8	4.35									
SUR-22-36	19	86.8	91.95	5.15									
SUR-22-36	20	91.95	95.6	3.65									
SUR-22-36	21	95.6	99.9	4.3									
SUR-22-36	22	99.9	104.3	4.4									
SUR-22-36	23	104.3	108.8	4.5									
SUR-22-36	24	108.8	113.1	4.3									
SUR-22-36	25	113.1	117.5	4.4									
SUR-22-36	26	117.5	121.8	4.3									
SUR-22-36	27	121.8	126.2	4.4									
SUR-22-36	28	126.2	130.6	4.4									
SUR-22-36	29	130.6	134.95	4.35									
SUR-22-36	30	134.95	139.35	4.4									
SUR-22-36	31	139.35	143.7	4.35									

SUR-22-36	32	143.7	148	4.3
SUR-22-36	33	148	152.2	4.2
SUR-22-36	34	152.2	156.6	4.4
SUR-22-36	35	156.6	160.9	4.3
SUR-22-36	36	160.9	165.3	4.4
SUR-22-36	37	165.3	169.7	4.4
SUR-22-36	38	169.7	174.05	4.35
SUR-22-36	39	174.05	178.5	4.45
SUR-22-36	40	178.5	182.95	4.45
SUR-22-36	41	182.95	187.3	4.35
SUR-22-36	42	187.3	191.6	4.3
SUR-22-36	43	191.6	196	4.4
SUR-22-36	44	196	200.45	4.45
SUR-22-36	45	200.45	204.85	4.4
SUR-22-36	46	204.85	209.2	4.35
SUR-22-36	47	209.2	213.5	4.3
SUR-22-36	48	213.5	217.7	4.2
SUR-22-36	49	217.7	222	4.3
SUR-22-36	50	222	226.3	4.3
SUR-22-36	51	226.3	230.75	4.45
SUR-22-36	52	230.75	235.05	4.3
SUR-22-36	53	235.05	239.4	4.35
SUR-22-36	54	239.4	243.75	4.35
SUR-22-36	55	243.75	248.1	4.35
SUR-22-36	56	248.1	252.05	3.95
SUR-22-36	57	252.05	255	2.95

RQD			Surimeau - November 2022		SUR-22-36		PAGE: 3	
FROM	TO	Length Core Run	$\Sigma$ pieces >10cm	RQD %				
9	12	3	2.4	80.00				
12	15	3	3	100.00				
15	18	3	3	100.00				
18	21	3	2.9	96.67				
21	24	3	3	100.00				
24	27	3	2.9	96.67				
27	30	3	2.9	96.67				
30	33	3	3	100.00				
33	36	3	2.65	88.33				
36	39	3	2.6	86.67				
39	42	3	2.9	96.67				
42	45	3	3	100.00				
45	48	3	3	100.00				
48	51	3	2.9	96.67				
51	54	3	2.9	96.67				
54	57	3	3	100.00				
57	60	3	2.4	80.00				
60	63	3	2.4	80.00				
63	66	3	2.3	76.67				
66	69	3	2.9	96.67				
69	72	3	2.8	93.33				
72	75	3	3	100.00				
75	78	3	3	100.00				
78	81	3	2.9	96.67				
81	84	3	2.9	96.67				
84	87	3	2.8	93.33				
87	90	3	3	100.00				
90	93	3	2.8	93.33				
93	96	3	2.7	90.00				
96	99	3	3	100.00				
99	102	3	3	100.00				
102	105	3	3	100.00				
105	108	3	3	100.00				
108	111	3	2.9	96.67				
111	114	3	2.8	93.33				

114	117	3	2.7	90.00
117	120	3	2.4	80.00
120	123	3	2.8	93.33
123	126	3	2.8	93.33
126	129	3	2.9	96.67
129	132	3	3	100.00
132	135	3	3	100.00
135	138	3	3	100.00
138	141	3	2.8	93.33
141	144	3	2.6	86.67
144	147	3	2.9	96.67
147	150	3	3	100.00
150	153	3	2.9	96.67
153	156	3	2.8	93.33
156	159	3	2.9	96.67
159	162	3	3	100.00
162	165	3	3	100.00
165	168	3	3	100.00
168	171	3	1.7	56.67
171	174	3	3	100.00
174	177	3	3	100.00
177	180	3	3	100.00
180	183	3	3	100.00
183	186	3	2.9	96.67
186	189	3	2.8	93.33
189	192	3	2.8	93.33
192	195	3	2.8	93.33
195	198	3	3	100.00
198	201	3	3	100.00
201	204	3	2.9	96.67
204	207	3	3	100.00
207	210	3	3	100.00
210	213	3	2.8	93.33
213	216	3	2.4	80.00
216	219	3	2.8	93.33
219	222	3	2.6	86.67
222	225	3	2.8	93.33
225	228	3	2.9	96.67
228	231	3	3	100.00
231	234	3	2.6	86.67

234	237	3	2.7	90.00
237	240	3	2.7	90.00
240	243	3	2.7	90.00
243	246	3	2.9	96.67
246	249	3	3	100.00
249	252	3	3	100.00
252	255	3	3	100.00





## Minroc Management

FROM	TO	LITHO	LITHO SIMPLE		Angle TCA
0	3.65	OB		Overburden	
3.65	12.9	s3	s3	Pontiac sediments bedded at 40deg TCA, gradual lower contact., Cd-bt-ms bearing assemblage, occasional graded bedding. Lower contact zone contains frequent narrow qz-ab stringers and veinlets, generally concordant to foliation, bottom contact zone is weak to mod albitized and tr altered approaching underlying ultramafics	40
<b>Structure</b>					
3.65	12.9	blocky		blocky core overall, wide blocky zones	
<b>Alteration</b>					
3.65	12.9	cd,bt,ms		cd-bt-ms bearing assemblage	
7.25	7.35	ab		narrow band of mod to strong albite alteration	
12	12.9	ab, tr		bottom contact zone is weak to mod albitized and tr altered approaching underlying ultramafics	
<b>Mineralization</b>					
3.65	12	py,po		trace to locally 2% fine to med disseminations of py-po and fine stringers concordant to foliation	
12	12.9	py,po,sph		3-5% fine to med stringers and clots of py,po, tr sph	
12.9	28.45	v4	v4	Ultramafics, mod foliation overall at 30deg TCA, brownish-green colour overall, gradual upper and sharp lower contacts. Frequent bands of ab-alt between 15.6-18.2m, ab shear zone 18.2-18.95m, large white qz-ab vein 24.2-25m, narrow bed of albitized pontiac sediments from 28-28.45m.	30
<b>Structure</b>					
12.9	14.7	blocky		blocky core	
15.6	18.2	ab shear		frequent 1-5cm bands of ab shear or strong ab alteration, brownish-grey-purple colour to the ab bands, conc to fol at 30deg TCA	30
16	17	vuggy		vuggy core, carb weathered out leaving semi-massive sulfide beds/bands	
18.2	18.95	ab shear		albite shear zone, carb welded breccia, well mineralized and numerous 1-5mm ca stringers throughout conc to fol at 30deg TCA.	30
18.95	20.55	ab-ca		frequent ab-ca stringers and veinlets conc to fol at 30deg TCA	30
20.55	24.2	qz-ab		frequent 1-10mm qz-ab veinlets and stringers conc to fol throughout	30
24.2	25	qz-ab		wide qz-ab vein, creamy grey colour, possible scheelite clots and mineralized with moly	
25	28	qz-ab		frequent 1-10mm qz-ab veinlets and stringers conc to fol throughout	
28	28.45	s3		mod ab pontiac sed bed, well mineralized and bt alt	
<b>Alteration</b>					
12.9	15.6	ab,ca		patchy / wispy ca and ab alt throughout, ab alt in bands along foliation	
15.6	16	ab, ca		band of strong ab and ca alt	
16	18.2	ab, ca		patchy / wispy ca and ab alt throughout, ab alt in bands along foliation	
18.2	18.95	ab, ca		albite shear zone, carb welded breccia, well mineralized and numerous 1-5mm ca stringers throughout conc to fol at 30deg TCA.	30
18.95	28.45	bt		weak to mod biotite alteration throughout. Strongest 20-20.5m.	
28	28.45	ab		mod albitization in narrow bed of pontiac sediments	
<b>Mineralization</b>					
12.9	16.3	py,po		trace to 1% fine to med py,po stringers, clots and disseminations	
16.3	17.15	py,po,sph		1-5% sulfide stringers overall, strongest in ab bands. 2-5cm Semi-massive sulfide beds vuggy with weathered out carb from 16.3-16.5m and 16.95-17.1m.	
17.15	18.2	py,po		1-3% fine to med py,po stringers, clots and disseminations	
18.2	18.5	py,po,sph,cpy		10-15% sulfide overall fine to med disseminations and 1-15mm stringers. Carb-welded breccia in coarse bands of sphalerite.	
18.5	24.2	py,po		1-3% fine to med py,po disseminations and fine stringers	
24.2	25	mo		3-5% fine to coarse molybdenite and possible scheelite within qz-ab vein	
25	28	py,po		1-3% fine to med py,po disseminations and fine stringers	
28	28.45	py,po		2-3% fine to med py,po disseminations and fine stringers	
28.45	30.2	calc silicate	calcsil	calc silicate, green-brown colour overall, bright green cr-diopside, bands of tr and ab alt, well mineralized. Weak patchy mag throughout. Sharp upper and lower contacts. <b>Net textured sulfide at 30.1m which can help to vector the location of massive sulfide.</b>	25
<b>Alteration</b>					
28.45	30.2	calc sil, ab, bt, cr dio		calc sil zone, ab alt and weak bt overprint, bright green cr dio	
<b>Mineralization</b>					
28.45	30.2	py,po,pent,sph,cpy		7-10% sulfide throughout, fine to coarse clots, stringers and disseminations. Net texture sulfide at 30.1m.	
30.2	42.6	s3	s3	Pontiac sediments, fine to med grained, bt-ms assemblage. Upper contact zone of unit is quite well mineralized and albitized. Bedded at 25deg TCA.	25
<b>Structure</b>					
40.85	42.6	ab, graphite		narrow bed of weak to mo ab alt and patchy graphite, well mineralized overall	
<b>Alteration</b>					
30.2	33.9	ab, tr, bt, chl		mod albitization throughout, upper contact area of unit, fine chl stringers and patches of tremolite, weak bt overprint	
33.9	40.85	bt		weak to mod albitization throughout	
40.85	42.6	ab, graphite		narrow bed of weak to mo ab alt and patchy graphite, well mineralized overall	
<b>Mineralization</b>					
30.2	33.9	py,po,pent,sph,cpy		7-10% sulfide throughout, fine to coarse clots, stringers and disseminations. Net texture sulfide at 30.1m.	
33.9	36.3	py,po		trace to 1% fine to coarse py,po stringers and disseminations along bedding	
36.3	40.85	py,po		trace fine to med py,po stringers and disseminations along bedding	

