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Prospecting Program Fall 2022:
Fulcrum Metal's Syenite Lake Property

Priske Twp. Lower Aguasabon Lake Area

NTS Sheet# 042D14

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January 16, 2023

Summary

During and between October 26th to October 31st, 2022, a surficial prospecting program was completed on three properties held by Fulcrum Metals: Beavertrap Lake, Syenite Lake, and Carib Creek. The properties are located 35km, 26km, and 12km, respectively, from Terrace Bay, Ontario. Bayside Geoscience, based out of Thunder Bay, ON, was contracted to complete the program. The crew consisted of two geologists in training and two field assistants. The crew mobilized daily from their accommodations in Terrace Bay, ON to the Terrace Bay Airport to begin their commute via helicopter to the three land packages. Helicopter services were provided by Whiskair Helicopters based out of Thunder Bay, ON.

The program was split into two-day blocks on each property to cover as much ground as possible within the timeframe. The crew was tasked with prospecting Syenite Lake on the 28th and the 29th of October. On the 28th of October the crew focused on the large quartz porphyry unit to the east of the property. On October 29th the team prospected zones to the west of the property where multiple magnetic and conductive geophysical anomalies were seen trending NE from the Ansell Lake project towards the Syenite Lake Claim package. Outcrops were mapped and prospective lithologies were sampled and sent for assay.

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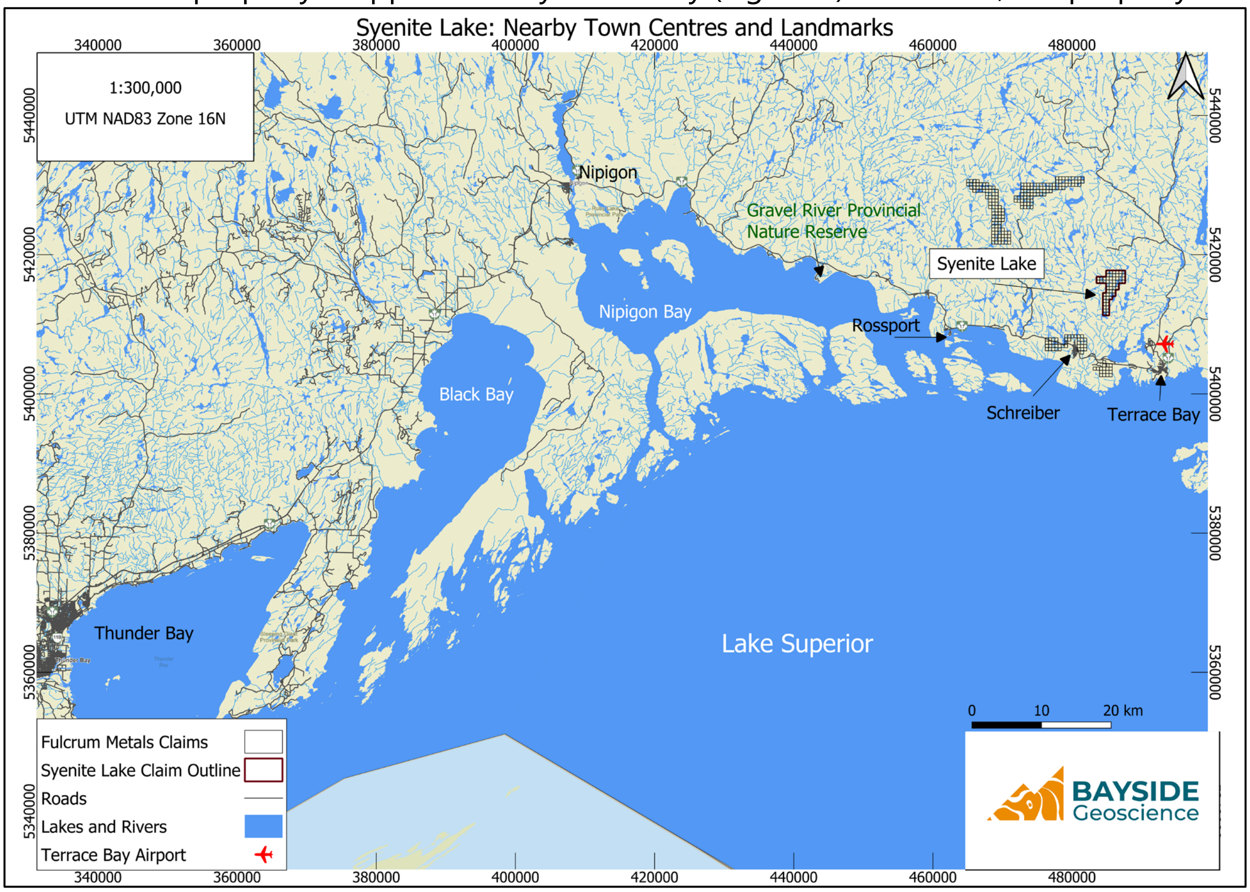
Location and Access

The Syenite Lake property is approximately 12 km north of Terrace Bay, Ontario in Priske Township and Lower Aguasabon Lake Area (Figure 1, 2). The closest road access to the property is approximately 5km away (Figure 2). Therefore, the property



was accessed by helicopter through Wisk-Air Helicopters Ltd from the Terrace Bay Airport.

Figure 1: Location of the Syenite Lake Property

Physiography

The Syenite Lake property is situated in the Abitibi upland region of the Canadian Shield (Hancox and Schneider, 2013). The terrain in the Lower Aguasabon Area has broadly rolling surfaces with a wide range in elevations ranging from 585masl in the north to 183masl in the south along the shores of Lake Superior (Hancox and Schneider, 2013). Syenite Lake is situated in the Lake Superior drainage basin and the Little Pic tertiary watershed (Hancox and Schneider, 2013).

Within the rolling hills lies multiple swamps and un-named ponds. Muskegs are also a common occurrence within the area's lowlands. These being covered by several feet of spongy sphagnum mosses. The majority of shorelines are covered in coniferous trees such as pines, cedars and spruces. The flat land is heavily forested with a thick layer of detritus and organic rich soils. Outcrops within these regions are far and few between and typically covered in granite/rock moss. Streams and creeks flowing through these regions are typically surrounded by thick brush such as alders, shrubs and various other small plant species. They are also of interest due to their ability to follow the lowest land, which tends to follow the ridges of outcrops. As elevation increases, the population of deciduous trees such as poplars, birch, and occasionally maples also increase. Jackpine and cedar are also seen within areas of higher elevation.

The regions wildlife consists of moose, bears, beavers, foxes, small mammals, and various species of birds. During the October months, moose may be in or finishing up their mating season. Be wary of moose during these times due to their aggression and territorial behavior. Other species such as woodland caribou are uncommon but may still be encountered.

Climate within the Terrace Bay area, based on Environment Canada's Terrace Bay climate station from 1971-2000 is within the temperate continental climate zone. The area is host to large seasonal temperature differences from typically hot and humid summers and cold and often severely cold winters (Hancox and Schneider, 2013). Temperatures range from -20.5°C in the winters to 20°C in the summers with a mean temperature of 1.5°C. According to Statistics Canada (2022), the average annual precipitation is of 809.4 mm with precipitation being highest in September and October.

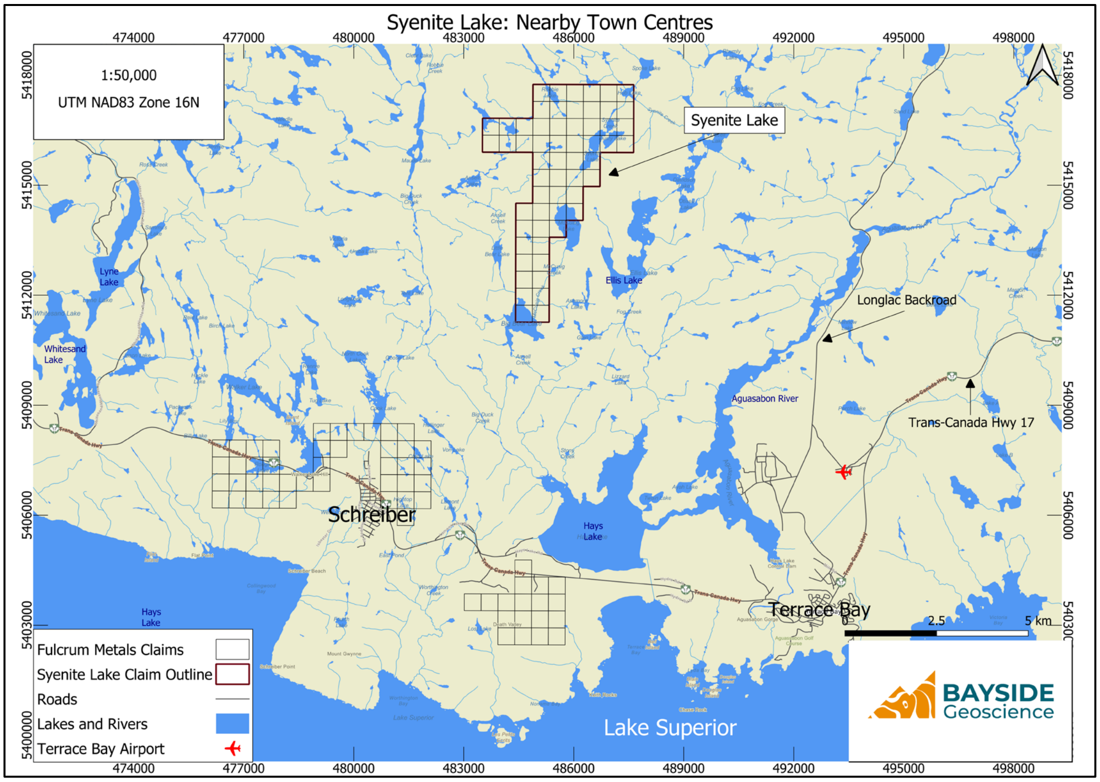


Figure 2 - Location of the Syenite Lake property and its proximity to town centers.

Property Ownership and Claims

The Syenite Lake property is located within the Thunder Bay Mining Division and comprises 58 contiguous single cell claim blocks, totalling 1,218ha. All the claims are 100% owned by Fulcrum Metals (Canada) Limited. The claim assemblage of the Syenite Lake property is shown in Figure 3.