40.85	42.6	py,po,pent,sph,c pv		1-3% fine to coarse sulfide stringers, semi massive sulfide 41-41.3m.	
<b>42.6</b>	<b>46.2</b>	<b>s6gp</b>	<b>s6gp</b>	<b>Graphitic mudstone, dark grey-black colour, very fine grained, strong fol/bedding at 30deg TCA. Sharp upper and lower contacts. Weak to mod mag throughout.</b>	<b>30</b>
<b>Structure</b>					
44.8	44.9	v4		narrow band of ultramafic, weakly albitized, chl alt	30
44.9	45	blocky		blocky core	
45.6	46.2	blocky		blocky core	
<b>Alteration</b>					
44.8	44.9	ab, chl		narrow band of ultramafic, weakly albitized, chl alt	
<b>Mineralization</b>					
42.6	46.2	py,po,cpy,sph		20-30% fine to coarse sulfide stringers and nodules	
<b>46.2</b>	<b>52.95</b>	<b>s3</b>	<b>s3</b>	<b>Pontiac sediments, fine to med grained, pale greyish colour, weakly graphitic 46.2-51m. Sharp upper contact but very gradual lower contact. Bedded at 30deg TCA.</b>	<b>30</b>
<b>Structure</b>					
49	49.1	blocky		blocky core	
<b>Alteration</b>					
46.2	51	graphite		weak patchy graphite / graphite alt	
51	52..95	bt		weak bt alt	
52.3	52.95	ab		gradually increasing intensity of ab alt	
<b>Mineralization</b>					
46.2	49.7	py,po		trace to 1% fine to med diss py oriented along foliation with graphite shadows around sulfides	
49.7	52.3	py, po		1-3% fine to med diss py oriented along foliation with graphite shadows around sulfides	
52.3	52.95	py, po		trace to 2% fine to med py,po stringers and disseminations	
<b>52.95</b>	<b>72.4</b>	<b>ab s3</b>	<b>s3</b>	<b>Albitized sediments or ab shear? Occasional bands of sil or chert?? Very wide zone, strong ab alt throughout, patches/clots of tremolite along foliation at 30deg TCA. Well mineralized throughout, bands of intense mineralization throughout. Overall grey-brown colour. Foliation/bedding much less intense after 66.6m. There are heat/alteration halos around the larger sulfide clots/nodules. Verv gradual lower contact n</b>	<b>30</b>
<b>Structure</b>					
55.65	56.3	s3		weak to mod ab pontiac sediments	
56.3	56.55	v4		narrow band of ab v4, green tr throughout	
58.7	59.45	v4		narrow irregular band of ab v4, green tr throughout	
<b>Alteration</b>					
52.95	72	ab		strong albite alteration, softer than quartz, however there are occasional bands/beds of strong sil and/or chert.	
<b>Mineralization</b>					
52.95	72	py,po,sph,pent,c py		7-10% sulfide throughout locally 20-25%, fine to coarse clots, stringers and disseminations. Net texture sulfide at 59.5-60m, 65.3-66.6m	
<b>72.4</b>	<b>131</b>	<b>s6</b>	<b>s6gp</b>	<b>Overall siltstone/ mudstone sediments with occasional bands of coarser sediments from 84.7-86m. Siltstones often have narrow bands or zones or graphite. Prominent graphitic mudstones from 75-75.65,82.3-83.25, 93-94.5m, 106-108m, 114-115m. Mudstones are mod mag compared to surrounding seds and are well mineralized with pyrite, sphalerite as stringers and nodules. Strongly mineralized albitized sediments (ab s3) from 81.9-82.25m, albite shear zones present from 119.55-120m, 122.45-123.8m, 129.4-131m - the albite shear zones create albitized alteration halos within the surrounding rock that decrease in alt intensity with increasing distance from the ab shear zone.</b>	<b>35</b>
<b>Structure</b>					
81.9	82.25	s3		weak to mod ab pontiac sediments	
94.45	98.7	ab str		down-hole oriented albitized stringers	
109.2	109.4	blocky		blocky core	
110.6	110.8	blocky		blocky core	
119.55	120	ab shr zone		strong fol ab shear zone, brownish colour, bedded at 35deg TCA, significant sphalerite	35
122.45	123.8	ab shr zone		strong fol ab shear zone, brownish colour, bedded at 35deg TCA, significant sphalerite	35
128	128.2	ca str		1-3cm white carb stringer/veinlet alongside sulfide clot	
129.4	131	ab shr zone		strong fol ab shear zone, brownish colour, bedded nearly down hole at 10TCA or less towards lower contact, significant sphalerite	10
<b>Alteration</b>					
<b>72.4</b>	<b>131</b>	<b>bt</b>		<b>fine biotite overprint throughout</b>	
81.9	82.25	ab		mod albitization of sediments along with strong mineralization	
84.7	86	hb		weak amphibolization of coarser sediments	
94.45	98.7	ab		weak ab haloes around downhole ab stringers	
<b>Mineralization</b>					
81.9	82.25	py, po sph		ab pontiac sediments are strongly mineralized	
82.4	83.5	py, po, sph		5-7% py, po, sph disseminations and clots in a prominent graphitic mudstone band	
94.45	98.7	py, po		fine ab stringers with py, po, trac cpy	
99	100.5	py,po		few bands of coarse clotty py, po conc to bedding	
100.5	131	py,po, sph, cpy		trace to locally up to 10% fine to coarse disseminated, stringer, clotty and nodule sulfide. Mineralization strongest in graphitic mudstones from 106-108m, 114-115m.	
119.55	120	py,po, sph, cpy		20-25% sulfide overall, py-po-sph and trace to 1% cpy, fine to coarse stringers, clots and noldules. All sulfides follow bedding.	
122.45	123.8	py,po, sph, cpy, pent		15-20% sulfide overall, py-po-sph and trace to 1% cpy, trace pent, fine to coarse stringers, clots and noldules. All sulfides follow bedding.	
129.4	131	py,po, sph, cpy, pent		15-20% sulfide overall, py-po-sph and trace to 1% cpy, trace pent, fine to coarse stringers, clots and noldules. All sulfides follow bedding.	

131	146.85	v4	v4	<b>Mafic to ultramafic, strongly albitized, resembles calc-silicate but no cr-diopside present. Competent, weak to mod mag throughout. Strongly magnetic 131-135.5 due to presence of magnetite. Foliation 20deg TCA or less. Greenish-grey-brown colour overall. Green tremolite throughout. Weak biotite overprint throughout. Fine 0.5-1cm concordant ca stringers/veinlets throughout. Gradual contact with underligning picrite mafic volcanics.</b>	20
<b>Structure</b>					
132	133	ca		0.5-1cm ca stringers throughout, oriented dowhole	0
137.8	138	blocky		blocky core	
<b>Alteration</b>					
131	146.85	ab, bt		strong ab alt throughout, weak biotite overprint throughout. Strongest biotite alt from 136.5-137.2m.	
<b>Mineralization</b>					
131	135.5	py,po,sph,cpy,pent		10-15% fine to med sulfide overall as fine disseminations, stringers and clots. Trace to 1% cpy, trace pentlandite, significant py-po-sph.	
135.5	141	py,po,sph,cpy,pent		2-5% fine to med sulfide overall as fine disseminations, stringers and clots. Trace to 1% cpy, trace pentlandite, significant py-po-sph.	
141	146.85	py,po		trace fine to med py-po	
<b>146.85</b>	<b>173.4</b>	<b>v3</b>	<b>v3</b>	<b>Mafic volcanics (picrite), strong green colour, hb alt, weak bt alt, non magnetic, weak to mod fol at 40deg TCA. Fine to coarse ca stringers throughout conc to fol. Narrow v4 band from 150-150.85m and 158.3-162.35m.</b>	<b>40</b>
<b>Structure</b>					
146.85	158.3	ca		fine ca stringers throughout, conc to fol at 40deg TCA	40
148.75	149.2	blocky	blocky core		
150	150.85	v4		narrow ultramafic band from 150-150.85m.	
158.3	162.35	v4		narrow ultramafic band, massive	
<b>Alteration</b>					
146.85	158.3	hl, hb, bt		weak to mod hb, bt and chlorite alt throughout.	
162.35	173.4	hl, hb, bt		weak to mod hb, bt and chlorite alt throughout.	
<b>Mineralization</b>					
146.85	148.3	py,po		2-3% fine to med diss py throughout, fine stringers	
148.3	150	py,po		trace fine py,po	
150	150.85	py,po		1-2% fine diss py,po in narrow band of v4	
150.85	158.3	py,po		trace fine py, po throughout	
<b>173.4</b>	<b>270</b>	<b>v4</b>	<b>v4</b>	<b>Blue-grey-green, ultramafic. Fine grained and foliated assemblage of fibrous pyroxene or amphibole with minor carbonate. Replacement of massive finely granular to cumulate komatiite flows showing minor flow top breccia over 0.3 meter intervals associated with serpentinized crack patterns. Patchy weak to mod mag throughout. Flow tops are often biotitized and brecciated. Gradual lower contact to mafic volcanics.</b>	
<b>Structure</b>					
188.2	192	ca		frequent ca stringers and veinlets oriented 20deg TCA	20
210.9	211.05	blocky		blocky core	
211.65	213	blocky		blocky core	
254.8	255	ca		20cm carb vein oriented 45deg TCA, clotty chl and bt within vein	45
266.35	266.7	ca		white carb vein oriented 30deg TCA, clotty chl and fragments of v4 within vein.	30
<b>Alteration</b>					
173.4	248	ca		patchy and weak pervasive carb alt, strongest 188.2-192m.	
188.2	192	bt,tr, hb		mod bt, hb alt in flow top, weakly brecciated	
212.5	215.95	bt,tr, hb, talc		mod bt, hb, talc alt in flow top, weakly brecciated	
247.5	255	bt,tr, hb		mod bt, hb alt in flow top, weakly brecciated	
<b>Mineralization</b>					
188.2	192	py, po		trace to 1% fine diss py,po	
192	212.5	po		trace fine po	
255	270	po		trace fine po	

SAMPLES			Surimeau - November 2022							SUR-22-37		PAGE: 4	
Sample	From m	To m	Length	DESCRIPTION	Litho Simple								
90336	3.65	5	1.35	s3/cord	s3								
90337	5	6.5	1.50	s3/cord	s3								
90338	6.5	8	1.50	s3/cord+ab+tr py	s3								
90339	8	9.5	1.50	s3/cord	s3								
90340	9.5	11	1.50	s3/py	s3								
90341	11	12	1.00	s3/py	s3								
90342			0.00	Quarter cut		#N/A							
90343	12	12.9	0.90	s3/py str+ab vein	s3								
90344	12.9	13.75	0.85	v4/weak ab+carb+py+po	v4								
90345			0.00	Coarse reject		#N/A							
90346	13.75	14.5	0.75	v4/weak ab+carb+py+po	v4								
90347	14.5	15.6	1.10	v4/py+po	v4								
90348	15.6	16	0.40	v4/carb+ab+po+py	v4								
90349	16	17.1	1.10	v4/ab shr band+py+po+vuggy+ca	v4								
90350	17.1	18.2	1.10	v4/ab shr band+py+po+vuggy+ca	v4								
90351	18.2	18.95	0.75	ab shear/ca+bx carb+py+po+sph+cpy	ab shear								
90352			0.00	Blank		#N/A							
90353	18.95	20.5	1.55	v4/ab str+bt+tr+py+po	v4								
90354	20.5	22	1.50	v4/ab str+bt+tr+py+po	v4								
90355			0.00	standard		#N/A							
90356	22	23	1.00	v4/ab str+bt+tr+py+po	v4								
90357	23	24.2	1.20	v4/ab str+bt+tr+py+po	v4								
90358	24.2	25	0.80	qv/qz-ab vein+mo+scheelite?	qv								
90359	25	26	1.00	v4/po+ca	v4								
90360	26	27	1.00	v4/po+ca	v4								
90361	27	28	1.00	v4/calc+bt+po	v4								
90362			0.00	Coarse reject		#N/A							
90363	28	28.45	0.45	s3/ab+fine po	s3								
90364	28.45	29.3	0.85	calc sil/po+sph	calc sil								
90365			0.00	Quarter Cut		#N/A							
90366	29.3	30.2	0.90	calc sil/po+sph net texture py-po	calc sil								
90367	30.2	31.3	1.10	calc sil/cpy+sph+py+po	calc sil								
90368	31.3	32.1	0.80	ab shear/po+sph+s6gp+cpy+py	ab shear								
90369	32.1	33	0.90	s3/ab shear+po+sph	s3								
90370	33	33.9	0.90	s3/ab shear+tr	s3								
90371	33.9	35	1.10	s3/py+po str	s3								
90372			0.00	Blank		#N/A							
90373	35	36.5	1.50	s3/py+po	s3								
90374	36.5	38	1.50	s3/py+po	s3								
90375	38	39	1.00	s3/py+po	s3								
90376	39	40	1.00	s3/py+po	s3								
90377	40	40.85	0.85	s3/py+po	s3								
90378	40.85	41.85	1.00	s3/ab+py+po semi massive	s3								
90379	41.85	42.6	0.75	s3/ab+py+po semi massive	s3								

90380	42.6	44	1.40 s6gp/py+po+sph+cpy	s6gp	
90381	44	44.8	0.80 s6gp/py+po+sph+cpy	s6gp	
90382	44.8	46.2	1.40 s6gp/py+po+sph+cpy	s6gp	
90383	46.2	47.5	1.30 s6/tr py+graphite	s6	
90384	47.5	49	1.50 s6/tr py+graphite	s6	
90385	49	50	1.00 s6/tr py+graphite	s6	
90386	50	51.5	1.50 s3/bt+tr py	s3	
90387	51.5	52.95	1.45 s3/bt+ab+py+po str	s3	
90388	52.95	54	1.05 ab shear/tr+qz-ab veinlets+py+po+sph+cpy	ab shear	
90389	54	55.5	1.50 ab s3/tr+py+po+sph	ab s3	
90390	55.5	57	1.50 ab s3/tr+py+po+sph	ab s3	
90391	57	58.1	1.10 ab shear/tr+sph+py+po+tr cpy	ab shear	
90392			0.00 Quarter cut		#N/A
90393	58.1	59.45	1.35 ab shear/ab s3+v4 band+py+po+sph+tr cpy	ab shear	
90394	59.45	60.45	1.00 ab s3/tr+py+po+sph+cpy	ab s3	
90395			0.00 Coarse reject		#N/A
90396	60.45	61.4	0.95 ab s3/tr+py+po+sph+cpy	ab s3	
90397	61.4	62.75	1.35 ab s3/tr+py+po+sph+cpy	ab s3	
90398	62.75	64.05	1.30 s3/bt+ab shear+py+po	s3	
90399	64.05	65.3	1.25 ab s3/py+po+cpy+sph+tr	ab s3	
90400	65.3	66.6	1.30 ab s3/py+po+cpy+sph+tr	ab s3	
90401	66.6	67.7	1.10 ab s3/py+po+cpy+sph	ab s3	
90402			0.00 Blank		#N/A
90403	67.7	69	1.30 s3/ab s3+bt+py+po+sph	s3	
90404	69	69.75	0.75 s3/ab s3+bt+py+po+sph	s3	
90405	69.75	70.5	0.75 ab s3/tr+py+po	ab s3	
90406	70.5	72	1.50 ab s3/py+po+sph+cpy+tr	ab s3	
90407	72	73.25	1.25 s3/bt	s3	
90408	73.25	74.25	1.00 s3/bt	s3	
90409	74.25	75	0.75 s3/bt+ab	s3	
90410	75	76	1.00 s3/s6gp+bt	s3	
90411	76	77	1.00 s3/py	s3	
90412			0.00 Coarse reject		#N/A
90413	77	78	1.00 s3/bt+hb+py+qv	s3	
90414	78	79	1.00 s3/bt+hb	s3	
90415			0.00 Quarter Cut		#N/A
90416	79	80	1.00 s3/bt+hb	s3	
90417	80	80.8	0.80 s3/bt+hb	s3	
90418	80.8	82.3	1.50 s3/py+ab	s3	
90419	82.3	83.25	0.95 s6gp/py+po+sph+cpy	s6gp	
90420	83.25	84.7	1.45 s3/cpy+py	s3	
90421	84.7	86	1.30 s3/hb+py coarser grained sediment	s3	
90422			0.00 Blank		#N/A
90423	86	87.5	1.50 s3/bt	s3	
90424	87.5	88.5	1.00 s3/	s3	
90425	88.5	90	1.50 s3/py	s3	
90426	90	91.5	1.50 s6/tr py+graphite	s6	
90427	91.5	93	1.50 s6/tr py+graphite	s6	

90428	93	94.5	1.50 s6/graphite+cpy+py+sph	s6	
90429	94.5	96	1.50 s6/ab veinlets+py	s6	
90430	96	97.5	1.50 s6/ab veinlets+py	s6	
90431	97.5	99	1.50 s6/ab veinlets more sulphides	s6	
90432	99	100.5	1.50 s3/py coase clots +py+po	s3	
90433	100.5	102	1.50 s3/ca stringers +py	s3	
90434	102	103.5	1.50 s3/bt	s3	
90435	103.5	105	1.50 s3/	s3	
90436	105	106	1.00 s3/	s3	
90437	106	107.2	1.20 s6gp/po+py	s6gp	
90438	107.2	108	0.80 s6/gp+py+po+sph	s6	
90439	108	109.5	1.50 s6/fine py+po	s6	
90440	109.5	111	1.50 s6/fine py+po	s6	
90441	111	112.5	1.50 s6/fine py+po	s6	
90442			0.00 Quarter cut		#N/A
90443	112.5	114	1.50 s6/fine py+po+gp	s6	
90444	114	115	1.00 s6gp/py+cpy	s6gp	
90445			0.00 Coarse reject		#N/A
90446	115	116	1.00 s6/weak gp+diss py+po	s6	
90447	116	117	1.00 s6/weak gp+diss py+po	s6	
90448	117	118.5	1.50 s3/tr py	s3	
90449	118.5	119.55	1.05 s3/	s3	
90450	119.55	120	0.45 s3/strong ab+cpy+sph	s3	
90451	120	121	1.00 s6/weak gp+py	s6	
90452			0.00 Blank		#N/A
90453	121	122.45	1.45 s6/weak gp+py	s6	
90454	122.45	123.1	0.65 ab s3/py+po+sph+cpy+tr	ab s3	
90455	123.1	123.8	0.70 ab s3/py+po+sph+cpy+tr	ab s3	
90456	123.8	125	1.20 s3/py+tr cpy	s3	
90457	125	126	1.00 s3/mod ab+tr py	s3	
90458	126	127.5	1.50 s3/weak ab+tr py	s3	
90459	127.5	128.5	1.00 s3/ab+clot of py+po+sph+ca	s3	
90460	128.5	129.4	0.90 s3/weak ab	s3	
90461	129.4	130.1	0.70 s3 ab/cpy+sph+py+po	s3 ab	
90462			0.00 Coarse reject		#N/A
90463	130.1	131	0.90 s3 ab/cpy+sph+py+po	s3 ab	
90464	131	132	1.00 v4/str chl+hb+10% py+10% mt+weak ab+ca str	v4	
90465			0.00 Quarter Cut		#N/A
90466	132	133.1	1.10 v4/str chl+hb+10% py+10% mt+weak ab+ca str	v4	
90467	133.1	134.1	1.00 v4/str chl+hb+10% py+10% mt+weak ab+ca str	v4	
90468	134.1	135	0.90 v4/str bt+py	v4	
90469	135	136.5	1.50 v4/str bt+ca veinlets	v4	
90470	136.5	138	1.50 v4/str bt+ca veinlets	v4	
90471	138	139.5	1.50 v4/str bt+ca veinlets	v4	
90472			0.00 Blank		#N/A
90473	139.5	141	1.50 v4/str bt+ca veinlets	v4	
90474	141	142.5	1.50 v4/str bt+ca veinlets	v4	
90475	142.5	144	1.50 v4/bt+tr	v4	

90476	144	145.5	1.50 v4/bt+tr	v4	
90477	145.5	146.85	1.35 v4/bt+tr	v4	
90478	146.85	148	1.15 v3/ca str	v3	
90479	148	149	1.00 v3/tr+blocky+ca-ab str	v3	
90480	149	150	1.00 v3/tr+blocky+ca-ab str	v3	
90481	150	150.85	0.85 1d/bt+ca	1d	
90482	150.85	152	1.15 v3/ca str	v3	
90483	152	153	1.00 v3/ca str	v3	
90484	153	154	1.00 v3/ca str	v3	
90485	154	155	1.00 v3/ca str	v3	
90486	155	156.5	1.50 v3/ca str	v3	
90487	156.5	157.5	1.00 v3/ca str	v3	
90488	157.5	158.3	0.80 v3/ca str	v3	
90489	158.3	159.8	1.50 v4/	v4	
90490	159.8	161.25	1.45 v4/	v4	
90491	161.25	162.35	1.10 v4/	v4	
90492			0.00 Quarter cut		#N/A
90493	162.35	163.85	1.50 v3/ca str	v3	
90494	163.85	165	1.15 v3/ca str	v3	
90495			0.00 Coarse reject		#N/A
90496	165	166.5	1.50 v3/ca str	v3	
90497	166.5	168	1.50 v3/ca str	v3	
90498	168	169.5	1.50 v3/ca str	v3	
90499	169.5	171	1.50 v3/ca str	v3	
90500	171	172.5	1.50 v3/ca str	v3	
98001	172.5	174	1.50 v3/ca str	v3	
98002			0.00 Blank		#N/A
98003	174	175.5	1.50 v4/	v4	
98004	175.5	177	1.50 v4/	v4	
98005			0.00 standard		#N/A
98006	177	178.5	1.50 v4/	v4	
98007	178.5	180	1.50 v4/	v4	
98008	180	181.5	1.50 v4/	v4	
98009	181.5	183	1.50 v4/	v4	
98010	183	184.5	1.50 v4/	v4	
98011	184.5	186	1.50 v4/	v4	
98012			0.00 Coarse reject		#N/A
98013	186	187.5	1.50 v4/	v4	
98014	187.5	189	1.50 v4/cumulates+ca	v4	
98015			0.00 Quarter Cut		#N/A
98016	189	190.5	1.50 v4/cumulates+ca	v4	
98017	190.5	192	1.50 v4/	v4	
98018	192	193.5	1.50 v4/	v4	
98019	193.5	195	1.50 v4/	v4	
98020	195	196.5	1.50 v4/	v4	
98021	196.5	198	1.50 v4/	v4	
98022			0.00 Blank		#N/A
98023	198	199.5	1.50 v4/	v4	



98024	199.5	201	1.50 v4/	v4	
98025	201	202.5	1.50 v4/	v4	
98026	202.5	204	1.50 v4/ca	v4	
98027	204	205.5	1.50 v4/	v4	
98028	205.5	207	1.50 v4/ca str + py	v4	
98029	207	208.5	1.50 v4/ca str + py	v4	
98030	208.5	210	1.50 v4/	v4	
98031	210	211.5	1.50 v4/	v4	
98032	211.5	212.5	1.00 v4/	v4	
98033	212.5	213.95	1.45 v4/bt+tr+chl+ca str	v4	
98034	213.95	214.95	1.00 v4/bt+tr+chl+ca str	v4	
98035	214.95	215.95	1.00 v4/bt+tr+chl+ca str	v4	
98036	215.95	217	1.05 v4/	v4	
98037	217	218.5	1.50 v4/	v4	
98038	218.5	220	1.50 v4/	v4	
98039	220	221.5	1.50 v4/	v4	
98040	221.5	223	1.50 v4/	v4	
98041	223	224.5	1.50 v4/	v4	
98042			0.00 Quarter cut		#N/A
98043	224.5	226	1.50 v4/	v4	
98044	226	227.5	1.50 v4/	v4	
98045			0.00 Coarse reject		#N/A
98046	227.5	229	1.50 v4/	v4	
98047	229	230.5	1.50 v4/	v4	
98048	230.5	232	1.50 v4/	v4	
98049	232	233.5	1.50 v4/	v4	
98050	233.5	235	1.50 v4/	v4	
98051	235	236.5	1.50 v4/	v4	
98052			0.00 Blank		#N/A
98053	236.5	238	1.50 v4/	v4	
98054	238	239	1.00 v4/	v4	
98055	239	240	1.00 v4/	v4	
98056	240	241.5	1.50 v4/	v4	
98057	241.5	243	1.50 v4/	v4	
98058	243	244.5	1.50 v4/	v4	
98059	244.5	246	1.50 v4/	v4	
98060	246	247	1.00 v4/	v4	
98061	247	248	1.00 v4/	v4	
98062			0.00 Coarse reject		#N/A
98063	248	249	1.00 v3/hb	v3	
98064	249	250.5	1.50 v3/	v3	
98065			0.00 Quarter Cut		#N/A
98066	250.5	252	1.50 v3/hb	v3	
98067	252	253.5	1.50 v3/	v3	
98068	253.5	255	1.50 v3/	v3	
98069	255	256	1.00 v3/	v3	
98070	256	257	1.00 v3/	v3	
98071	257	258	1.00 v4/	v4	

98072			0.00 Blank		#N/A
98073	258	259.5	1.50 v4/	v4	
98074	259.5	261	1.50 v4/	v4	
98075	261	262.5	1.50 v4/	v4	
98076	262.5	264	1.50 v4/	v4	
98077	264	265.5	1.50 v4/	v4	
98078	265.5	267	1.50 v4/	v4	
98079	267	268.5	1.50 v4/	v4	
98080	268.5	270	1.50 v4/	v4	

Box Lengths			Surimeau - November 2022			SUR-22-37			PAGE: 5		
DDH	Box Number	From m	To m	Box Length	DDH	Box Number	From m	To m	Box Length		
SUR-22-37	1	3.65	7.9	4.25							
SUR-22-37	2	7.9	11.7	3.8							
SUR-22-37	3	11.7	15.8	4.1							
SUR-22-37	4	15.8	20.2	4.4							
SUR-22-37	5	20.2	24.3	4.1							
SUR-22-37	6	24.3	28.6	4.3							
SUR-22-37	7	28.6	32.9	4.3							
SUR-22-37	8	32.9	37	4.1							
SUR-22-37	9	37	40	3							
SUR-22-37	10	40	45.6	5.6							
SUR-22-37	11	45.6	49.7	4.1							
SUR-22-37	12	49.7	54.05	4.35							
SUR-22-37	13	54.05	58.5	4.45							
SUR-22-37	14	58.5	62.8	4.3							
SUR-22-37	15	62.8	67.1	4.3							
SUR-22-37	16	67.1	71.4	4.3							
SUR-22-37	17	71.4	75.65	4.25							
SUR-22-37	18	75.65	80.1	4.45							
SUR-22-37	19	80.1	84.25	4.15							
SUR-22-37	20	84.25	88.45	4.2							
SUR-22-37	21	88.45	92.7	4.25							
SUR-22-37	22	92.7	96.95	4.25							
SUR-22-37	23	96.95	101.1	4.15							
SUR-22-37	24	101.1	105.2	4.1							
SUR-22-37	25	105.2	109.4	4.2							
SUR-22-37	26	109.4	113.6	4.2							
SUR-22-37	27	113.6	117.9	4.3							
SUR-22-37	28	117.9	122.1	4.2							
SUR-22-37	29	122.1	126.3	4.2							
SUR-22-37	30	126.3	130.65	4.35							
SUR-22-37	31	130.65	135.1	4.45							

SUR-22-37	32	135.1	139.25	4.15
SUR-22-37	33	139.25	143.6	4.35
SUR-22-37	34	143.6	147.8	4.2
SUR-22-37	35	147.8	150.9	3.1
SUR-22-37	36	150.9	156.15	5.25
SUR-22-37	37	156.15	160.5	4.35
SUR-22-37	38	160.5	164.75	4.25
SUR-22-37	39	164.75	169.1	4.35
SUR-22-37	40	169.1	173.4	4.3
SUR-22-37	41	173.4	177.75	4.35
SUR-22-37	42	177.75	182.05	4.3
SUR-22-37	43	182.05	186.4	4.35
SUR-22-37	44	186.4	190.7	4.3
SUR-22-37	45	190.7	195.05	4.35
SUR-22-37	46	195.05	199.45	4.4
SUR-22-37	47	199.45	203.7	4.25
SUR-22-37	48	203.7	208.1	4.4
SUR-22-37	49	208.1	212.5	4.4
SUR-22-37	50	212.5	217	4.5
SUR-22-37	51	217	221.4	4.4
SUR-22-37	52	221.4	225.8	4.4
SUR-22-37	53	225.8	230.2	4.4
SUR-22-37	54	230.2	234.65	4.45
SUR-22-37	55	234.65	238.9	4.25
SUR-22-37	56	238.9	243.5	4.6
SUR-22-37	57	243.5	247.5	4
SUR-22-37	58	247.5	251.85	4.35
SUR-22-37	59	251.85	255.95	4.1
SUR-22-37	60	255.95	260.2	4.25
SUR-22-37	61	260.2	264.35	4.15
SUR-22-37	62	264.35	268.7	4.35
SUR-22-37	63	268.7	270	1.3