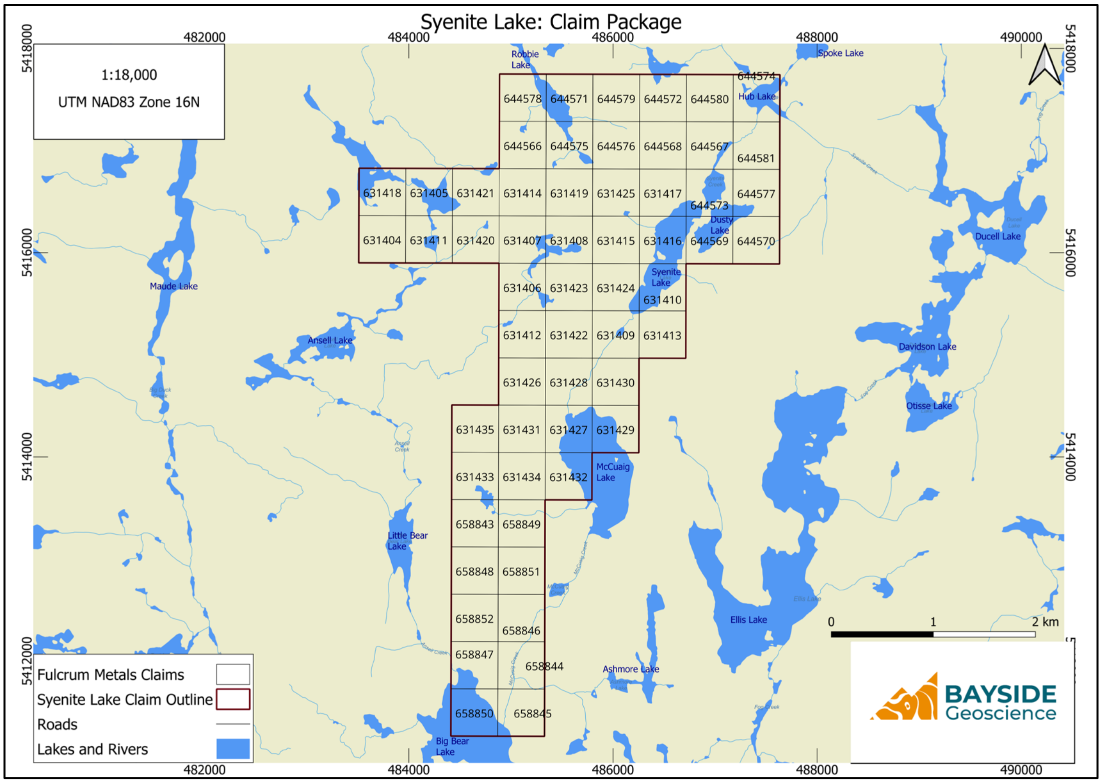


Figure 3: Claim cells of the Syenite Lake Property

Syenite Lake Property

Exploration History

The following table is a summary of the work performed within or near the Syenite Lake property.

Table 1 - Local exploration history

Year	Company	Type of Work	Property	Assessment ID
1950	E Sullivan Mines Ltd	Geological Survey / Mapping	Mitto Option	42D14NE0092
1954	Ascot Metals Corp Ltd	Diamond Drilling	Ansell Lake Property	42D15NW0086
1973	Sturgex Mines Ltd	Other	Squaw Lake, James Township, Little Bruin Lake, Tommyhow Lake	42D14SE0095
1982	Westfield Minerals Ltd	Electromagnetic Very Low Frequency, Geochemical, Geological Survey / Mapping, Magnetic / Magnetometer Survey, Prospecting By Licence Holder	Little Bruin Lake Property	42D14SE0092
1983	Chapel Bay Expl Inc	Electromagnetic, Geochemical, Geological Survey / Mapping, Magnetic / Magnetometer Survey, Other	Ansell Lake Property	42D14NE0048
1983	Chapel Bay Expl Inc	Electromagnetic, Geochemical, Geological Survey / Mapping, Magnetic / Magnetometer Survey, Other	Ansell Lake Property	42D14NE0048
1984	Noranda Exploration Co	Airborne Electromagnetic, Airborne Magnetometer	Bellevue	42D14NE0044
1984	Flint Rock Mines Ltd	Electromagnetic, Magnetic / Magnetometer Survey	Ansell Lake Property	42D14NE0028
1984	Noranda Exploration Co	Assaying and Analyses, Geological Survey / Mapping	United Westland Property	42D14SE0075
1984	Chapel Bay Expl Inc	Induced Polarization, Resistivity	Ansell Lake Property	42D14NE0045
1984	Noranda Exploration Co	Assaying and Analyses, Geological Survey / Mapping	Bellevue	42D14NE0037
1984	Noranda Exploration Co	Electromagnetic, Electromagnetic Very Low Frequency, Magnetic / Magnetometer Survey	Bellevue	42D14NE0026

1984	Noranda Exploration Co	Electromagnetic, Electromagnetic Very Low Frequency, Magnetic / Magnetometer Survey	United Westland Property	42D14SE0072
1985	Flint Rock Mines Ltd	Geochemical, Geological Survey / Mapping, Prospecting By Licence Holder	Ansell Lake Property	42D14NE0016
1985	Schreiber Resources Ltd	Geochemical, Geological Survey / Mapping	Hays Lake	42D14SE0066
1989	Ansell Lake Resources Ltd	Electromagnetic Very Low Frequency, Magnetic / Magnetometer Survey	Ansell Lake Property	42D14NE0002
1989	Ansell Lake Resources Ltd	Diamond Drilling	Ansell Lake Property	42D14NE0008
1989	Ansell Lake Resources Ltd	Diamond Drilling	Ansell Lake Property	42D14NE0008
1989	Ansell Lake Resources Ltd	Diamond Drilling	Ansell Lake Property	42D14NE0008
1992	D M Kukkee	Geochemical, Prospecting By Licence Holder	Big Bear, Little Bear Lake	42D14SE0010
2011	Brian David Fowler	Electromagnetic Very Low Frequency, Linecutting, Magnetic / Magnetometer Survey	Little Bear Property	20000006573
2020	Panther Metals (Canada) Ltd	Airborne Electromagnetic, Airborne Magnetometer	Big Bear Project	20000018662
2022	Transition Metals Corp	Aboriginal Consultation, Airborne Electromagnetic, Airborne Gradiometer	Maude Lake Property	20000020225

Historic work around the property suggests VMS style mineralization is of interest within the Syenite Lake property. VMS deposits can be some of the richest in the world due to their high-grade and often high-tonnage. They are typically rich in base-metals such as copper, zinc, lead and other minerals like silver and gold. Typically, VMS deposits are characterized by the alteration patterns surrounding the main deposit. These can be mapped out and help locate the main vent where most of the mineralization occurs.

The Ansell Lake occurrence is the nearest prospect to Syenite Lake and is currently part of Transition Metals Corp's Maude Lake Property. Ansell Lake consists of primarily metavolcanic-flows with narrow cross-cutting felsic-intermediate volcanic flows. Prospecting has outlined a linear zone of disseminate to semi-massive pyrite, chalcopyrite and pyrrhotite mineralization which extends ENE. The mineralization occurs mainly within sheared metavolcanics and correlates with a well defined magnetic-electromagnetic anomaly (Sanders, 1985). Multiple trenches and pits can be located around the property. Multiple holes have been drilled totalling about 1000 feet with variable results. Analytical data shows a large variability in concentrations with Rhyolites and Basalt-Dacites being the main contributor to the larger concentrations. Copper concentrations ranged from 8 to 19,400 ppm, zinc concentrations ranged from 10 to 580 ppm, and gold concentrations ranged from 2 to 252 ppb (Sanders, 1985).

The Nicopor Ni occurrence is located 7km to the west of the Syenite Lake property and is part of Transition Metals Corp's Maude Lake property. Ni-Cu mineralization is associated with disseminated, blebby, semi-massive and massive sulfide mineralization within a pyroxenitic intrusion. Diamond drilling completed by Transition Metals in 2022 returned up to 20.01m of 0.50% Ni equivalent (Transition Metals press release dated November 28, 2022).

Regional Geology

Most of the geological information originates from the Report on geological mapping, prospecting programs, Pick Lake project by Golden Share Mining Corporation (Huss, 2014) and the Ontario Geological Survey Open File Report 6282 (Lodge, 2012).

"The Syenite Lake property sits within the Northern Wawa Terrane east, north and south-west of the Winston Lake Zn-Cu-Ag massive sulphide deposit in the Archean Superior province. The Wawa subprovince is a granite-greenstone terrane in which contrasting units, and well-defined greenstone belts of metamorphosed komatiite, basalt, dacite and rhyolite and associated metasedimentary rocks are dispersed in a sea of granitoid rocks. The metasedimentary rocks include turbiditic wacke, minor conglomerate and iron formation. The Winston Lake greenstone belt is a small belt located directly north of, and almost connected to the Schreiber–Hemlo greenstone belt (Williams et al., 1991); however, the contact relationship of these belts is poorly constrained. The Winston Lake greenstone belt has not been mapped at a regional scale since the 1960s (Pye, 1964). The belt is bound to the north by the Quetico subprovince, to the west by the Winston Lake batholith, and to the south by the Crossman Lake batholith (Severin et al., 1991). Regional metamorphic grade in the belt is lower amphibolite facies (Williams et al., 1991). Metamorphosed hydrothermally altered rocks near the VMS deposits were initially interpreted as metasedimentary rocks because of the presence of aluminosilicate minerals (Pye, 1964)."

"The belt is informally divided into two lithotectonic assemblage: the Winston Lake and Big Duck assemblages (a thick mafic unit composing most of the belt). The WLGB is characterized by mafic to felsic volcanic and siliciclastic sedimentary rocks, which are collectively intruded by tonalite-trondhjemite-granodiorite and gabbroic rocks. There is polyphase deformation, and greenschist to amphibolite facies metamorphism. The volcanic sequence is known for its Pick Lake, Winston Lake and Zenith volcanic hosted massive sulphide (VMS) deposits. These deposits are underlain by an association of mafic to felsic volcanic flows and pyroclastic rocks, and are overlain by tholeiitic basalts. The Pick Lake, Winston Lake and Zenith deposits were classified bimodal-mafic VMS type."

Local Geology

Most of the local geology is summarized from the Flint Rock Mines Limited geophysical surveys report on the Ansell Lake Property (Sanders, 1984). It is located slightly west of the Syenite Lake property and consisting of very similar geological formations and structures.

"Generally, the property is underlain by a steeply dipping, ENE trending, south facing Archean metavolcanic sequence which is composed largely of very fine grained pillowed and massive, intermediate to mafic flows. (Carter, 1981). Restricted interflow volcanoclastic and clastic sedimentary horizons are also present. A series of narrow, elongate subvolcanic intrusive bodies are evident on the property. These intrusives are generally oriented 060 and are of two main types:

i) medium grained, massive to porphyritic diorites, and,
ii) intermediate to felsic quartz feldspar porphyries.

Small scale secondary structures are mainly oriented sub-parallel to stratigraphy. Shearing and the development of schistosity is most evident in proximity to volcanic/intrusive contacts (East Sullivan Mines,1950). Larger scale faults and lineaments are generally oriented NNE to NNW and ENE. Metamorphism is of greenschist to amphibolite grade."

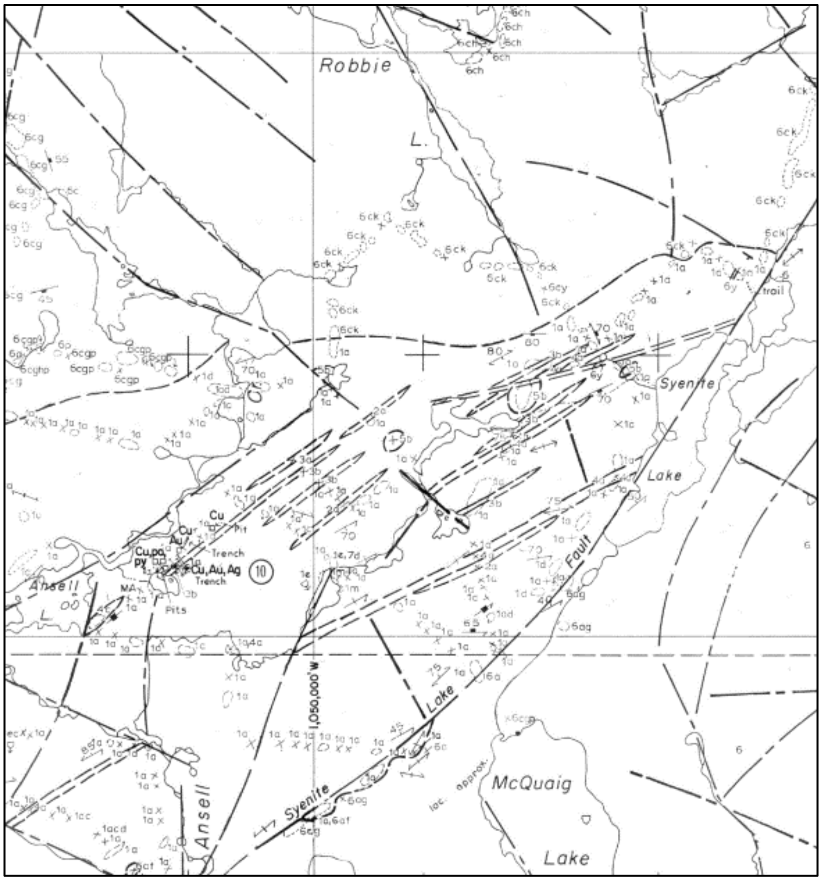


Figure 4:The regional geology of the Syenite Lake Property. 1: Mafic Metavolcanics; 2: Intermediate Metavolcanics. 3: Felsic Metavolcanics; 4: Metavolcanics and metasediments; 5: Metamorphosed intrusive; 6: Felsic Intrusives; 7: Mafic Intrusives. Historical Ansell Lake Property Located to the west, outside of the Syenite Lake Property. Dashed lines: Interpreted contact; Solid Line: Observed Contact. (Carter, 1982).

2022 Prospecting Program

The Syenite Lake program was completed over a 2-day period from October 28th, 2022 to October 29th, 2022. A crew of 4 personnel, contracted from and managed by Bayside Geoscience mobilized from Thunder Bay to Terrace Bay on October 26th, 2022 and demobilized from Terrace Bay on October 31st, 2022. The Syenite Lake property was prospected for 2 of those days by two teams. A daily log of their activities is available in Appendix C. The objective of the program was to investigate and sample the various magnetic and conductivity anomalies within the property. The secondary objective was to cover as much ground as possible within the 2-day time frame.

34 geological stations were recorded utilizing the QField application using Samsung Tab A tablets. A sample database with predetermined fields was setup in QField consisting of sample ID, sample type, lithology, structure, alteration,

mineralization, photos and notes. A Garmin 64s handheld GPS was utilized to collect high accuracy waypoints at each station, as well as tracks.

A digital printout of the station database is included in Appendix D. Maps showing station and sample locations, as well as GPS tracks from each traverse were included in Appendix B. A total of 34 grab samples were collected during the program. Results are seen in Table 3 with assay certificates in Appendix E. All coordinates were presented in NAD 83 UTM Zone 16N.

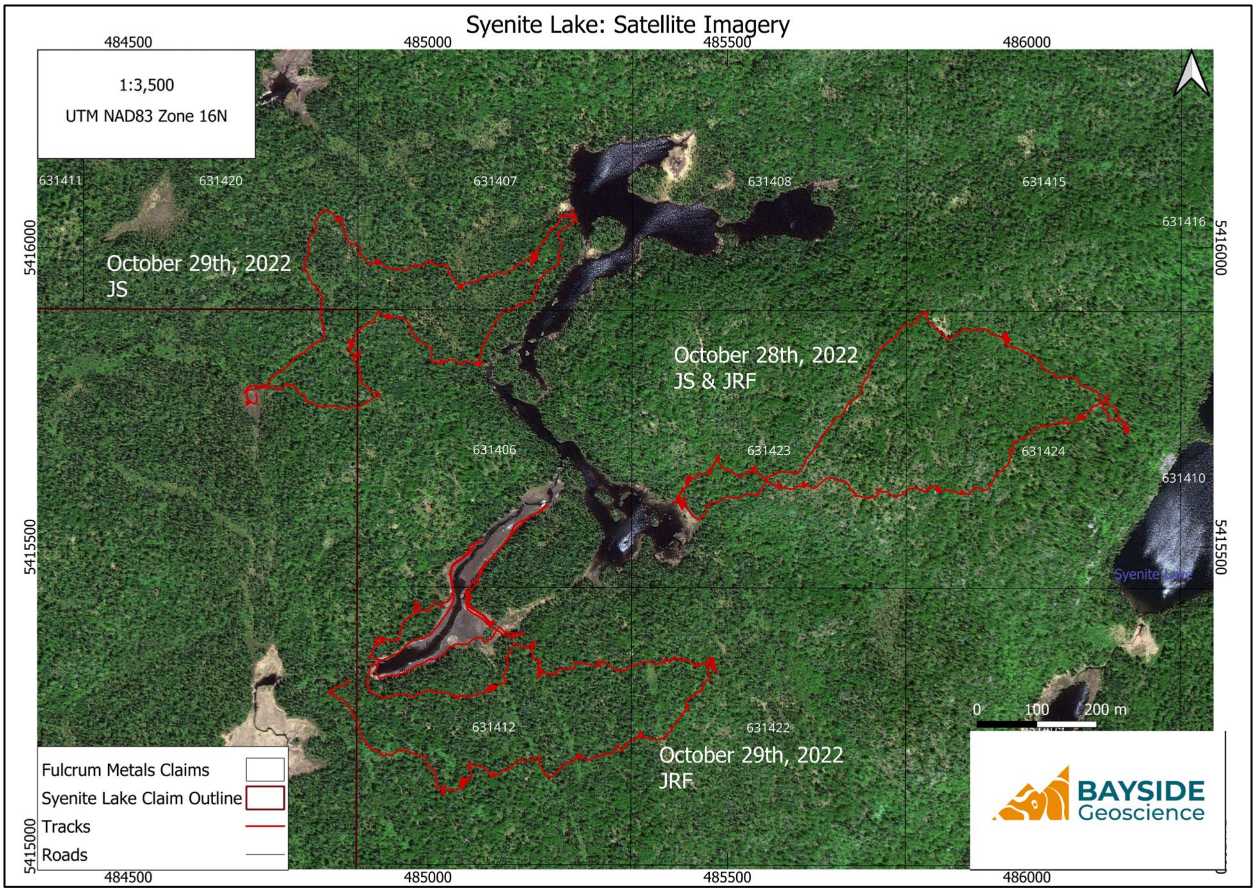


Figure 5: Traverse maps overlain on satellite imagery.

Sampling Procedures & QA/QC

Rock samples were collected by field personnel utilizing rock hammers and placed into sample bags labelled with unique station ID's and sample numbers. The station ID naming scheme was based on the property name, the geologist's initials, and the station number. Field personnel recorded sample information in a digital data collector and recorded GPS coordinates, geological observations, and photographs at each sample location. Control samples or blanks were not inserted for analysis, therefore these results are not National Instrument 43-101 compliant.

Assay Methodology

The samples were sent to Activation Laboratories Ltd. in both Ancaster, Ontario for Ultratrace and in Thunder Bay, Ontario for Fire Assay. A total of 34 samples from Syenite Lake and 60 samples collected from other properties were sent for assay. Each sample was analyzed utilizing Fire Assay (for Au) and Ultratrace ICPMS (for Ag, Al, As, Au, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, Hg, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Sc, Se, Sr, Te, Th, Ti, Tl, V, W, Zn). Assay preparation was accomplished by crushing samples to a 2mm particle size, mechanically splitting the samples to 250g, and then pulverizing to 105µm. Appendix E contains the Assay certificates.

Results

34 samples were collected from 7 different claim blocks (Table 2). The rock samples collected from the Syenite Lake property consist of various Felsic to Mafic volcanic lithologies, gabbro and pyroxenite, as well as quartz veins. (Figure 10).

Au, Zn and Cu results are summarized in Table 3. The highest Cu and Zn results came from samples 1101738 and 1101740 (Figure 8, 9). Sample 1101738 had concentrations of 1050 ppm Cu and 148 ppm Zn. Sample 1101740 had concentrations of 1120 ppm Cu and 150 ppm Zn. The highest Au assay value encountered was 62 ppb Au from sample 1101734. The three samples were all taken from mafic volcanic units.

Table 2 - Location and claim block associated with samples collected during the field program

Project Area	Sample #	Township/Area	Tenure ID	Anniversary Date	Claim Holder
Syenite Lake	1101728-1101732	Lower Aguasabon Lake Area	631423	2023-01-19	Fulcrum Metals (Canada) Ltd.
Syenite Lake	1101733-1101737	Lower Aguasabon Lake Area	631424	2023-01-19	Fulcrum Metals (Canada) Ltd.
Syenite Lake	1101738-1101740	Lower Aguasabon Lake Area	631420	2023-01-19	Fulcrum Metals (Canada) Ltd.
Syenite Lake	1101741-1101746	Lower Aguasabon Lake Area	631407	2023-01-19	Fulcrum Metals (Canada) Ltd.
Syenite Lake	1101747-1101750	Lower Aguasabon Lake Area	631406	2023-01-19	Fulcrum Metals (Canada) Ltd.
Syenite Lake	1101763-1101767; 1101769-1101773	Lower Aguasabon Lake Area	631412	2023-01-19	Fulcrum Metals (Canada) Ltd.
Syenite Lake	1101768	Lower Aguasabon Lake Area	631422	2023-01-19	Fulcrum Metals (Canada) Ltd.

Table 3 - Assay results for the Syenite Lake property with respective Station ID, UTM coordinates, and lithologies.