RQD			Surimeau - November 2022		SUR-22-37		PAGE: 3	
FROM	TO	Length Core Run	$\Sigma$ pieces >10cm	RQD %				
3.65	6	2.35	1.5	63.83				
6	9	3	2.3	76.67				
9	12	3	1.6	53.33				
12	15	3	2.3	76.67				
15	18	3	1.9	63.33				
18	21	3	2.6	86.67				
21	24	3	2.6	86.67				
24	27	3	2.9	96.67				
27	30	3	2.7	90.00				
30	33	3	2.8	93.33				
33	36	3	2.6	86.67				
36	39	3	2.6	86.67				
39	42	3	2.6	86.67				
42	45	3	2.8	93.33				
45	48	3	2.5	83.33				
48	51	3	2.8	93.33				
51	54	3	2.9	96.67				
54	57	3	3	100.00				
57	60	3	2.9	96.67				
60	63	3	2.8	93.33				
63	66	3	2.9	96.67				
66	69	3	2.8	93.33				
69	72	3	2	66.67				
72	75	3	2.6	86.67				
75	78	3	3	100.00				
78	81	3	3	100.00				
81	84	3	2.9	96.67				
84	87	3	2.2	73.33				
87	90	3	2.6	86.67				
90	93	3	2.9	96.67				
93	96	3	2.9	96.67				
96	99	3	3	100.00				
99	102	3	2.7	90.00				
102	105	3	2.9	96.67				
105	108	3	2.8	93.33				

108	111	3	2.6	86.67
111	114	3	2.75	91.67
114	117	3	2.85	95.00
117	120	3	3	100.00
120	123	3	2.9	96.67
123	126	3	3	100.00
126	129	3	3	100.00
129	132	3	3	100.00
132	135	3	3	100.00
135	138	3	2.6	86.67
138	141	3	2.9	96.67
141	144	3	3	100.00
144	147	3	3	100.00
147	150	3	2.9	96.67
150	153	3	2.75	91.67
153	156	3	3	100.00
156	159	3	3	100.00
159	162	3	3	100.00
162	165	3	3	100.00
165	168	3	2.9	96.67
168	171	3	3	100.00
171	174	3	3	100.00
174	177	3	2.8	93.33
177	180	3	2.8	93.33
180	183	3	3	100.00
183	186	3	3	100.00
186	189	3	3	100.00
189	192	3	3	100.00
192	195	3	3	100.00
195	198	3	3	100.00
198	201	3	2.9	96.67
201	204	3	3	100.00
204	207	3	3	100.00
207	210	3	3	100.00
210	213	3	2.1	70.00
213	216	3	2.4	80.00
216	219	3	3	100.00
219	222	3	3	100.00
222	225	3	2.9	96.67
225	228	3	3	100.00

228	231	3	3	100.00
231	234	3	3	100.00
234	237	3	2.9	96.67
237	240	3	3	100.00
240	243	3	3	100.00
243	246	3	3	100.00
246	249	3	2.8	93.33
249	252	3	2.9	96.67
252	255	3	3	100.00
255	258	3	2.9	96.67
258	261	3	3	100.00
261	264	3	3	100.00
264	267	3	3	100.00
267	270	3	3	100.00





## Minroc Management

FROM	TO	LITHO	LITHO SIMPLE		Angle TCA
0	3.9	OB		Overburden	
3.9	147.6	s3	s3	Pontiac sediments bedded at 65deg TCA, gradual lower contact., Cd-bt-ms bearing assemblage, occasional graded bedding. Occasional narrow qz-ab stringers and veinlets, generally concordant to foliation. Staurolite-bearing zones from 26-27,30-38m. Fine reddish garnets from 25.5-27.3, 87-90m , Biotite overprint overall from 73.1-147.6m. <b>Strongly Albitized from 141.65-143.15m, weakly albitized to 146.3m.</b>	65
<b>Structure</b>					
13.4	13.5	v3		narrow band of mafic volcanics, weak chl and carb alt	
14.05	14.25	v3		narrow band of mafic volcanics, weak chl and carb alt	
41.3	41.35	qv		grey qv with pale greenish mineral, oriented perpendicular to core axis	90
42.85	42.9	qv		narrow qv oriented perpendicular tca with trace fine to med py	90
46.95	47	ca		narrow 2-5mm white carb stringer oriented 90deg TCA with trace coarse py cubes	90
54.5	55.7	qv		5-10 cm cm qvs sharp marigns, in random orientations , containing tourmaline and trace sulphides	
56.6	60.4	qv		5-10 cm cm qvs sharp marigns, in random orientations , containing tourmaline and trace sulphides	
68.85	69.15	blocky		blocky core with slight chloritization	
77.4	78	blocky		blocky core (drill caused)	
73.6	73.75	qv		white qv roughly conc to fol with whipsy biotitized margins	
82.8	83.3	qzca		few qz-ca 1-5 mm stringers with qv	
83.45	83.7	blocky		blocky core (drill caused)	
85.7	85.9	blocky		blocky core (drill caused)	
89.7	89.9	qv		white qv roughly conc to fol with whipsy biotitized margins	
101.05	101.2	qv		greenish grey qv, whipsy margins roughly conc to fol, biotitized margins , trace sulphide within	
104.25	104.4	qv		greyish white qv sharp margins conc to fol	
122.6	123	qv		fine qz-ab stringers with mod albitization/ sil around	
124.5	125.75	qzab		narrow ~2 cm qz-ab veinlets generally downhole. Cpy constrained to the qv	
125.75	142.4	blocky		overall very blocky core.	
133.8	139	qv		qv , sharp margins , vuggy brecciated fragments within	
137.85	142.4	fault		<b>extremely blocky core within a fault with quartz welded breccia and silicified upper and lower contacts</b>	
142.4	143.15	ab shear		<b>albite shear zone, well mineralized with fine stringers, tr throughout.</b>	85
144.15	144.75	ab shear		<b>albite shear zone, well mineralized with fine stringers, tr throughout.</b>	85
144.9	145.05	ab shear		<b>albite shear zone, well mineralized with fine stringers, tr throughout.</b>	85
145.9	146.3	qz-ab		irregular qz-ab vein, oriented approx 30deg TCA, sharp margins, down-hole portion of vein contains coarse carbonate.	30
<b>Alteration</b>					
13.4	13.5	chl, carb		weak chl and carb alt in narrow maf vol band	
14.05	14.25	chl, carb		weak chl and carb alt in narrow maf vol band	
28.5	29	sil		weak sil around qv with sulphides	
36	38	sil		weak sil around narrow qz veinlets	
63.6	68.85	cord, stau		zone of strong biotitization highlighting a 70 deg TCA foliation/ bedding along with corderites and staurolites parallel to the foliation	70
122.6	125.75	ab ,sil		Albitization/ sil around qvs	
137.7	137.85	ab sil		weak to mod ab/ sil in the fault hanging wall	
142.4	143.15	ab		mod to strong albitization in ab shear	
144.15	144.75	ab		mod to strong albitization in ab shear	
144.9	145.05	ab		mod to strong albitization in ab shear	
<b>Mineralization</b>					
28.5	29	py		trace clots of py within sil alt.	
42.85	42.9	py		narrow qv oriented perpendicular tca with trace fine to med py	
46.95	47	py		narrow 2-5mm white carb stringer oriented 90deg TCA with trace coarse py cubes	
122.6	123	po		Coarse 2-3 cm , etched clot of po with ~1 % Ni XRF value within silicified/albitized Pontiacs. Clot marigns are chloritized	
122.6	123	cpy		whipsy cpy with upto 1.4 % cpy within silicified sediments	
124.5	125.75	cpy		upto 1 % med clots of cpy within downhole qv	
142.4	143.15	py,po,cpy,sph		3-5% fine to med diss py,po,sph and cpy and frequent 1-4mm stringers	
143.15	144.15	py,po,cpy,sph		trace to locally 3% fine to med diss py,po,sph and cpy, and occasional fine 1-2mm stringers	
144.15	144.75	py,po,cpy,sph		1-3% fine to med diss py,po,sph,cpy and frequent 1-3mm stringers	
144.75	146.5	py, po, sph		trace to locally 2% fine to med diss py,po,sph, rare fine stringers	
146.5	147.6	py, po, sph		trace fine to coarse py,po and rare coarse clots	
147.6	152.9	v4	v4	<b>Blue-grey-green, ultramafic. Fine grained and foliated assemblage of fibrous pyroxene or amphibole with minor carbonate. Replacement of massive finely granular to cumulate komatiite flows Patchy weak to mod mag throughout.</b>	
<b>Alteration</b>					
147.6	152.9	ca, bt		patchy weak pervasive carb alt, weak bt overprint	
<b>Mineralization</b>					
147.6	152.9	py,po		trace fine py,po and rare fine stringers	
152.9	154.05	ab s3		<b>Albitized sediments, strong ab alt, sharp upper and lower contacts. Weakly albitized 153.65-153.95m, narrow ab shear zone 153.95-154.05m. Bedded at 60deg TCA.</b>	60
<b>Alteration</b>					
152.9	154.05	ab		strong albite alt overall, weak from 1533.65-153.95m.	
<b>Mineralization</b>					
152.9	153.95	py, po, cpy, sph		trace to locally 2% fine to med diss and clotty py,po,sph,cpy, rare fine 1-3mm stringes	
153.95	154.05	py, po, cpy, sph		10-12% fine to coarse clotty stringers and clots of py,po,sph, cpy in narrow ab shear zone	
154.05	154.35	s6gp	s6gp	<b>Narrow bed of graphitic mudstone, vfg, bedded at 65deg TCA. Very well mineralized. Sharp upper and lower contacts</b>	65
<b>Structure</b>					

154.05	154.4	ca		fine ca stringers throughout
<b>Alteration</b>				
154.05	154.4	ca		weak ca alt alongside fine ca str
<b>Mineralization</b>				
154.05	154.4	py,po, sph		13-15% fine to med py,po,sph stringers and clots throughout
<b>154.35</b>	<b>155.25</b>	<b>calc sil</b>	<b>calcsil</b>	<b>Calc silicate with cr-diopside , sharp upper. Gradual albitized lower margins at 70 deg TCA , possible ab shear at lower margin</b>
<b>Alteration</b>				
<b>154.35</b>	<b>155.25</b>	<b>sil</b>		<b>calc sil</b>
<b>Mineralization</b>				
154.35	155.25	po		trace to 1 % med clots of po
<b>155.25</b>	<b>161</b>	<b>s6gp</b>	<b>S6gp</b>	<b>Graphitic mudstones at 50 deg TCA, strongest mineralization within weakly albitized zone from 155.25-155.8,157.75-158.75 and at 50 lower contact at 161 m</b>
<b>Structure</b>				
156.65	157.1	blocky		blocky core with cpy, py stringers
<b>Alteration</b>				
155.25	155.8	ab		weak albitization/ radiolarian ooze chert within the graphitic mudstones
157.75	158.75	ab		weak albitization/ radiolarian ooze chert within the graphitic mudstones
<b>Mineralization</b>				
155.25	155.8	sph, py, po, cpy		sph bands with cpy/py stringers
157.75	158.75	sph, py, po, cpy		Coarse clot of net-textured po, sph bands, with cpy
160.9	161	po		coarse clots of po within albitized contact of graphitic mudstones with ultramafics
<b>161</b>	<b>231</b>	<b>v4</b>	<b>v4</b>	<b>Blue-grey-green, ultramafic. Fine grained and foliated assemblage of fibrous pyroxene or amphibole with minor carbonate. Replacement of massive finely granular to cumulate komatiite flows showing minor flow top breccia over 0.3 meter intervals associated with serpentinized crack patterns. Patchy weak to mod mag throughout. Flow tops are often biotitized and brecciated. Gradual lower contact to mafic volcanics. Flow top from 162.15-163.5,167.85-169.7m, mafic volcanic (picrite) from 222.2-225.8m and 227.6-231m.</b>
<b>Structure</b>				
162.35	162.45	ab		brownish wispy ab vein with carbonate and garnets approx 45 deg margins, upper margin has talcose and slightly sheared ultramafics
184.7	184.8	ca		10cm irregular carb vein in flow-top breccia zone
195.6	195.7	blocky		blocky core
196.7	197.4	ca		carb stringers in flow top
197.4	197.6	blocky		blocky core
215.2	216	blocky		blocky core
222.2	225.8	v3		mafic volcanic, picrite, strong green colour, frequent concordant white carb stringers/veinlets throughout.
227.6	231	v3		mafic volcanic, picrite, strong green colour, frequent concordant white carb stringers/veinlets throughout.
<b>Alteration</b>				
162.15	163.5	hb, chl, bt		flow top breccias are amphibolized, biotitized and weakly chloritized
167.85	169.7	hb, chl, bt		flow top breccias are amphibolized, biotitized and weakly chloritized
169.7	183	talc		weakly talcose
183	185.25	hb, chl, bt		flow top breccias are amphibolized, biotitized and weakly chloritized
185.25	195	talc		weakly talcose
193.05	193.65	hb, chl, bt		hb, bt alt around band of very strong chl alt from 193.1-193.3m.
200	222.2	mt,xeno		magnetite cumulates/ xenoliths
213	222.2	talc		weakly talcose