						Au	Cu	Zn
						ppb	ppm	ppm
						5	0.2	1
Station ID	Sample ID	Easting	Northing	Elevation	Lithology	FA-AA	AR-MS	AR-MS
SL-JS-001	1101728	485418	5415579	418	Gabbro	< 5	1.9	52
SL-JS-002	1101729	485434	5415615	431	Mafic Volcanic	< 5	39.2	79
SL-JS-003	1101730	485543	5415630	462	Intermediate Volcanic	< 5	29.3	115
SL-JS-004	1101731	485588	5415605	480	Mafic Volcanic	< 5	28.8	79
SL-JS-005	1101732	485626	5415604	479	Intermediate Volcanic	< 5	1.2	35
SL-JS-006	1101733	485851	5415601	472	Mafic Volcanic	< 5	20.3	102
SL-JS-007a	1101734	486090	5415718	457	Mafic Volcanic	62	343	52
SL-JS-007b	1101735	486090	5415718	457	Mafic Volcanic	22	138	45
SL-JS-008	1101736	486135	5415749	452	Quartz Vein	< 5	7	35
SL-JS-009	1101737	485968	5415856	461	Mafic Volcanic	< 5	59.2	85
SL-JS-010a	1101738	484850	5416047	413	Mafic Volcanic	< 5	1050	148
SL-JS-010b	1101739	484850	5416047	413	Mafic Volcanic	< 5	476	130
SL-JS-010c	1101740	484850	5416047	413	Mafic Volcanic	8	1120	150
SL-JS-011	1101741	484917	5415978	417	Mafic Volcanic	< 5	57	109
SL-JS-012a	1101742	485056	5415936	420	Gabbro	< 5	36.1	122
SL-JS-012b	1101743	485056	5415936	420	Gabbro	< 5	220	90
SL-JS-013a	1101744	485180	5415984	419	Pyroxenite	< 5	39.3	143
SL-JS-013b	1101745	485180	5415984	419	Pyroxenite	< 5	69.6	115
SL-JS-014	1101746	485221	5415983	421	Mafic Volcanic	< 5	192	120
SL-JS-015	1101747	484931	5415881	424	Gabbro	< 5	124	72
SL-JS-016a	1101748	484886	5415819	427	Felsic Volcanic	< 5	262	23
SL-JS-016b	1101749	484886	5415819	427	Felsic Volcanic	< 5	266	23
SL-JS-016c	1101750	484886	5415819	427	Felsic Volcanic	< 5	375	26
SL-JRF-001	1101763	485075	5415344	422	Intermediate Volcanic	< 5	12.2	58
SL-JRF-002	1101764	484964	5415290	421	Intermediate Volcanic	< 5	125	43
SL-JRF-003	1101765	485023	5415089	439	Mafic Volcanic	< 5	196	79
SL-JRF-004	1101766	485057	5415111	440	Mafic Volcanic	< 5	78.1	97
SL-JRF-005	1101767	485112	5415120	436	Intermediate Volcanic	< 5	79.4	107
SL-JRF-006	1101768	485473	5415304	433	Intermediate Volcanic	< 5	5.6	30
SL-JRF-007	1101769	485286	5415304	435	Mafic Volcanic	< 5	64.8	130
SL-JRF-008	1101770	485173	5415334	431	Intermediate Volcanic	< 5	44.6	60
SL-JRF-009	1101771	485111	5415263	430	Intermediate Volcanic	< 5	7.7	57
SL-JRF-010	1101772	484922	5415342	438	Intermediate Volcanic	< 5	15.5	29
SL-JFR-011	1101773	485064	5415420	431	Intermediate Volcanic	< 5	19.1	92

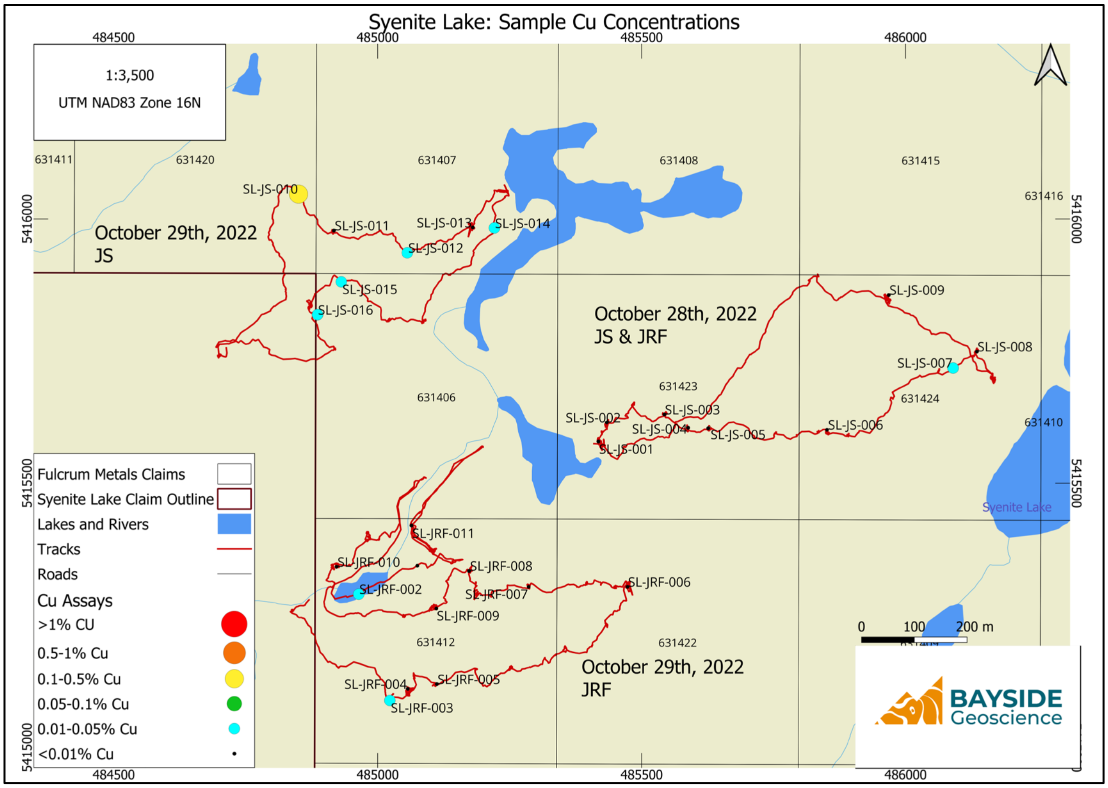


Figure 7: Cu concentrations accompanied by sample location within the Syenite Lake property

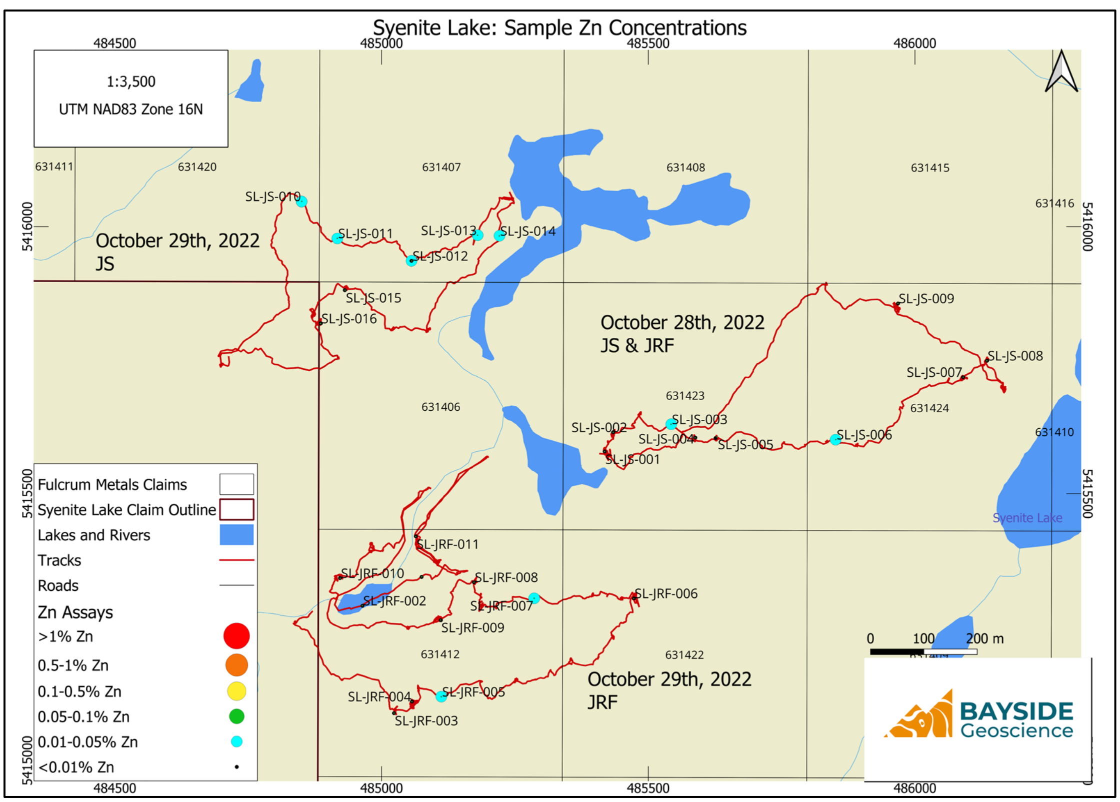


Figure 6: Zn concentrations accompanied by sample location within the Syenite Lake property

As seen in figures 6 and 7, the two significant Cu and Zn samples were taken at the same location, with station names for the samples SL-JS-010a and SL-JS-010c. The samples within figures 8 and 9 were determined to be fine-grained weakly silicified sheared mafic volcanic with an abundance of quartz stringers. Chalcopyrite mineralization occurred readily within the veins with biotite alteration often occurring within silicified sections.

Figure 8: Photograph of the sample 1101738 (SL-JS-010a).

Figure 9: Photograph of sample 1101740 (SL-JS-010c).