SAMPLES			Surimeau - November 2022							SUR-22-38		PAGE: 4	
Sample	From m	To m	Length	DESCRIPTION	Litho Simple								
98081	28.5	30	1.50	s3/qv+py	s3								
98082	36	37	1.00	s3/weak sil	s3								
98083	37	38	1.00	s3/weak sil	s3								
98084	41	42	1.00	s3/qv	s3								
98085	42	43	1.00	s3/qv+py	s3								
98086	43	44.5	1.50	s3/qz str	s3								
98087	44.5	46	1.50	s3/	s3								
98088	46	47	1.00	s3/ca str + py	s3								
98089	54	55.5	1.50	s3/qv+tourmaline +py	s3								
98090	55.5	57	1.50	s3/qv+tourmaline +py	s3								
98091	57	58.5	1.50	s3/ca	s3								
98092			0.00	Quarter cut		#N/A							
98093	58.5	60	1.50	s3/ca	s3								
98094	73.1	74.5	1.40	s3/ca	s3								
98095			0.00	Coarse reject		#N/A							
98096	82.3	83.3	1.00	s3/qv py+bt	s3								
98097	83.3	84	0.70	s3/qv py+bt	s3								
98098	89	90	1.00	s3/qv py+bt	s3								
98099	99.95	101.4	1.45	s3/qv py+bt	s3								
98100	101.4	102.8	1.40	s3/qv py+bt	s3								
98101	102.8	103.8	1.00	s3/qv py+bt	s3								
98102			0.00	Blank		#N/A							
98103	121.35	122.6	1.25	s3/qv+py	s3								
98104	122.6	123.6	1.00	s3/py+po+cpy+sil +qv+chl	s3								
98105	123.6	124.6	1.00	s3/sil+qv+py	s3								
98106	124.6	126	1.40	s3/qv with cpy	s3								
98107	126	127.5	1.50	s3/	s3								
98108	127.5	129	1.50	s3/	s3								
98109	129	130.5	1.50	s3/	s3								
98110	130.5	132	1.50	s3/	s3								
98111	132	133.5	1.50	s3/	s3								
98112			0.00	Coarse reject		#N/A							
98113	133.5	135	1.50	s3/qv+py	s3								
98114	135	136.5	1.50	s3/	s3								
98115			0.00	Quarter Cut		#N/A							
98116	136.5	138	1.50	s3/	s3								
98117	138	139.5	1.50	s3/fault	s3								
98118	139.5	141	1.50	s3/fault	s3								
98119	141	142.4	1.40	s3/fault	s3								
98120	142.4	143.15	0.75	ab shear/weathered po+sph	ab shear								
98121	143.15	144.15	1.00	ab shear/s3+sph+cpy+po	ab shear								
98122			0.00	Blank		#N/A							
98123	144.15	145.05	0.90	ab s3/	ab s3								
98124	145.05	145.9	0.85	s3/	s3								

98125	145.9	146.8	0.90 s3/qv+py	s3	
98126	146.8	147.6	0.80 s3/bt+ca	s3	
98127	147.6	149	1.40 v4/ab+bt+py	v4	
98128	149	150.5	1.50 v4/py	v4	
98129	150.5	152	1.50 v4/po+py	v4	
98130	152	152.9	0.90 v4/po	v4	
98131	152.9	154.05	1.15 ab shear/cpy+sph+po+py	ab shear	
98132	154.05	154.35	0.30 s6gp/po+py	s6gp	
98133	154.35	155.25	0.90 calc sil/po	calc sil	
98134	155.25	156.5	1.25 s6gp/py+po+cpy	s6gp	
98135	156.5	157.75	1.25 s6gp/py+po+cpy	s6gp	
98136	157.75	158.75	1.00 s6gp/sph+po+cpy+co in xrf	s6gp	
98137	158.75	159.75	1.00 s6gp/tr sulfides	s6gp	
98138	159.75	161	1.25 s6gp/po clots	s6gp	
98139	161	162.15	1.15 v4/bt+bx	v4	
98140	162.15	163.5	1.35 v4/poss v3+bt	v4	
98141	163.5	165	1.50 v4/	v4	
98142			0.00 Quarter cut		#N/A
98143	165	166.5	1.50 v4/	v4	
98144	166.5	168	1.50 v4/bt	v4	
98145			0.00 Coarse reject		#N/A
98146	168	168.9	0.90 v4/poss v3+hb+bt+po+ca str	v4	
98147	168.9	169.7	0.80 v4/poss v3+hb+bt+po+ca str	v4	
98148	169.7	171	1.30 v4/	v4	
98149	171	172.5	1.50 v4/	v4	
98150	172.5	174	1.50 v4/talc	v4	
98151	174	175.5	1.50 v4/	v4	
98152			0.00 Blank		#N/A
98153	175.5	177	1.50 v4/	v4	
98154	177	178.5	1.50 v4/	v4	
98155			standard		#N/A
98156	178.5	180	1.50 v4/	v4	
98157	180	181.5	1.50 v4/	v4	
98158	181.5	183	1.50 v4/	v4	
98159	183	184.5	1.50 v4/poss v3	v4	
98160	184.5	186	1.50 v4/poss v3 + qv	v4	
98161	186	187.5	1.50 v4/poss v3 + qv	v4	
98162			0.00 Coarse reject		#N/A
98163	187.5	189	1.50 v4/	v4	
98164	189	190.5	1.50 v4/	v4	
98165			0.00 Quarter Cut		#N/A
98166	190.5	192	1.50 v4/	v4	
98167	192	193.5	1.50 v4/bt band	v4	
98168	193.5	195	1.50 v4/	v4	
98169	195	196.5	1.50 v4/	v4	
98170	196.5	198	1.50 v4/	v4	
98171	198	199.5	1.50 v4/	v4	
98172			0.00 Blank		#N/A

98173	199.5	201	1.50 v4/	v4	
98174	201	202.5	1.50 v4/	v4	
98175	202.5	204	1.50 v4/bt	v4	
98176	204	205.5	1.50 v4/bt	v4	
98177	205.5	207	1.50 v4/	v4	
98178	207	208.5	1.50 v4/	v4	
98179	208.5	210	1.50 v4/	v4	
98180	210	211.5	1.50 v4/	v4	
98181	211.5	213	1.50 v4/	v4	
98182	213	214.5	1.50 v4/	v4	
98183	214.5	216	1.50 v4/blocky	v4	
98184	216	217.5	1.50 v4/	v4	
98185	217.5	219	1.50 v4/	v4	
98186	219	220.5	1.50 v4/	v4	
98187	220.5	222	1.50 v4/	v4	
98188	222	223.5	1.50 v3/ca stringers	v3	
98189	223.5	225	1.50 v3/ca stringers	v3	
98190	225	225.8	0.80 v3/ca stringers	v3	
98191	225.8	226.8	1.00 v4/	v4	
98192			0.00 Quarter cut		#N/A
98193	226.8	227.6	0.80 v4/	v4	
98194	227.6	228.5	0.90 v3/ca stringers	v3	
98195			0.00 Coarse reject		#N/A
98196	228.5	229.5	1.00 v3/ca stringers	v3	
98197	229.5	231	1.50 v3/ca stringers	v3	

Box Lengths					Surimeau - November 2022					SUR-22-38		PAGE: 5	
DDH	Box Number	From m	To m	Box Length	DDH	Box Number	From m	To m	Box Length				
SUR-22-38	1	3.9	8.1	4.2									
SUR-22-38	2	8.1	12.35	4.25									
SUR-22-38	3	12.35	16.7	4.35									
SUR-22-38	4	16.7	21.1	4.4									
SUR-22-38	5	21.1	25.6	4.5									
SUR-22-38	6	25.6	30	4.4									
SUR-22-38	7	30	34.3	4.3									
SUR-22-38	8	34.3	38.75	4.45									
SUR-22-38	9	38.75	43.1	4.35									
SUR-22-38	10	43.1	47.25	4.15									
SUR-22-38	11	47.25	51.65	4.4									
SUR-22-38	12	51.65	56	4.35									
SUR-22-38	13	56	60.4	4.4									
SUR-22-38	14	60.4	64.7	4.3									
SUR-22-38	15	64.7	69	4.3									
SUR-22-38	16	69	73.1	4.1									
SUR-22-38	17	73.1	78	4.9									
SUR-22-38	18	78	82.3	4.3									
SUR-22-38	19	82.3	86.25	3.95									
SUR-22-38	20	86.25	91.3	5.05									
SUR-22-38	21	91.3	95.65	4.35									
SUR-22-38	22	95.65	99.95	4.3									
SUR-22-38	23	99.95	104.25	4.3									
SUR-22-38	24	104.25	108.5	4.25									
SUR-22-38	25	108.5	112.95	4.45									
SUR-22-38	26	112.95	117.05	4.1									
SUR-22-38	27	117.05	121.35	4.3									
SUR-22-38	28	121.35	125.75	4.4									
SUR-22-38	29	125.75	129.8	4.05									
SUR-22-38	30	129.8	133.8	4									
SUR-22-38	31	133.8	137.85	4.05									

SUR-22-38	32	137.85	141.65	3.8
SUR-22-38	33	141.65	146.05	4.4
SUR-22-38	34	146.05	150.4	4.35
SUR-22-38	35	150.4	154.8	4.4
SUR-22-38	36	154.8	159.1	4.3
SUR-22-38	37	159.1	163.4	4.3
SUR-22-38	38	163.4	167.85	4.45
SUR-22-38	39	167.85	172.25	4.4
SUR-22-38	40	172.25	176.1	3.85
SUR-22-38	41	176.1	180.95	4.85
SUR-22-38	42	180.95	185.75	4.8
SUR-22-38	43	185.75	189.7	3.95
SUR-22-38	44	189.7	194	4.3
SUR-22-38	45	194	198.35	4.35
SUR-22-38	46	198.35	202.8	4.45
SUR-22-38	47	202.8	207.25	4.45
SUR-22-38	48	207.25	211.45	4.2
SUR-22-38	49	211.45	215.7	4.25
SUR-22-38	50	215.7	220.1	4.4
SUR-22-38	51	220.1	224.25	4.15
SUR-22-38	52	224.25	228.5	4.25
SUR-22-38	53	228.5	231	2.5
EOH				

RQD			Surimeau - November 2022		SUR-22-38		PAGE: 3	
FROM	TO	Length Core Run	$\Sigma$ pieces >10cm	RQD %				
3.9	6	2.1	2	95.24				
6	9	3	2.3	76.67				
9	12	3	2.4	80.00				
12	15	3	2.5	83.33				
15	18	3	2.9	96.67				
18	21	3	2.6	86.67				
21	24	3	2.8	93.33				
24	27	3	2.85	95.00				
27	30	3	2.9	96.67				
30	33	3	3	100.00				
33	36	3	2.8	93.33				
36	39	3	2.4	80.00				
39	42	3	2.9	96.67				
42	45	3	2.8	93.33				
45	48	3	2.4	80.00				
48	51	3	3	100.00				
51	54	3	2.8	93.33				
54	57	3	2.9	96.67				
57	60	3	2.5	83.33				
60	63	3	2.9	96.67				
63	66	3	2.9	96.67				
66	69	3	2.7	90.00				
69	72	3	2.5	83.33				
72	75	3	2.6	86.67				
75	78	3	2.2	73.33				
78	81	3	2.6	86.67				
81	84	3	2.2	73.33				
84	87	3	2.8	93.33				
87	90	3	2	66.67				
90	93	3	2.15	71.67				
93	96	3	2.5	83.33				
96	99	3	2.4	80.00				
99	102	3	2.25	75.00				
102	105	3	2.5	83.33				
105	108	3	2.25	75.00				



108	111	3	2.1	70.00
111	114	3	3	100.00
114	117	3	2.7	90.00
117	120	3	2	66.67
120	123	3	2.7	90.00
123	126	3	2.1	70.00
126	129	3	0.95	31.67
129	132	3	1.3	43.33
132	135	3	1.75	58.33
135	138	3	2.25	75.00
138	141	3	0.35	11.67
141	144	3	1.4	46.67
144	147	3	2.9	96.67
147	150	3	2.7	90.00
150	153	3	2.7	90.00
153	156	3	2.8	93.33
156	159	3	2.3	76.67
159	162	3	2.75	91.67
162	165	3	2.7	90.00
165	168	3	2.9	96.67
168	171	3	2.7	90.00
171	174	3	3	100.00
174	177	3	3	100.00
177	180	3	3	100.00
180	183	3	3	100.00
183	186	3	2.9	96.67
186	189	3	3	100.00
189	192	3	2.9	96.67
192	195	3	2.6	86.67
195	198	3	2.5	83.33
198	201	3	2.8	93.33
201	204	3	2.8	93.33
204	207	3	2.9	96.67
207	210	3	2.7	90.00
210	213	3	3	100.00
213	216	3	2.2	73.33
216	219	3	2.9	96.67
219	222	3	3	100.00
222	225	3	2.5	83.33
225	228	3	3	100.00