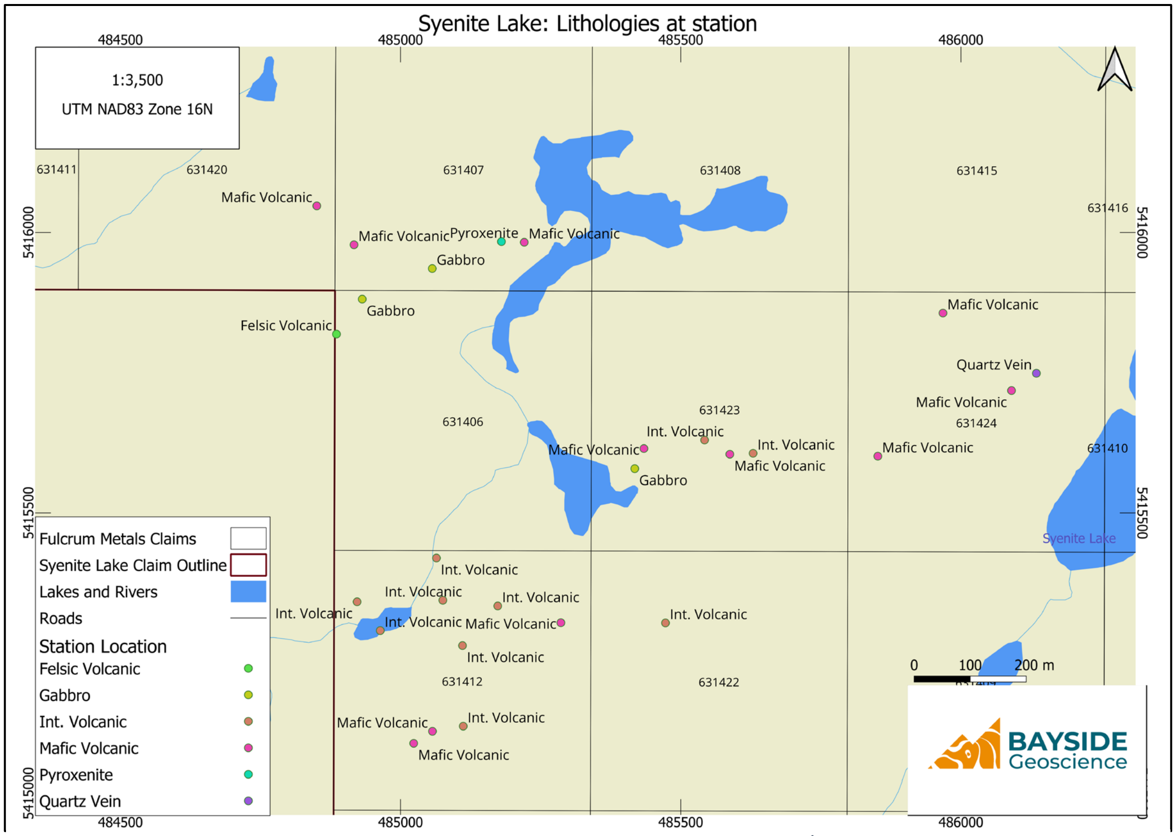


Figure 10: Map demonstrating the various lithologies encountered at each sample/station location.

Conclusions and Recommendations

The 2022 prospecting program at Syenite Lake resulted in the discovery of anomalous Cu mineralization along strike and ENE from the Ansell Lake Cu occurrence. Two samples returned Cu values of 1050ppm and 1120ppm respectively in silicified, chalcopyrite bearing mafic volcanics. Additional prospecting to the south and east of these samples did not return favourable assays but given the short time on the ground these areas can not be written off yet.

The discovery of mafic intrusives (gabbro and pyroxenite) on the east side of the property is novel as these have not been documented from previous geological surveys. The Maude Lake Ni occurrence is located 7km W of these sample locations and mineralization there is also hosted within pyroxenitic intrusions. Although no sulfide mineralization was observed in these samples, the extent of the intrusion should be defined and more thorough prospecting for sulfide mineralization should be completed.

In consideration of the geology and mineralization observed at Syenite Lake an airborne electromagnetic survey is recommended to focus a second, more robust prospecting and mapping program. Any conductors should be ground truthed and more detailed geological mapping should be completed.

Expenditures

Table 4: Summary of Expenditures on the 2022 Syenite Lake Exploration Program

Expenditure Type	Cost/Unit	Units	Total
Geologist in Training	$750.00	4	$3,000.00
Field Assistant	$525.00	3	$1,575.00
Management Fee	$100.00	2	$200.00
Truck Rental	$100.00	2	$200.00
Supplies	$167.00	1	$167.00
Helicopter Costs	$2,443.00	1	$2,443.00
Lodging	$1,039.92	1	$1,039.92
Meals	$60.00	8	$480.00
Assays	$51.20	33	$1,689.60
Report Writing	$4,000.00	1	$4,000.00
		Total	**$14,794.52**

Table 5: Distribution of Expenditures

Cell ID	Grab Sample Count	Sample Analysis Costs	Mapping Station Count	Proportion of Stations/Cell	Labour/Fixed Costs	Total Cost/Cell
631406	4	$198.78	2	7.41%	$970.73	$1,169.51
631407	6	$298.16	4	14.81%	$1,941.47	$2,239.63
631412	10	$496.94	10	37.04%	$4,853.67	$5,350.62
631420	3	$149.08	1	3.70%	$485.37	$634.45
631422	1	$49.69	1	3.70%	$485.37	$535.06
631423	5	$248.47	5	18.52%	$2,426.84	$2,675.31
631424	5	$248.47	4	14.81%	$1,941.47	$2,189.94
Total	**34**	**$1,689.60**	**27**	**100.00%**	**$13,104.92**	**$14,794.52**

Statement of Qualifications

I, Steven D. Flank, of the City of Thunder Bay, in the Province of Ontario, do hereby certify that:

1. I am the President and Principal Geoscientist of Bayside Geoscience Inc., a geological consulting company based in Thunder Bay, Ontario.
2. I am a member in good standing with the Association of Professional Geoscientists of Ontario (#2695), residing at 124 Sherwood Drive, Thunder Bay, Ontario, P7B 6L1.
3. I attained an H.BSc. in Geology from Lakehead University in Thunder Bay, Ontario (2011) and an M.Sc. in Mineral Exploration from Laurentian University in Sudbury, Ontario (2017).
4. I have worked as an exploration geologist for over 10 years focusing on project generation and early-stage gold projects including shear zone hosted lode gold and intrusion related disseminated gold deposits and intrusion related Ni-Cu-PGE deposits.
5. I personally supervised work at the 2022 Prospecting Program at the Syenite Lake Preoperty as described in this report.

Dated

January 17, 2023

Thunder Bay, Ontario, Canada

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Steven D. Flank, M.Sc., P.Geo.

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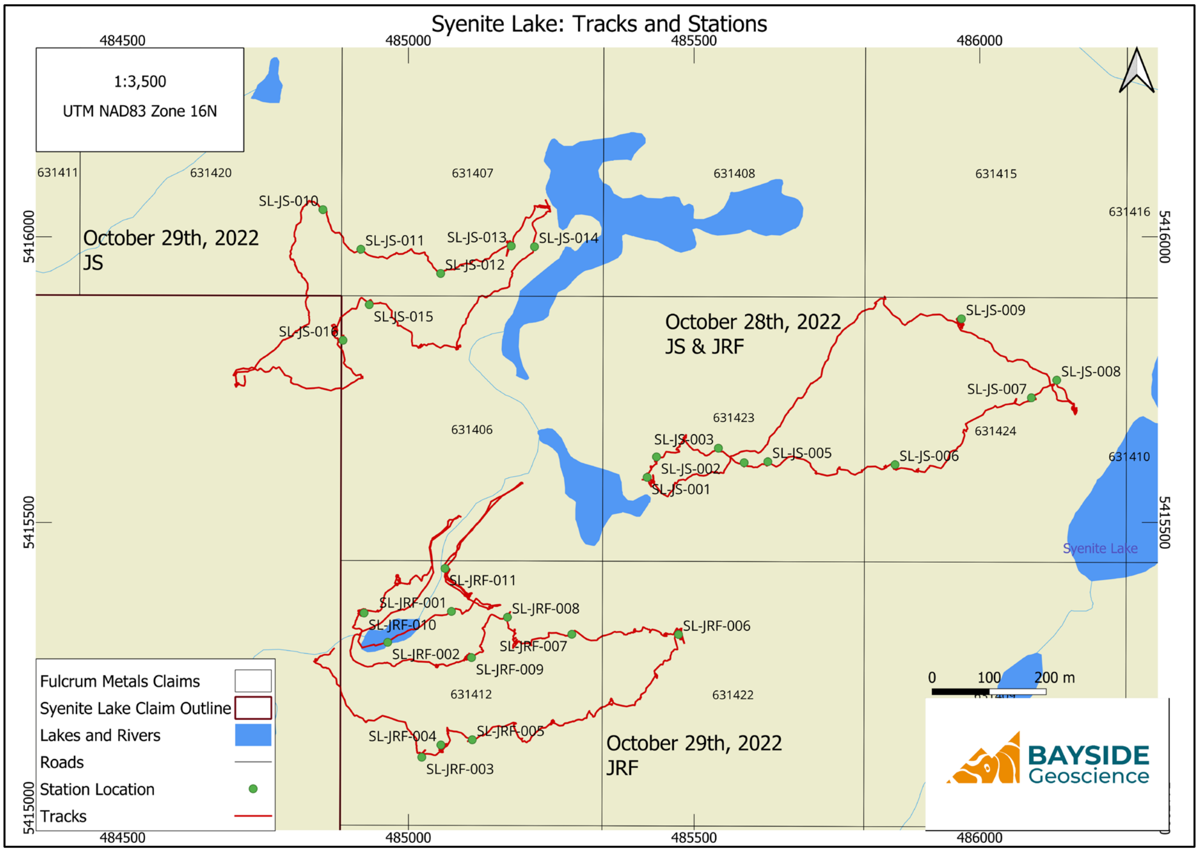
Appendix A: Claim Details

Claim ID	Claim Type	Expiry Date	Holder	Township/Area
631426	SCMC	2023-01-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area, Priske
631427	SCMC	2023-01-19	(100) Fulcrum Metals (Canada) Ltd.	Priske
631428	SCMC	2023-01-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area, Priske
631429	SCMC	2023-01-19	(100) Fulcrum Metals (Canada) Ltd.	Priske
631430	SCMC	2023-01-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area, Priske
631431	SCMC	2023-01-19	(100) Fulcrum Metals (Canada) Ltd.	Priske
631432	SCMC	2023-01-19	(100) Fulcrum Metals (Canada) Ltd.	Priske
631433	SCMC	2023-01-19	(100) Fulcrum Metals (Canada) Ltd.	Priske
631434	SCMC	2023-01-19	(100) Fulcrum Metals (Canada) Ltd.	Priske
631435	SCMC	2023-01-19	(100) Fulcrum Metals (Canada) Ltd.	Priske
631404	SCMC	2023-01-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area
631405	SCMC	2023-01-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area
631406	SCMC	2023-01-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area
631407	SCMC	2023-01-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area
631408	SCMC	2023-01-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area
631409	SCMC	2023-01-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area
631410	SCMC	2023-01-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area
631411	SCMC	2023-01-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area

631412	SCMC	2023-01-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area
631413	SCMC	2023-01-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area
631414	SCMC	2023-01-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area
631415	SCMC	2023-01-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area
631416	SCMC	2023-01-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area
631417	SCMC	2023-01-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area
631418	SCMC	2023-01-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area
631419	SCMC	2023-01-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area
631420	SCMC	2023-01-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area
631421	SCMC	2023-01-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area
631422	SCMC	2023-01-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area
631423	SCMC	2023-01-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area
631424	SCMC	2023-01-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area
631425	SCMC	2023-01-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area
644566	SCMC	2023-03-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area
644567	SCMC	2023-03-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area
644568	SCMC	2023-03-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area
644569	SCMC	2023-03-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area
644570	SCMC	2023-03-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area
644571	SCMC	2023-03-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area
644572	SCMC	2023-03-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area

644573	SCMC	2023-03-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area
644574	SCMC	2023-03-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area
644575	SCMC	2023-03-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area
644576	SCMC	2023-03-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area
644577	SCMC	2023-03-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area
644578	SCMC	2023-03-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area
644579	SCMC	2023-03-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area
644580	SCMC	2023-03-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area
644581	SCMC	2023-03-19	(100) Fulcrum Metals (Canada) Ltd.	Lower Aguasabon Lake Area
658843	SCMC	2023-05-27	(100) Fulcrum Metals (Canada) Ltd.	Priske
658844	SCMC	2023-05-27	(100) Fulcrum Metals (Canada) Ltd.	Priske
658845	SCMC	2023-05-27	(100) Fulcrum Metals (Canada) Ltd.	Priske
658846	SCMC	2023-05-27	(100) Fulcrum Metals (Canada) Ltd.	Priske
658847	SCMC	2023-05-27	(100) Fulcrum Metals (Canada) Ltd.	Priske
658848	SCMC	2023-05-27	(100) Fulcrum Metals (Canada) Ltd.	Priske
658849	SCMC	2023-05-27	(100) Fulcrum Metals (Canada) Ltd.	Priske
658850	SCMC	2023-05-27	(100) Fulcrum Metals (Canada) Ltd.	Priske
658851	SCMC	2023-05-27	(100) Fulcrum Metals (Canada) Ltd.	Priske
658852	SCMC	2023-05-27	(100) Fulcrum Metals (Canada) Ltd.	Priske

Appendix B: Tracks and Station Locations



Appendix C: Daily Work Logs

Table 2 - Daily Work Logs

Personnel	Date	Details	Samples
Joe/Jules/Jeremie	28-Oct-22	**Location**: Syenite Lake **Objective**: Identify and sample large quartz porphyry unit described in historic map. **Notes**: Cameron sick, stayed back. No quartz porphyry located. Gabbro with porphyritic texture and brecciated quartz veins located. Majority of area is covered by mafic volcanics. Intensely mineralized float sample with up to 10% pyrrhotite. Gossanous and mineralization is banded.	1101728 - 1101737
Jeremie/Cameron	29-Oct-22	**Location**: Syenite Lake **Objective**: Locate and sample mineralization associated with conductivity anomaly. **Notes**: Multiple quartz porphyry dykes striking NE with abundant euhedral pyrite. Weakly mineralized intermediate-mafic volcanics. Porphyritic samples typically found on edges of swamps and within topographic lows.	1101763 - 1101773
Joe/Jules	29-Oct-22	**Location**: Syenite Lake **Objective**: Locate and sample mineralization associated with conductivity anomaly. **Notes**: Multiple oxidized mafic volcanic outcrops with minor sulphides and variable amounts of quartz stockwork.	1101738 - 1101750

Appendix D: Station Descriptions

Station_ID	Sample_ID	Easting	Northing	Elevation	Sampler	Date	Sample_Med	Lithology	Lith_Mod	Struct_1	Struc_1_Az	Struc_1_Di	Str_1_Cons	Str_1_Gen	Struct_2	Struc_2_Az	Struc_2_Di	Str_2_Cons	Str_2_Gen
SL-JS-001	1101728	485418	5415579	418	JS	2022-10-28	Outcrop	Gabbro	Porphyritic	Foliation	60								
SL-JS-002	1101729	485434	5415615	431	JS	2022-10-28	Outcrop	Mafic Volcanic											
SL-JS-003	1101730	485543	5415630	462	JS	2022-10-28	Outcrop	Intermediate Volcanic	Tuff	Foliation	352	52							
SL-JS-004	1101731	485588	5415605	480	JS	2022-10-28	Outcrop	Mafic Volcanic		Foliation	260	80							
SL-JS-005	1101732	485626	5415604	479	JS	2022-10-28	Subcrop	Intermediate Volcanic	Porphyritic	Shear Zone	228	80		1	Vein	95	85	Quartz	2
SL-JS-006	1101733	485851	5415601	472	JS	2022-10-28	Outcrop	Mafic Volcanic		Vein	255								
SL-JS-007a	1101734	486090	5415718	457	JS	2022-10-28	Float	Mafic Volcanic											
SL-JS-007b	1101735	486090	5415718	457	JS	2022-10-28	Float	Mafic Volcanic											
SL-JS-008	1101736	486135	5415749	452	JS	2022-10-28	Outcrop	Quartz Vein	Breccia										
SL-JS-009	1101737	485968	5415856	461	JS	2022-10-28	Outcrop	Mafic Volcanic											
SL-JS-010a	1101738	484850	5416047	413	JS	2022-10-29	Outcrop	Mafic Volcanic		Foliation	240	78							
SL-JS-010b	1101739	484850	5416047	413	JS	2022-10-29	Outcrop	Mafic Volcanic		Foliation	240	78							
SL-JS-010c	1101740	484850	5416047	413	JS	2022-10-29	Outcrop	Mafic Volcanic		Foliation	240	78							
SL-JS-011	1101741	484917	5415978	417	JS	2022-10-29	Outcrop	Mafic Volcanic											

Station_ID	Sample_ID	Easting	Northing	Elevation	Sampler	Date	Sample_Med	Lithology	Lith_Mod	Struct_1	Struc_1_Az	Struc_1_Di	Str_1_Cons	Str_1_Gen	Struct_2	Struc_2_Az	Struc_2_Di	Str_2_Cons	Str_2_Gen
SL-JS-012a	1101742	485056	5415936	420	JS	2022-10-29	Outcrop	Gabbro		Vein	150	60							
SL-JS-012b	1101743	485056	5415936	420	JS	2022-10-29	Outcrop	Gabbro		Vein	150	60							
SL-JS-013a	1101744	485180	5415984	419	JS	2022-10-29	Outcrop	Pyorxenite											
SL-JS-013b	1101745	485180	5415984	419	JS	2022-10-29	Outcrop	Pyorxenite											
SL-JS-014	1101746	485221	5415983	421	JS	2022-10-29	Float	Mafic Volcanic											
SL-JS-015	1101747	484931	5415881	424	JS	2022-10-29	Outcrop	Gabbro											
SL-JS-016a	1101748	484886	5415819	427	JS	2022-10-29	Outcrop	Felsic Volcar	Tuff	Foliation	70	60							
SL-JS-016b	1101749	484886	5415819	427	JS	2022-10-29	Outcrop	Felsic Volcani	Tuff	Foliation	70	60							
SL-JS-016c	1101750	484886	5415819	427	JS	2022-10-29	Outcrop	Felsic Volcani	Tuff	Foliation	70	60							
SL-JRF-001	1101763	485075	5415344	422	JRF	2022-10-29	Outcrop	Intermediate V	Porphyritic	Contact	227				Vein	34	30	Quartz	
SL-JRF-002	1101764	484964	5415290	421	JRF	2022-10-29	Outcrop	Intermediate V	Porphyritic	Foliation	258								
SL-JRF-003	1101765	485023	5415089	439	JRF	2022-10-29	Subcrop	Mafic Volcanic											
SL-JRF-004	1101766	485057	5415111	440	JRF	2022-10-29	Outcrop	Mafic Volcanic			3								
SL-JRF-005	1101767	485112	5415120	436	JRF	2022-10-29	Outcrop	Intermediate Volcanic			0								
SL-JRF-006	1101768	485473	5415304	433	JRF	2022-10-29	Outcrop	Intermediate V	Porphyritic	Vein	114				Foliation	246		Chlorite	
SL-JRF-007	1101769	485286	5415304	435	JRF	2022-10-29	Outcrop	Mafic Volcanic											
SL-JRF-008	1101770	485173	5415334	431	JRF	2022-10-29	Outcrop	Intermediate Volcanic											
SL-JRF-009	1101771	485111	5415263	430	JRF	2022-10-29	Outcrop	Intermediate Volcanic		Shear Zone	238								
SL-JRF-010	1101772	484922	5415342	438	JRF	2022-10-29	Outcrop	Intermediate V	Porphyritic										
SL-JFR-011	1101773	485064	5415420	431	JRF	2022-10-29	Outcrop	Intermediate V	Porphyritic	Foliation	73								

Station_ID	Sample_ID	Easting	Northing	Elevation	Alt_1	Alt_1_Inte	Alt_1_Styl	Alt_2	Alt_2_Inte	Alt_2_Styl	Minz_1	Minz_1_Per	Minz_1_Sty	Minz_2	Minz_2_Per	Minz_2_Sty	Minz_3	Minz_3_Per	Minz_3_Sty	Notes
SL-JS-001	1101728	485418	5415579	418	Chlorite	Weak	Fracture Controlled													Weakly schistose fine grained matrix with quartz phenocrysts. Non magnetic and no mineralization. Found on edge of swamp.
SL-JS-002	1101729	485434	5415615	431							Pyrite	1	Stringers							Fg massive magic volcanic with no alt and 1 stringer of pyrite. Non magnetic. Sample taken. On side of 3 meter shear face on hill.
SL-JS-003	1101730	485543	5415630	462	Calcite	Weak	Fracture Controlled	Silica	Moderate	Pervassive	Pyrite	2	Stringers							5x5 outcrop. Intermediate volcanic tuff. More felsic near sheared section. Sulfides fracture filling carb veinlets. Sample taken.
SL-JS-004	1101731	485588	5415605	480	Calcite	Weak	Patchy				Pyrite	2	Whispy							Fine grained mafic volcanic moderate shear approx. 1-2 ft wide. Patchy magnetism most likely due to magnetite. Sample taken from angular float sitting on outcrop with 2% bleary pyrite
SL-JS-005	1101732	485626	5415604	479	Silica	Moderate	Pervassive	Chlorite	Weak	Fracture Controlled	Pyrite	1	Vein							Sheared felsic-int volcanic. Looks to be sheared porphyry. Sheared is atleast 1 meter wide. Weak to no minz. Sampled quartz vein cross cutting the shear.
SL-JS-006	1101733	485851	5415601	472	Epidote	Moderate	Veins	Calcite	Weak	Patchy										Side of hill. Strong epidote stringer veins running through fg mv. No minz.
SL-JS-007a	1101734	486090	5415718	457	Silica	Weak	Fracture Controlled				Pyrrhotite	10	Fracture Filling	Chalcopyrite	1	Fracture Filling				2 samples taken of gossanous mafic volcanic(potentially seds) magnetic pyrrhotite bands throughout unit. Orange- purple staining. Black fg-aphanitic. Minor color observed. Float. Proximal to mv oc.
SL-JS-007b	1101735	486090	5415718	457	Silica	Weak	Fracture Controlled				Pyrrhotite	10	Fracture Filling	Chalcopyrite	1	Fracture Filling				2 samples taken of gossanous mafic volcanic(potentially seds) magnetic pyrrhotite bands throughout unit. Orange- purple staining. Black fg-aphanitic. Minor color observed. Float. Proximal to mv oc.
SL-JS-008	1101736	486135	5415749	452	Chlorite	Weak	Patchy	Pottasium	Moderate	Patchy	Pyrite	1	Vein							White quartz vein running through mafic volcanic. Minor mineralization. Brown-green service found as well.
SL-JS-009	1101737	485968	5415856	461	Calcite	Weak	Pervassive				Pyrite	1	Disseminated							Sampled mv. Not altered. Trace pyrite. Minor qtz sweats. Blocky outcrop on side of valley. Both sides composed of same. No strain.
SL-JS-010a	1101738	484850	5416047	413	Silica	Moderate	Veins	Calcite	Moderate	Patchy	Chalcopyrite	2	Stringers	Pyrite	2	Whispy				Oxidized outcrop composed of sheared fg mv with strong quartz stringer vein stockwork. Cpy occuring readily within the veins. 3 samples taken. Bt alt occuring in silicious sections.
SL-JS-010b	1101739	484850	5416047	413	Silica	Moderate	Veins	Calcite	Moderate	Patchy	Chalcopyrite	2	Stringers	Pyrite	2	Whispy				Oxidized outcrop composed of sheared fg mv with strong quartz stringer vein stockwork. Cpy occuring readily within the veins. 3 samples taken. Bt alt occuring in silicious sections.
SL-JS-010c	1101740	484850	5416047	413	Silica	Moderate	Veins	Calcite	Moderate	Patchy	Chalcopyrite	2	Stringers	Pyrite	2	Whispy				Oxidized outcrop composed of sheared fg mv with strong quartz stringer vein stockwork. Cpy occuring readily within the veins. 3 samples taken. Bt alt occuring in silicious sections.
SL-JS-011	1101741	484917	5415978	417	Calcite	Strong	Veins				Chalcopyrite	1	Fracture Filling							Stronglt altered mv. Grain size increase, almost looks like gabbro due to hydrothermal alt. Less cpy here. Patchy oxidation. Non magnetic. 1 sample here. 5x5 oc.