228	231	3	3	100.00
EOH				



## Minroc Management

FROM	TO	LITHO	LITHO SIMPLE		Angle TCA
0	3.4	OB		Overburden	
3.4	196.2	s3	s3	Pontiac sediments with an overall biotite imprint , bedding/foliation at 70 deg TCA. Mafic volcanic band from 79.35-79.75m with qz- ca stringers randomly oriented, sharp irregular contact with bt. Band of greenish coarse grained equigranular gabbro from 160-160.5 m , sharp biotitized margins at 60 deg TCA <b>Band of mineralized graphitic mudstone from 195-195.3 m.</b> Lower contacts block and silicified over ~ 20 cm	
<b>Structure</b>					
11.5	12	blocky		blocky with bedding joints	
18.3	18.4	qv		2 2-5 cm qvs , cross cutting foliation	
19.9	20	qv		grey qv with po an biotite margins	
26.5	26.65	qv		white az-ab veinlets , irregular margins with biotite halo	
32	32.05	qv		Bull white qv , sharp margin conc to fol	
38	51	blocky		block core with weak ab at 49.15 m	
52	52.5	qv		grey qv sharp irregular margins, rock fragments and trace py within	
52.9	55.6	qv		Bull white qv with some grey qv bands , rock fragments and trace py within	
70.1	70.2	bx		possible bx or herring bone bedding in the pontiacs	
75.35	75.75	blocky		blocky core	
92.45	92.55	qv		8cm qv, cross cutting foliation with halo 5cm halo around it	
96.9	97	qv		~ 5 cm qv , sharp margins, pink garnets within	
99.9	100	qv		few 1-2 cm qvs cross cutting fol/ beddig,	
129	131	blocky		slightly blocky core	
138.4	138.7	blocky		slightly blocky core	
146.9	147.2	qv		white qv , sharp margins roughly conc to fol/ bedding, biotite along margins, trace clots of po within qv	
		qv		qv within a narrow band greenish equigranular gabbro , very strong biotitization along gabbro/ qv and gabbro pontic margins. Trace py	
168.2	168.5				
174.4	174.5	qv		2-3 cm qv with sharp margins, roughly conc to fol	
191.9	192	blocky		blocky core	
195	195.3	s6gp		narrow band of graphitic mudstone	
<b>Alteration</b>					
12	14	hb		greenish amphibolization with the sediments	
19.5	20.75	hb		greenish amphibolization with the sediments	
33	94.75	cord		corderites conc to fol within sediments	
49.15	49.4	ab		weak ab around small ab veinlets	
60	64.7	chl		weak chlorite with some biotitization	
90.85	91.15	chl		weak chlorite with some biotitization	
106.2	107	chl		weak chloritization within slight blockiness	
118.2	118.3	sil		possible weak sil within and around ab / sil blebs	
119.5	125.5	cord, gar staurolite		Zone of garnets , corderites and staurolites with stronger biotite	
126.7	128	cord, gar staurolite		Zone of garnets , corderites and staurolites with stronger biotite	
129	138.7	bt		stronger by along fol / bedding	
160	160.5	hb , chl		strong hb, chl within band of possible gabbro	
168.2	168.5	hb , chl		strong hb, chl within band of possible gabbro	
168.2	168.5	bt		strong bt around gabbro	
190.9	190.95	bt		band of strong biotitization with weak amhibolization	
196.7	196.2	sil		mod sil halo within sediments at lower contact	
<b>Mineralization</b>					
56.5	56.7	py		trace med py cluster	
195	195.3	py,po sph, cpy		band of graphitic mudstones with sph ,py, po clots and copy stringers.	
196.2	207.9	ab s3	ab shear	Albitized sediments or albite shear zone, patchy mod mag throughout on bands/stringers of sulfide, pale brownish-grey colour overall, fine grained to vfg, lower contact with mafic volcanics has pepperite, strong bt alt and is gradual over 45cm from 207.45-207.9m . <b>Upper contact blocky. Bedded/fol at 70deg TCA</b>	70
<b>Structure</b>					
196.2	196.5	blocky		blocky core, greenish ab veinlets/blebs in larger fragments	
199.9	200.3	blocky		blocky core	
<b>Alteration</b>					
196.2	207.9	ab		mod albitization, strongest in mineralized zone (see below)	
196.2	207.9	sil		weak sil, strongest in min zones (see below)	
207.45	207.9	bt, hb, chl		mod bt alt in lower contact zone, weak hb and chl alt. Possible cr-diopside?	
<b>Mineralization</b>					
196.2	207.9	py,po		trace to locally 1% fine to med diss and stringer sulfide overall	
196.4	199.9	py,po,sph,cpy		2-3% fine to med stringers, nodules and clots of py,po,sph,cpy, locally up to 5%	
201.4	202.6	py,po,sph,cpy		2-3% fine to med stringers, nodules and clots of py,po,sph tr cpy, locally up to 5%	
203.45	204.05	py,po,sph,cpy		2-3% fine to med stringers, nodules and clots of py,po,sph tr cpy, locally up to 5%	
207.05	207.45	sph,po,pv,cpy		5-7% fine to med stringers of sph,po and pv, tr cpy.	
207.45	207.9	po		3-5% fine diss po	
207.9	211.95	v3	v3	<b>Mafic volcanics, strong green / green-brown colour. Picrite, occasional carb stringers/veinlets generally conc to fol at 60deg TCA. Gradual upper and lower contacts. Patchy weak to mod mag, <b>Possible narrow band of calc silicate from 207.9-208.25m (sharp contacts at both ends)</b></b>	60
<b>Structure</b>					
207.9	211.95	ca, qz-ab		occasional carb and qz-ab veinlets/stringers generally concordant to foliation at 60deg TCA.	

<b>Alteration</b> 207.9	211.95	hb, bt		weak to mod bt alt, strongest in upper and lower contact zones. Mod hb alt throughout
<b>Mineralization</b> 207.9	208.25	po		3-5% fine diss po
<b>211.95</b>	<b>276.1</b>	<b>v4</b>	<b>v4</b>	<b>Blue-grey-green, ultramafic. Fine grained and foliated assemblage of fibrous pyroxene or amphibole with minor carbonate. Replacement of massive finely granular to cumulate komatiite flows showing minor flow top breccia over 0.3 meter intervals associated with serpentinized crack patterns. Patchy weak to mod mag throughout. Flow tops are often biotitized and brecciated. Gradual lower contact to mafic volcanics. Narrow bands of mafic volcanics v3 from 265.9-267m, 269.6-269.8m, 270.75-271.6m, 272.45-273.5m</b>
<b>Structure</b>				
255.4	255.45	qz-ab		qz-ab veinlet, sharp margins, perpendicular to core axis
255.7	255.75	qz-ab		qz-ab veinlet, sharp margins, perpendicular to core axis
256.6	257.1	blocky		blocky core
265.9	267	v3		narrow v3 band, ca string conc to weak fol at perpendicular to core axis
269.6	269.8	v3		narrow v3 band, ca string conc to weak fol at perpendicular to core axis
270.75	271.6	v3		narrow v3 band, ca string conc to weak fol at perpendicular to core axis
272.45	273.5	v3		narrow v3 band, ca string conc to weak fol at perpendicular to core axis
<b>Alteration</b>				
265.9	267	ca, hb, chl, bt		weak to mod hb and bt, weak chl, ca stringers/alt throughout narrow v3 band
269.6	269.8	ca, hb, chl, bt		weak to mod hb and bt, weak chl, ca stringers/alt throughout narrow v3 band
270.75	271.6	ca, hb, chl, bt		weak to mod hb and bt, weak chl, ca stringers/alt throughout narrow v3 band
272.45	273.5	ca, hb, chl, bt		weak to mod hb and bt, weak chl, ca stringers/alt throughout narrow v3 band
<b>276.1</b>	<b>285</b>	<b>v3</b>	<b>v3</b>	<b>Mafic volcanics, strong green / green-brown colour. Picrite, occasional carb stringers/veinlets generally conc to fol at 70deg TCA. Gradual upper and lower contacts. Patchy weak to mod mag. 70</b>
<b>Alteration</b>				
276.1	285	ca, hb, chl, bt		weak to mod hb and bt, weak chl, ca stringers/alt throughout

SAMPLES			Surimeau - November 2022							SUR-22-39		PAGE: 4	
Sample	From m	To m	Length	DESCRIPTION	Litho Simple								
98198	18	19.5	1.50	s3/bt	s3								
98199	19.5	20.75	1.25	s3/bt+hb+po in qv	s3								
98200	48	49.5	1.50	s3/qz-ab halo	s3								
98201	49.5	51	1.50	s3/	s3								
98202			0.00	Blank	#N/A								
98203	51	52.5	1.50	s3/grey qv	s3								
98204	52.5	54	1.50	s3/ bull white qv	s3								
98205	54	55.5	1.50	s3/ bull white qv	s3								
98206	55.5	57	1.50	s3/wk sil +trace py	s3								
98207	78	79.35	1.35	s3/bt	s3								
98208	79.35	79.75	0.40	v3/ca str	v3								
98209	79.75	81	1.25	s3/bt cord	s3								
98210	144	145.5	1.50	s3/qv+po	s3								
98211	145.5	147	1.50	s3/qv	s3								
98212			0.00	Coarse reject	#N/A								
98213	147	148.5	1.50	s3/	s3								
98214	160	160.5	0.50	i3/bt +qv	i3								
98215			0.00	Quarter Cut	#N/A								
98216	160.5	162	1.50	s3/qv	s3								
98217	162	163.5	1.50	s3/qv +bt	s3								
98218	168	169	1.00		#N/A								
98219	169	170	1.00		#N/A								
98220	194.05	195	0.95	ab-s3/	ab-s3								
98221	195	195.5	0.50	s6gp/ab-s3+py+cpy	s6gp								
98222			0.00	Blank	#N/A								
98223	195.5	196.2	0.70	ab-s3/	ab-s3								
98224	196.2	197.6	1.40	ab-shr/po+py	ab-shr								
98225	197.6	198.9	1.30	ab-shr/po+sph+py+tr cpy	ab-shr								
98226	198.9	199.9	1.00	ab-shr/po+sph+py+tr cpy	ab-shr								
98227	199.9	201	1.10	s3/	s3								
98228	201	202.25	1.25	s3-ab/po+sph	s3-ab								
98229	202.25	203.45	1.20	ab-s3/tr po+py	ab-s3								
98230	203.45	204.05	0.60	ab-shr/po+py+sph+tr cpy	ab-shr								
98231	204.05	205.55	1.50	ab-s3/tr po	ab-s3								
98232	205.55	207.05	1.50	s3-ab/po+py+tr cpy	s3-ab								
98233	207.05	207.9	0.85	ab-shr/v3+pepperite+cpy+sph+po	ab-shr								
98234	207.9	208.9	1.00	v3/tr to 3% po, ca str	v3								
98235	208.9	210	1.10	v3/ca str	v3								
98236	210	211.5	1.50	v3/ca str	v3								
98237	211.5	213	1.50	v4/	v4								
98238	213	214.5	1.50	v4/	v4								
98239	214.5	216	1.50	v4/	v4								
98240	216	217.5	1.50	v4/bt+bx	v4								
98241	217.5	219	1.50	v4/bt+bx	v4								

98242			0.00 Quarter cut		#N/A
98243	219	220.5	1.50 v4/	v4	
98244	220.5	222	1.50 v4/	v4	
98245			0.00 Coarse reject		#N/A
98246	222	223.5	1.50 v4/	v4	
98247	223.5	225	1.50 v4/	v4	
98248	225	226.5	1.50 v4/	v4	
98249	226.5	228	1.50 v4/	v4	
98250	228	229.5	1.50 v4/	v4	
98251	229.5	231	1.50 v4/	v4	
98252			0.00 Blank		#N/A
98253	231	232.5	1.50 v4/	v4	
98254	232.5	234	1.50 v4/	v4	
98255	234	235.5	1.50 v4/	v4	
98256	235.5	237	1.50 v4/	v4	
98257	237	238.5	1.50 v4/	v4	
98258	238.5	240	1.50 v4/	v4	
98259	240	241.5	1.50 v4/	v4	
98260	241.5	243	1.50 v4/	v4	
98261	243	244.5	1.50 v4/	v4	
98262			0.00 Coarse reject		#N/A
98263	244.5	246	1.50 v4/	v4	
98264	246	247.5	1.50 v4/	v4	
98265			0.00 Quarter Cut		#N/A
98266	247.5	249	1.50 v4/	v4	
98267	249	250.5	1.50 v4/	v4	
98268	250.5	252	1.50 v4/	v4	
98269	252	253.5	1.50 v4/blocky	v4	
98270	253.5	255	1.50 v4/	v4	
98271	255	256.5	1.50 v4/	v4	
98272			0.00 Blank		#N/A
98273	256.5	258	1.50 v4/	v4	
98274	258	259.5	1.50 v4/	v4	
98275	259.5	261	1.50		#N/A
98276	261	262.5	1.50		#N/A
98277	262.5	264	1.50		#N/A
98278	264	265	1.00		#N/A
98279	265	265.9	0.90		#N/A
98280	265.9	266.8	0.90 v3/	v3	
98281	266.8	267.75	0.95 v3/ca str	v3	
98282	267.75	269	1.25 v4/	v4	
98283	269	270	1.00 v4/bt	v4	
98284	270	270.75	0.75 v4/	v4	
98285	270.75	271.8	1.05 v3/ca +ab	v3	

Box Lengths			Surimeau - November 2022			SUR-22-39			PAGE: 5		
DDH	Box Number	From m	To m	Box Length	DDH	Box Number	From m	To m	Box Length		
SUR-22-39	1	3.4	7.7	4.3							
SUR-22-39	2	7.7	12	4.3							
SUR-22-39	3	12	16.4	4.4							
SUR-22-39	4	16.4	20.75	4.35							
SUR-22-39	5	20.75	25.15	4.4							
SUR-22-39	6	25.15	29.55	4.4							
SUR-22-39	7	29.55	33.9	4.35							
SUR-22-39	8	33.9	38.3	4.4							
SUR-22-39	9	38.3	42.65	4.35							
SUR-22-39	10	42.65	46.95	4.3							
SUR-22-39	11	46.95	51.25	4.3							
SUR-22-39	12	51.25	55.6	4.35							
SUR-22-39	13	55.6	59.9	4.3							
SUR-22-39	14	59.9	64.2	4.3							
SUR-22-39	15	64.2	68.5	4.3							
SUR-22-39	16	68.5	72.85	4.35							
SUR-22-39	17	72.85	77.2	4.35							
SUR-22-39	18	77.2	81.6	4.4							
SUR-22-39	19	81.6	86.05	4.45							
SUR-22-39	20	86.05	90.4	4.35							
SUR-22-39	21	90.4	94.75	4.35							
SUR-22-39	22	94.75	99	4.25							
SUR-22-39	23	99	103.75	4.75							
SUR-22-39	24	103.75	107.6	3.85							
SUR-22-39	25	107.6	111.7	4.1							
SUR-22-39	26	111.7	115.9	4.2							
SUR-22-39	27	115.9	120.25	4.35							
SUR-22-39	28	120.25	124.6	4.35							
SUR-22-39	29	124.6	129	4.4							
SUR-22-39	30	129	133.05	4.05							
SUR-22-39	31	133.05	137.95	4.9							



SUR-22-39	32	137.95	141.65	3.7
SUR-22-39	33	141.65	146	4.35
SUR-22-39	34	146	150.35	4.35
SUR-22-39	35	150.35	154.75	4.4
SUR-22-39	36	154.75	159.25	4.5
SUR-22-39	37	159.25	163.7	4.45
SUR-22-39	38	163.7	168	4.3
SUR-22-39	39	168	172.35	4.35
SUR-22-39	40	172.35	176.75	4.4
SUR-22-39	41	176.75	181.05	4.3
SUR-22-39	42	181.05	185.4	4.35
SUR-22-39	43	185.4	189.75	4.35
SUR-22-39	44	189.75	194.05	4.3
SUR-22-39	45	194.05	198.15	4.1
SUR-22-39	46	198.15	202.4	4.25
SUR-22-39	47	202.4	206.75	4.35
SUR-22-39	48	206.75	211.1	4.35
SUR-22-39	49	211.1	215.7	4.6
SUR-22-39	50	215.7	220.1	4.4
SUR-22-39	51	220.1	224.5	4.4
SUR-22-39	52	224.5	228.9	4.4
SUR-22-39	53	228.9	233.45	4.55
SUR-22-39	54	233.45	237.7	4.25
SUR-22-39	55	237.7	242.15	4.45
SUR-22-39	56	242.15	246.5	4.35
SUR-22-39	57	246.5	250.7	4.2
SUR-22-39	58	250.7	255	4.3
SUR-22-39	59	255	259.05	4.05
SUR-22-39	60	259.05	263.1	4.05
SUR-22-39	61	263.1	267.75	4.65
SUR-22-39	62	267.75	271.8	4.05
SUR-22-39	63	271.8	276	4.2
SUR-22-39	64	276	280.4	4.4
SUR-22-39	65	280.4	284.8	4.4
SUR-22-39	66	284.8	285	0.2

<b>RQD</b>			Surimeau - November 2022			SUR-22-39			PAGE: 3		
FROM	TO	Length Core Run	$\Sigma$ pieces >10cm	RQD %							

3.4	6	2.6	1.9	73.08						
6	9	3	2.8	93.33						
9	12	3	2.8	93.33						
12	15	3	3	100.00						
15	18	3	2.9	96.67						
18	21	3	2.9	96.67						
21	24	3	2.9	96.67						
24	27	3	2.9	93.33						
27	30	3	2.8	91.67						
30	33	3	2.75	100.00						
33	36	3	3	100.00						
36	39	3	2.5	83.33						
39	42	3	2.8	93.33						
42	45	3	3	100.00						
45	48	3	3	100.00						
48	51	3	2	66.67						
51	54	3	2.7	90.00						
54	57	3	2.8	93.33						
57	60	3	3	100.00						
60	63	3	2.7	90.00						
63	66	3	2.75	91.67						
66	69	3	2.8	93.33						
69	72	3	2.6	86.67						
72	75	3	2.9	96.67						
75	78	3	2.4	80.00						
78	81	3	2.4	80.00						
81	84	3	3	100.00						
84	87	3	2	66.67						
87	90	3	2.9	96.67						
90	93	3	2.75	91.67						
93	96	3	3	100.00						
96	99	3	3	100.00						
99	102	3	2.7	90.00						
102	105	3	3	100.00						
105	108	3	2.6	86.67						

108	111	3	2.8	93.33
111	114	3	2.7	90.00
114	117	3	3	100.00
117	120	3	2.95	98.33
120	123	3	2.9	96.67
123	126	3	2.9	96.67
126	129	3	2.8	93.33
129	132	3	1.95	65.00
132	135	3	2.85	95.00
135	138	3	2.85	95.00
138	141	3	2.35	78.33
141	144	3	2.9	96.67
144	147	3	2.85	95.00
147	150	3	2.7	90.00
150	153	3	2.8	93.33
153	156	3	2.9	96.67
156	159	3	2.85	95.00
159	162	3	2.9	96.67
162	165	3	2.9	96.67
165	168	3	3	100.00
168	171	3	2.7	90.00
171	174	3	2.7	90.00
174	177	3	2.9	96.67
177	180	3	2.8	93.33
180	183	3	2.95	98.33
183	186	3	2.8	93.33
186	189	3	2.65	88.33
189	192	3	2.4	80.00
192	195	3	3	100.00
195	198	3	1.8	60.00
198	201	3	2.6	86.67
201	204	3	2.8	93.33
204	207	3	2.4	80.00
207	210	3	2.9	96.67
210	213	3	3	100.00
213	216	3	3	100.00
216	219	3	2.9	96.67
219	222	3	2.8	93.33
222	225	3	2.8	93.33
225	228	3	3	100.00

228	231	3	3	100.00
231	234	3	2.9	96.67
234	237	3	2.9	96.67
237	240	3	3	100.00
240	243	3	3	100.00
243	246	3	3	100.00
246	249	3	2.9	96.67
249	252	3	2.8	93.33
252	255	3	3	100.00
255	258	3	2.1	70.00
258	261	3	2.8	93.33
261	264	3	3	100.00
264	267	3	2.8	93.33
267	270	3	3	100.00
270	273	3	3	100.00
273	276	3	2.7	90.00
276	279	3	2.9	96.67
279	282	3	3	100.00
282	285	3	3	100.00



## Minroc Management

FROM	TO	LITHO	LITHO SIMPLE		Angle TCA
0	4	OB		Overburden	
4	112.95	s3	s3	Pontiac sediments with an overall biotite imprint , bedding/foliation at 75 deg TCA. Ms-bt-cd bearing assemblage, occasional 1-3mm white qz-ab or qz-ca stringers/veinlets concordant to foliation. Occasionally see graded bedding. Main staurolite bearing zones from 32-39, 49-51.6m, 61.8-62.4m,. Narrow v3 mafic bands from 61.2-61.35m, 89.55-89.75m, . Narrow chl-bt-hb rich bands within the sediments from 79.6-79.9m, 80.25-80.85m, 83.75-83.8m, 84.4-84.45m, 85.2-85.7m, 88.5-88.55m, 102.55-102.6m. Bottom contact weak sil alt	75
<b>Structure</b>					
9	9.1	blocky		blocky core	
34.9	35.2	blocky		blocky core	
30.35	31.5	qz-ab		serieses of 5-10cm irregular qz-ab veinlets and veins oriented roughly conc to fol. Trace to locally 3% fine to coarse clotty po in and along vein margins	
61.2	61.35	v3		narrow band of v3 mafic volcanics,weak chl+hb alt. Carb stringer oriented 35deg TCA within band	
82.9	83.45	qv		qv with qz stringers with hydrothermal alteration halo around them, py within the veinlets and stringers	
89.55	89.75	v3		narrow band of v3 mafic volcanics,weak chl+hb alt	
110	110.4	blocky		blocky core	
<b>Alteration</b>					
61.2	61.35	chl,hb,bt		narrow band of v3 mafic volcanics,weak chl+hb alt. Carb stringer oriented 35deg TCA within band	
79.6	79.9	chl,hb,bt		mod to strong chl, hb and bt alt in narrow band within sed	
80.25	80.85	chl,hb,bt		mod to strong chl, hb and bt alt in narrow band within sed	
82.9	83.45	sil		hydrothermal sil alt around qv + qz stringers	
83.75	83.8	chl,hb,bt		mod to strong chl, hb and bt alt in narrow band within sed	
84.4	84.45	chl,hb,bt		mod to strong chl, hb and bt alt in narrow band within sed	
85.2	85.7	chl,hb,bt		mod to strong chl, hb and bt alt in narrow band within sed	
88.5	88.55	chl,hb,bt		mod to strong chl, hb and bt alt in narrow band within sed	
89.55	89.75	chl,hb,bt		narrow band of v3 mafic volcanics,weak chl+hb alt	
102.55	102.6	chl,hb,bt		mod to strong chl, hb and bt alt in narrow band within sed	
103	104	sil,ab		weak sil-ab alt	
111.55	112.95	sil		weak sil alt through bottom contact of unit	
<b>Mineralization</b>					
30.35	31.5	po		serieses of 5-10cm irregular qz-ab veinlets and veins oriented roughly conc to fol. Trace to locally 3% fine to coarse clotty po in and along vein margins	
82.9	83.45	py		trace py within and along qv + qz stringers in zone of weak sil	
89.55	89.75	py		very trace fine py cubes in band og chl-bt-hb alt	
102.55	102.6	py,po		trace med clotty py-po in narrow v3 band	
103	104	py,po		trace fine to med py-po in band of weak sil-ab alt in sed	
111	111.55	py,po		1-2% fine to med py-po stringers and diss	
111.95	112.95	py,po,sph		3-5% fine to med py-po-sph stringers, clots and disseminations	
112.95	117.4	v3	v3	<b>Mafic volcanic unit, mod to strong bt alt, contact between the overlying sediments and underlying ultramafics. Mod to strong fol at 65deg TCA, narrow beds of ab shear zone from 114.8-115.35m and 117-117.4m.</b>	65
<b>Structure</b>					
114.8	115.35	ab shear		albite shear zone, well mineralized, strong fol at 65deg TCA. Sharp upper and lower contacts	
117	117.4	ab shear		albite shear zone, well mineralized, strong fol at 65deg TCA. Sharp upper and lower contacts	
<b>Alteration</b>					
112.95	117.4	chl, bt, tr		chl,bt,tr alt (mod to strong) throughout	
114.8	115.35	ab		ab alt in ab shear zone	
117	117.4	ab		ab alt in ab shear zone	
<b>Mineralization</b>					
112.95	113.35	py,po		3-5% fine to med py-po stringers and disseminations	
114	114.8	py,po		2-3% fine to med py-po stringers and disseminations	
114.8	115.35	py,po,sph		3-5% fine to coarse clots, stringers and disseminations in ab shear zone	
115.35	117	py,po		trace fine to med py-po clots	
117	117.4	py,po,sph		3-5% fine to coarse clots, stringers and disseminations in ab shear zone	
117.4	274.6	v4		<b>Blue-grey-green, ultramafic. Fine grained and foliated assemblage of fibrous pyroxene or amphibole with minor carbonate. Replacement of massive finely granular to cumulate komatiite flows showing minor flow top breccia over 0.3 meter intervals associated with serpentinized crack patterns. Patchy weak to mod mag throughout. Flow tops are often biotitized and brecciated. Sharp upper contact. Xenoliths with magnetite cores (magnetic) appear 183.25-270.8m. Mafic volcanic (picrite) from 178.3-179.5m, 191.1-191.9m.</b>	
<b>Structure</b>					
150.5	150.8	fault		fault, approx 20cm of chl mud / gouge, blocky core	
158.4	158.6	qz-ab		irregular 3-5cm qz-ab veinlets oriented 70deg TCA.	
170.95	171.05	blocky		blocky core	
183.25	270.8	xenolith		0.5-2cm xenoliths with magnetite cores throughout.	
183.25	186	mt		fine magnetite stringers throughout interval	
294.5	294.7	blocky		blocky core	
197	199.8	blocky		blocky core, multiple spun pieces of core, issue with core retrieval?	
203.5	203.75	blocky		blocky core	
212.8	213	blocky		blocky core	
221.9	222.85	blocky		blocky core, narrow band of chl mud at 222.4m	
229.5	230	ca		irregular, weakly bx ca stringers with coarse bt and chl	
232.55	233.1	blocky		blocky core	
238.1	238.25	blocky		blocky core	
246	246.1	blocky		blocky core	
251	251.2	blocky		blocky core	