Station_ID	Sample_ID	Easting	Northing	Elevation	Alt_1	Alt_1_Inte	Alt_1_Styl	Alt_2	Alt_2_Inte	Alt_2_Styl	Minz_1	Minz_1_Per	Minz_1_Sty	Minz_2	Minz_2_Per	Minz_2_Sty	Minz_3	Minz_3_Per	Minz_3_Sty	Notes
SL-JS-012a	1101742	485056	5415936	420	Chlorite	Strong	Pervassive	Calcite	Moderate	Veins	Pyrite	3	Fracture Filling							Non magnetic mafic volcanic that resembles a gabbro. 2 2cm quartz veins running through. Moderate sulfides occuring within host and vein. 042 vein, 043 host.
SL-JS-012b	1101743	485056	5415936	420	Chlorite	Strong	Pervassive	Calcite	Moderate	Veins	Pyrite	3	Fracture Filling							Non magnetic mafic volcanic that resembles a gabbro. 2 2cm quartz veins running through. Moderate sulfides occuring within host and vein. 042 vein, 043 host.
SL-JS-013a	1101744	485180	5415984	419	Chlorite	Moderate	Pervassive	Calcite	Moderate	Veins	Pyrite	3	Disseminate	Magnetite	1	Disseminated				Moderately magnetic ultramafic composed of cg-pegmatitic hornblende. Disseminated sulfides throughout. 044 has a qtz carb vein within. Silicified in the host. 045 host.
SL-JS-013b	1101745	485180	5415984	419	Chlorite	Moderate	Pervassive	Calcite	Moderate	Veins	Pyrite	3	Disseminate	Magnetite	1	Disseminated				Moderately magnetic ultramafic composed of cg-pegmatitic hornblende. Disseminated sulfides throughout. 044 has a qtz carb vein within. Silicified in the host. 045 host.
SL-JS-014	1101746	485221	5415983	421	Calcite	Moderate	Pervassive	Chlorite	Weak	Pervassive	Pyrrhotite	3	Whispy							Float of fg mv with blebs of silvery po, magnetic on the sulfides.
SL-JS-015	1101747	484931	5415881	424	Calcite	Weak	Patchy	Chlorite	Moderate	Pervassive	Pyrrhotite	3	Disseminated							Fg-mg gabbrp with patchy mag. Silvery sulfides seen along some faces but not all. Related to carb alteration. Sampled.
SL-JS-016a	1101748	484886	5415819	427	Silica	Strong	Pervassive	Calcite	Weak	Veins	Pyrite	5	Whispy							Strongly silicified volcanic. Tuffaceous. Close to mafic volcanic to the east. Sheared. Patchy oxidation on surface. Quartz eyes speckled throughout. Light grey to beige. Strongly mineralized. Not mag
SL-JS-016b	1101749	484886	5415819	427	Silica	Strong	Pervassive	Calcite	Weak	Veins	Pyrite	5	Whispy							Strongly silicified volcanic. Tuffaceous. Close to mafic volcanic to the east. Sheared. Patchy oxidation on surface. Quartz eyes speckled throughout. Light grey to beige. Strongly mineralized. Not mag
SL-JS-016c	1101750	484886	5415819	427	Silica	Strong	Pervassive	Calcite	Weak	Veins	Pyrite	5	Whispy							Strongly silicified volcanic. Tuffaceous. Close to mafic volcanic to the east. Sheared. Patchy oxidation on surface. Quartz eyes speckled throughout. Light grey to beige. Strongly mineralized. Not mag
SL-JRF-001	1101763	485075	5415344	422	Chlorite	Weak	Pervassive													Contact between an intermediate and mafic porphyry. Possible shear. Very fine graines matrix with qtz-carb phenocrysts. Light and dark green. Sample contaims vein material. Found on side of swamp.
SL-JRF-002	1101764	484964	5415290	421	Silica	Moderate	Pervassive				Pyrite	3	Disseminated							Medgrained with quartz phenocrysts as well as bull white qtz veins. Foliated possible shear. Euhedral disseminated pyrite edge of swamp.
SL-JRF-003	1101765	485023	5415089	439							Pyrite	1	Disseminated	Chalcopyrite	1	Whispy	Pyrrhotite	2	Disseminated	FG massive mafix volcanic. No prominent alteration. Vfg-fg mineralization. Found within woodland on small hill. No prominent outcrop apart from this section.
SL-JRF-004	1101766	485057	5415111	440	Silica	Weak	Pervassive				Pyrite	4	Whispy							Massive vfg mafic volcanic with weak silica alteration. Patchy pyrite and highly oxidized fracture surfaces. Found on ledge within a hill
SL-JRF-005	1101767	485112	5415120	436	Biotite	Moderate	Patchy				Pyrite	1	Disseminated							Weakly metamorphosed fg-mg mafic volcanic with amphibole porphyroblasts. Patchy disseminated pyrite. Found on ledge parallel to hill side
SL-JRF-006	1101768	485473	5415304	433							Pyrite	1	Disseminated							Foliated and silicified int. Volcanic. Chloritized shear planes with a fine to med grain matrix. Hars to distinguish due to intense silicification. Found on hill side SE of W15.
SL-JRF-007	1101769	485286	5415304	435							Pyrite	1	Disseminated							Aphanitic or vfg mafic volcanic with vfg disseminated pyrite. Very dark grey in colour with moderate oxidation on weathered surfacea
SL-JRF-008	1101770	485173	5415334	431	Chlorite	Weak	Pervassive				Pyrrhotite	2	Disseminated		0			0		Med grained with red pink minerals and chlorite within. Possible foliation. Found on ridge near stream
SL-JRF-009	1101771	485111	5415263	430	Chlorite	Moderate	Fracture Controlled				Pyrite	2	Disseminated							Dighly sheared intermediate volcanic with laths of chlorite running parallel to shear strike. Scattered qtz veins and multiple displaced veins
SL-JRF-010	1101772	484922	5415342	438	Silica	Strong	Pervassive				Pyrite	2	Disseminated							Porphyritic int volcanic with coarse quartz phenocrysts. Oxidized weathered surfaces and fractures. Foumd north of pond by W15. Possible carb alt.
SL-JFR-011	1101773	485064	5415420	431	Chlorite	Weak	Fracture Contr	Silica	Strong	Pervassive	Pyrite	2	Disseminated							porphyrytic with vitreous quartz phenocrysts. Chlorite along foliation planes. Found on edge of swamp.

Appendix E: Assay Certificates

Quality Analysis ... **Actlabs** *Innovative Technologies*

Report No.:	**A22-16328**
Report Date:	**23-Dec-22**
Date Submitted:	**03-Nov-22**
Your Reference:	**SYENITE, BEAVERTRAP, CARIB**

Bayside Geoscience
124 Sherwood Dr.
Thunder Bay ON P7B 6L1
Canada

ATTN: Steve Flank

CERTIFICATE OF ANALYSIS

94 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
UT-1M	QOP Ultratrace-1 (Aqua Regia ICPMS)	2022-12-21 16:10:45

REPORT **A22-16328**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

The Au from AR-MS is for information purposes, for accurate Au fire assay 1A2 should be requested.

SCC Accredited LAB / LAB Accrédité CCN TM

LabID: 266

CERTIFIED BY:

Elitsa Hrischeva, Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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Report No.:	**A22-16328**
Report Date:	**23-Dec-22**
Date Submitted:	**03-Nov-22**
Your Reference:	**SYENITE, BEAVERTRAP, CARIB**

Bayside Geoscience
124 Sherwood Dr.
Thunder Bay ON P7B 6L1
Canada

ATTN: Steve Flank

CERTIFICATE OF ANALYSIS

94 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Tbay	QOP AA-Au (Au - Fire Assay AA)	2022-12-15 12:45:51

REPORT **A22-16328**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

The Au from AR-MS is for information purposes, for accurate Au fire assay 1A2 should be requested.