261.6	261.9	blocky		blocky core
273.85	273.95	blocky		blocky core
274.4	274.5	blocky		blocky core
<b>Alteration</b>				
117.4	122.8	bt		flow top? Weak to mod bt alt
173	174	bt		weak bt alt
178.3	179.5	hb, bt, chl		narrow band of v3 mafic volcanics, weak chl+hb alt
191.1	191.9	hb, bt, chl		narrow band of v3 mafic volcanics, weak chl+hb alt
273.7	274.6	chl		mod to strong chl alt at bottom contact of unit
<b>Mineralization</b>				
123.5	127.5	po		1-2% fine to med diss po
132.8	144	po		1-2% fine to med diss po
183.25	186	mt		fine mt stringers throughout
<b>274.6</b>	<b>279</b>	<b>s3</b>	<b>s3</b>	<b>Pontiac sediments with an overall biotite imprint , bedding/foliation at 75 deg TCA. Ms-bt-cd bearing assemblage. Occasionally see graded bedding.</b>
<b>Structure</b>				
275.7	276	blocky		blocky core
276.3	276.4	blocky		blocky core
278.15	278.2	blocky		blocky core
<b>Alteration</b>				
274.6	279	cd, bt, ms		cd-bt-ms assemblage

SAMPLES			Surimeau - November 2022							SUR-22-40		PAGE: 4	
Sample	From m	To m	Length	DESCRIPTION	Litho Simple								
98286	30.15	31	0.85	s3/qz-ab+po	s3								
98287	31	32	1.00	s3/qv	s3								
98288	32	33	1.00	s3/cd-bt-ms	s3								
98289	61	62	1.00	s3/v3 band + chl + ca str	s3								
98290	82.8	83.8	1.00	s3/qv+qz str+tr py+sil	s3								
98291	83.8	85	1.20	s3/chl-bt-hb band	s3								
98292			0.00	Quarter cut		#N/A							
98293	102	103	1.00	s3/tr py in chl-hb-bt band	s3								
98294	103	104	1.00	s3/sil-ab+tr py-po	s3								
98295			0.00	Coarse reject		#N/A							
98296	104	105	1.00	s3/	s3								
98297	109.05	110.5	1.45	s3/	s3								
98298	110.5	111.55	1.05	s3/	s3								
98299	111.55	112.95	1.40	ab s3/py-po-sph	ab s3								
98300	112.95	114	1.05	v3/chl+bt	v3								
98301	114	114.8	0.80	v3/ab+py+po+qz-ab str	v3								
98302			0.00	Blank		#N/A							
98303	114.8	115.35	0.55	ab s3/v3 mix+chl+py-po-sph	ab s3								
98304	115.35	116.5	1.15	v3/chl+bt+tr py	v3								
98305			0.00	standard		#N/A							
98306	116.5	117	0.50	v3/chl+bt+tr py	v3								
98307	117	117.4	0.40	ab shr/bt+py-po str	ab shr								
98308	117.4	118.5	1.10	v4/bt+chl	v4								
98309	118.5	120	1.50	v4/bt+chl	v4								
98310	120	121.5	1.50	v4/bt+chl	v4								
98311	121.5	123	1.50	v4/bt+chl	v4								
98312			0.00	Coarse reject		#N/A							
98313	123	124.5	1.50	v4/tr po	v4								
98314	124.5	126	1.50	v4/po	v4								
98315			0.00	Quarter Cut		#N/A							
98316	126	127.5	1.50	v4/po	v4								
98317	127.5	129	1.50	v4/	v4								
98318	129	130.5	1.50	v4/tr po	v4								
98319	130.5	132	1.50	v4/tr po	v4								
98320	132	133.5	1.50	v4/tr po	v4								
98321	133.5	135	1.50	v4/tr po	v4								
98322			0.00	Blank		#N/A							
98323	135	136.5	1.50	v4/tr po	v4								
98324	136.5	138	1.50	v4/tr po	v4								
98325	138	139.5	1.50	v4/tr po	v4								
98326	139.5	141	1.50	v4/	v4								
98327	141	142.5	1.50	v4/	v4								
98328	142.5	144	1.50	v4/	v4								
98329	144	145.5	1.50	v4/	v4								



98330	145.5	147	1.50 v4/	v4	
98331	147	148.5	1.50 v4/	v4	
98332	148.5	150	1.50 v4/	v4	
98333	150	151	1.00 v4/fault	v4	
98334	183.25	184.5	1.25 v4/mt veinlets	v4	
98335	184.5	186	1.50 v4/mt veinlets	v4	
98336	186	187.5	1.50 v4/mt	v4	
98337	204	205.5	1.50 v4/bt str+ms str+bx	v4	
98338	205.5	207	1.50 v4/tr+bx ca veinlets	v4	
98339	221.9	223.15	1.25 v4/chl mud+fault	v4	
98340	223.15	224	0.85 v4/	v4	
98341	224	225.5	1.50 v4/mt	v4	
98342			0.00 Quarter cut		#N/A
98343	225.5	227	1.50		#N/A
98344	227	228.5	1.50		#N/A
98345			0.00 Coarse reject		#N/A
98346	228.5	230	1.50 v4/mt+ca-chl str	v4	
98347	272.5	273.7	1.20 v4/	v4	
98348	273.7	274.6	0.90 v4/chl+blocky+ca str	v4	
98349	274.6	276	1.40 s3/cd-bt-ms	s3	
98350	276	277	1.00 s3/cd-bt-ms	s3	

Box Lengths			Surimeau - November 2022			SUR-22-40			PAGE: 5		
DDH	Box Number	From m	To m	Box Length	DDH	Box Number	From m	To m	Box Length		
SUR-22-40	1	4	8.3	4.3							
SUR-22-40	2	8.3	12.65	4.35							
SUR-22-40	3	12.65	17.05	4.4							
SUR-22-40	4	17.05	21.35	4.3							
SUR-22-40	5	21.35	26.8	5.45							
SUR-22-40	6	26.8	30.15	3.35							
SUR-22-40	7	30.15	34.6	4.45							
SUR-22-40	8	34.6	39	4.4							
SUR-22-40	9	39	43.3	4.3							
SUR-22-40	10	43.3	47.7	4.4							
SUR-22-40	11	47.7	52.05	4.35							
SUR-22-40	12	52.05	56.6	4.55							
SUR-22-40	13	56.6	60.95	4.35							
SUR-22-40	14	60.95	65.3	4.35							
SUR-22-40	15	64.2	69.65	5.45							
SUR-22-40	16	69.65	74.1	4.45							
SUR-22-40	17	74.1	78.5	4.4							
SUR-22-40	18	78.5	82.8	4.3							
SUR-22-40	19	82.8	87.15	4.35							
SUR-22-40	20	87.15	91.5	4.35							
SUR-22-40	21	91.5	95.9	4.4							
SUR-22-40	22	95.9	100.25	4.35							
SUR-22-40	23	100.25	104.65	4.4							
SUR-22-40	24	104.65	109.05	4.4							
SUR-22-40	25	109.05	113.35	4.3							
SUR-22-40	26	113.35	117.7	4.35							
SUR-22-40	27	117.7	122	4.3							
SUR-22-40	28	122	126.3	4.3							
SUR-22-40	29	126.3	130.6	4.3							
SUR-22-40	30	130.6	135	4.4							
SUR-22-40	31	135	139.25	4.25							

SUR-22-40	32	139.25	144	4.75
SUR-22-40	33	144	148.3	4.3
SUR-22-40	34	148.3	152.8	4.5
SUR-22-40	35	152.8	157.25	4.45
SUR-22-40	36	157.25	161.6	4.35
SUR-22-40	37	161.6	165.8	4.2
SUR-22-40	38	165.8	169.9	4.1
SUR-22-40	39	169.9	174.45	4.55
SUR-22-40	40	174.45	178.9	4.45
SUR-22-40	41	178.9	183.25	4.35
SUR-22-40	42	183.25	187.7	4.45
SUR-22-40	43	187.7	192	4.3
SUR-22-40	44	192	196.5	4.5
SUR-22-40	45	196.5	201	4.5
SUR-22-40	46	201	205.3	4.3
SUR-22-40	47	205.3	209.8	4.5
SUR-22-40	48	209.8	214.05	4.25
SUR-22-40	49	214.05	218.8	4.75
SUR-22-40	50	218.8	223.15	4.35
SUR-22-40	51	223.15	227.65	4.5
SUR-22-40	52	227.65	232	4.35
SUR-22-40	53	232	236.3	4.3
SUR-22-40	54	236.3	240.6	4.3
SUR-22-40	55	240.6	243.85	3.25
SUR-22-40	56	243.85	249.2	5.35
SUR-22-40	57	249.2	253.4	4.2
SUR-22-40	58	253.4	257.85	4.45
SUR-22-40	59	257.85	262.1	4.25
SUR-22-40	60	262.1	266.35	4.25
SUR-22-40	61	266.35	270.8	4.45
SUR-22-40	62	270.8	275	4.2
SUR-22-40	63	275	279	4

RQD			Surimeau - November 2022		SUR-22-40		PAGE: 3	
FROM	TO	Length Core Run	$\Sigma$ pieces >10cm	RQD %				
4	6	2	1.5	75.00				
6	9	3	2.4	80.00				
9	12	3	2.6	86.67				
12	15	3	2.7	90.00				
15	18	3	2.6	86.67				
18	21	3	2.6	86.67				
21	24	3	2.8	93.33				
24	27	3	2.7	93.33				
27	30	3	2.8	95.00				
30	33	3	2.85	73.33				
33	36	3	2.2	73.33				
36	39	3	2.4	80.00				
39	42	3	2.7	90.00				
42	45	3	2.7	90.00				
45	48	3	3	100.00				
48	51	3	2.7	90.00				
51	54	3	2.8	93.33				
54	57	3	2.1	70.00				
57	60	3	2.8	93.33				
60	63	3	2.6	86.67				
63	66	3	2.7	90.00				
66	69	3	2.85	95.00				
69	72	3	2.9	96.67				
72	75	3	3	100.00				
75	78	3	2.8	93.33				
78	81	3	2.8	93.33				
81	84	3	2.7	90.00				
84	87	3	2.7	90.00				
87	90	3	2.7	90.00				
90	93	3	2.7	90.00				
93	96	3	2.7	90.00				
96	99	3	2.6	86.67				
99	102	3	3	100.00				
102	105	3	3	100.00				
105	108	3	2.5	83.33				

108	111	3	2.6	86.67
111	114	3	2.9	96.67
114	117	3	2.8	93.33
117	120	3	2.7	90.00
120	123	3	2.9	96.67
123	126	3	3	100.00
126	129	3	3	100.00
129	132	3	3	100.00
132	135	3	3	100.00
135	138	3	3	100.00
138	141	3	3	100.00
141	144	3	3	100.00
144	147	3	2.9	96.67
147	150	3	3	100.00
150	153	3	2.7	90.00
153	156	3	3	100.00
156	159	3	2.8	93.33
159	162	3	2.9	96.67
162	165	3	2.9	96.67
165	168	3	2.9	96.67
168	171	3	2.7	90.00
171	174	3	2.9	96.67
174	177	3	3	100.00
177	180	3	3	100.00
180	183	3	3	100.00
183	186	3	2.8	93.33
186	189	3	2.9	96.67
189	192	3	2.7	90.00
192	195	3	2.5	83.33
195	198	3	2.2	73.33
198	201	3	1.4	46.67
201	204	3	2.7	90.00
204	207	3	2.5	83.33
207	210	3	2.7	90.00
210	213	3	2.4	80.00
213	216	3	3	100.00
216	219	3	2.9	96.67
219	222	3	2.65	88.33
222	225	3	2.2	73.33
225	228	3	2.9	96.67

228	231	3	3	100.00
231	234	3	2.6	86.67
234	237	3	2.5	83.33
237	240	3	2.7	90.00
240	243	3	2.9	96.67
243	246	3	2.9	96.67
246	249	3	2.8	93.33
249	252	3	2.9	96.67
252	255	3	2.3	76.67
255	258	3	3	100.00
258	261	3	2.8	93.33
261	264	3	2.4	80.00
264	267	3	2.9	96.67
267	270	3	2.8	93.33
270	273	3	2.9	96.67
273	276	3	2.4	80.00
276	279	3	2.7	90.00