SCC Accredited LAB
LAB Accrédité CCN TM

LabID: 673

CERTIFIED BY:

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Analyte Symbol	Au	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
Unit Symbol	ppb	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.1	0.01	0.5	0.5	20	1	0.1	0.01	0.1	0.1	1	0.2	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1
Method Code	FA-AA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
1101801	9	0.3	2.29	3.3	4.5	< 20	37	2.9	3.44	0.1	22.5	8	198	6.38	8	0.03	0.10	5	1.25	1520	0.6	0.188	20.8
1101802	12	< 0.1	0.26	0.7	11.9	< 20	8	0.7	0.41	< 0.1	1.4	9	5.1	0.66	1	0.04	0.04	4	0.04	123	0.8	0.055	2.9
1101803	9	0.2	1.88	1.8	4.9	< 20	206	0.5	0.88	< 0.1	11.6	43	74.5	5.76	9	0.03	0.53	7	0.97	807	0.7	0.133	22.1
1101804	161	0.5	2.59	0.9	159	< 20	51	11.1	3.23	0.2	18.0	28	293	10.9	10	0.05	0.27	7	1.01	2650	1.0	0.232	27.2
1101805	129	0.6	2.37	8.0	97.9	< 20	24	8.5	3.04	0.2	23.9	25	323	11.9	10	0.05	0.27	8	0.75	2710	1.0	0.197	31.6
1101806	96	0.5	2.11	0.6	70.2	< 20	53	7.7	2.55	0.1	3.4	22	59.2	10.1	9	0.04	0.28	5	0.62	2250	1.1	0.196	3.9
1101807	60	0.4	0.33	2.7	35.9	< 20	12	0.4	0.40	< 0.1	19.3	82	30.9	3.39	2	0.04	0.02	20	0.28	203	1.5	0.106	67.5
1101808	42	0.1	0.11	1.0	18.2	< 20	7	0.2	0.35	< 0.1	9.9	30	16.7	1.67	< 1	0.03	0.01	14	0.12	121	0.7	0.025	30.1
1101809	95	0.4	0.30	1.5	58.3	< 20	22	0.4	0.66	0.1	20.1	57	31.9	3.01	2	0.04	0.04	21	0.20	181	1.3	0.121	65.0
1101810	10	0.2	4.23	1.2	2.4	< 20	14	0.1	3.72	0.1	27.8	15	278	11.5	19	0.03	0.06	5	2.67	2130	0.7	0.473	23.6
1101811	9	0.2	2.94	1.1	1.1	< 20	44	0.6	4.04	0.2	21.4	12	232	9.26	12	0.03	0.17	5	1.81	1430	1.2	0.351	15.1
1101812	< 5	< 0.1	1.49	2.4	2.0	< 20	18	1.2	0.12	< 0.1	116	2820	6.0	6.39	4	0.04	< 0.01	< 1	> 10.0	723	0.3	0.009	1660
1101813	8	1.0	3.60	1.5	10.4	< 20	27	0.4	4.31	0.5	50.8	24	816	12.2	13	0.05	0.13	4	1.65	2350	1.0	0.317	43.4
1101814	< 5	0.8	2.80	1.5	4.6	< 20	19	0.4	3.64	0.3	41.6	11	632	10.6	11	0.04	0.09	4	1.31	2710	0.8	0.256	29.8
1101815	< 5	< 0.1	3.31	2.1	3.4	20	31	< 0.1	4.99	0.1	30.2	46	311	6.46	12	0.05	0.15	4	1.86	1180	0.6	0.324	43.2
1101816	< 5	0.4	1.64	1.5	5.9	< 20	45	0.5	2.09	< 0.1	4.5	7	269	9.68	8	0.02	0.20	3	0.58	1250	0.7	0.143	3.4
1101817	11	0.8	2.33	1.7	222	< 20	52	0.6	3.22	< 0.1	5.9	9	415	10.5	10	0.03	0.25	3	0.60	2990	0.9	0.205	3.2
1101818	< 5	< 0.1	1.86	1.0	3.1	< 20	34	< 0.1	2.80	< 0.1	6.8	17	8.1	1.21	5	0.03	0.21	1	0.40	327	0.5	0.069	6.7
1101819	< 5	0.1	2.66	1.6	3.2	< 20	70	0.2	3.28	< 0.1	21.2	55	237	6.72	9	0.02	0.22	4	1.55	1540	0.8	0.287	24.4
1101820	< 5	< 0.1	2.10	1.7	1.0	< 20	23	< 0.1	2.14	< 0.1	16.9	122	46.8	5.82	8	0.07	0.12	1	1.40	1010	20.4	0.273	23.2
1101821	5	0.5	2.45	0.8	5.6	< 20	17	0.2	3.53	< 0.1	4.4	35	301	5.43	11	0.04	0.07	5	0.53	549	1.7	0.081	4.5
1101721	< 5	0.5	0.13	0.7	< 0.5	< 20	20	< 0.1	0.07	< 0.1	0.6	5	4.9	1.47	4	0.03	0.03	21	0.03	89	0.5	0.041	0.8
1101722	< 5	< 0.1	0.56	< 0.5	< 0.5	< 20	57	0.1	0.07	< 0.1	0.7	9	2.4	1.04	3	0.03	0.28	21	0.07	117	0.7	0.113	1.6
1101723	< 5	< 0.1	0.26	0.7	< 0.5	< 20	11	< 0.1	0.10	< 0.1	0.7	9	1.9	1.07	2	0.03	0.04	15	0.07	106	0.8	0.049	1.7
1101724	< 5	< 0.1	0.81	< 0.5	1.3	< 20	10	< 0.1	0.55	< 0.1	2.1	9	5.0	1.36	7	0.06	0.07	14	0.33	128	0.9	0.031	2.3
1101725	< 5	< 0.1	0.65	0.6	< 0.5	< 20	18	< 0.1	0.09	< 0.1	1.3	8	5.6	1.50	5	0.05	0.11	6	0.25	208	1.0	0.105	2.4
1101726	< 5	0.2	0.37	< 0.5	< 0.5	< 20	6	< 0.1	0.95	< 0.1	0.7	7	3.7	1.95	4	0.04	0.04	34	0.12	155	1.0	0.110	1.1
1101727	< 5	0.1	0.68	1.4	< 0.5	< 20	113	0.3	0.04	< 0.1	1.3	8	54.7	3.29	7	0.04	0.31	8	0.33	164	4.4	0.079	1.8
1101728	< 5	< 0.1	1.17	< 0.5	< 0.5	< 20	65	< 0.1	0.22	0.2	3.7	7	1.9	2.12	5	0.04	0.40	20	0.62	271	0.8	0.086	1.7
1101729	< 5	0.1	3.21	0.6	1.1	< 20	66	< 0.1	3.23	0.3	24.8	46	39.2	5.29	11	0.03	0.26	11	1.75	629	1.1	0.408	64.5
1101730	< 5	0.2	3.34	1.5	< 0.5	< 20	55	< 0.1	3.17	< 0.1	36.6	56	29.3	8.76	15	0.02	0.23	11	1.75	901	0.6	0.208	94.2
1101731	< 5	0.2	3.05	0.9	0.7	< 20	94	< 0.1	3.23	< 0.1	40.0	64	28.8	8.84	12	0.03	0.38	9	1.57	1390	2.0	0.429	88.8
1101732	< 5	< 0.1	1.60	0.8	< 0.5	< 20	51	< 0.1	0.81	0.2	2.4	8	1.2	1.71	5	0.05	0.26	13	0.70	545	0.9	0.168	1.6
1101733	< 5	< 0.1	3.84	1.3	0.8	< 20	24	< 0.1	1.86	< 0.1	46.0	70	20.3	9.69	16	0.05	0.04	22	2.97	1690	2.0	0.083	132
1101734	62	1.5	3.42	10.8	64.6	< 20	12	6.7	2.83	0.2	23.2	29	343	15.7	9	0.04	0.05	7	1.02	2770	2.8	0.097	60.8
1101735	22	0.7	2.90	8.3	22.6	< 20	12	3.2	2.86	0.1	29.8	27	138	13.3	8	0.03	0.04	7	0.86	2500	2.3	0.079	44.6
1101736	< 5	< 0.1	0.98	0.6	0.6	< 20	42	0.2	1.71	0.1	8.4	34	7.0	2.59	4	0.03	0.13	4	0.83	698	0.8	0.050	26.6
1101737	< 5	< 0.1	2.32	0.9	< 0.5	< 20	33	< 0.1	3.87	< 0.1	33.1	70	59.2	6.87	9	0.03	0.08	7	1.21	900	0.7	0.284	88.8
1101738	< 5	1.8	3.62	< 0.5	2.3	< 20	170	3.0	3.24	0.7	25.9	91	1050	7.09	14	0.05	0.53	10	1.17	1050	1.0	0.389	67.5
1101739	< 5	0.8	3.50	< 0.5	1.1	< 20	144	2.4	3.56	0.3	22.5	86	476	6.72	13	0.04	0.55	10	1.19	1040	2.4	0.422	62.9
1101740	8	1.8	3.60	0.7	7.3	< 20	124	21.5	3.16	0.7	22.4	90	1120	7.97	15	0.11	0.40	9	1.32	1150	1.0	0.374	58.5
1101741	< 5	< 0.1	2.91	2.6	< 0.5	< 20	19	0.7	2.09	< 0.1	34.1	214	57.0	6.58	9	0.06	0.13	4	3.00	803	0.5	0.133	196
1101742	< 5	< 0.1	4.69	1.9	2.0	< 20	13	0.7	2.53	< 0.1	32.6	109	36.1	9.56	17	0.05	0.05	7	4.05	757	1.4	0.130	80.7
1101743	< 5	0.3	3.60	1.8	< 0.5	< 20	15	0.9	3.31	0.1	37.3	90	220	6.99	12	0.04	0.13	7	2.11	735	0.8	0.427	74.7
1101744	< 5	< 0.1	3.13	1.5	3.7	< 20	17	0.4	2.99	0.2	25.0	145	39.3	7.40	13	0.03	0.09	8	2.14	726	0.7	0.196	35.4
1101745	< 5	0.1	3.00	1.0	1.5	< 20	33	0.6	3.02	< 0.1	22.6	123	69.6	6.45	11	0.02	0.14	7	1.55	702	0.6	0.375	27.8
1101746	< 5	0.2	3.59	0.7	< 0.5	< 20	74	1.2	4.08	0.1	25.8	90	192	7.54	12	0.03	0.29	7	1.95	1180	1.2	0.496	79.1
1101747	< 5	0.1	3.90	< 0.5	0.5	< 20	14	0.8	3.49	< 0.1	26.4	95	124	5.49	11	0.06	0.08	6	1.79	615	0.6	0.517	71.8
1101748	< 5	0.4	0.96	6.0	< 0.5	< 20	44	3.2	0.15	< 0.1	3.9	7	262	3.43	9	0.07	0.13	19	0.29	155	1.7	0.111	1.4
1101749	< 5	0.4	1.42	5.8	< 0.5	< 20	75	3.6	0.15	< 0.1	4.1	47	266	3.81	11	0.06	0.25	19	0.23	179	13.0	0.357	5.7
1101750	< 5	0.6	1.13	11.1	< 0.5	< 20	33	3.3	0.08	< 0.1	4.7	5	375	4.96	12	0.04	0.10	26	0.38	162	1.4	0.098	0.8

Analyte Symbol	Au	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
Unit Symbol	ppb	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.1	0.01	0.5	0.5	20	1	0.1	0.01	0.1	0.1	1	0.2	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1
Method Code	FA-AA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
1101751	< 5	0.1	0.89	1.0	< 0.5	< 20	14	0.1	0.62	< 0.1	2.2	6	88.8	2.62	8	0.03	0.07	14	0.36	233	1.4	0.188	1.1
1101752	< 5	0.2	0.30	0.8	< 0.5	< 20	36	< 0.1	0.10	< 0.1	1.1	8	3.5	1.61	3	0.04	0.08	30	0.05	138	1.0	0.096	1.6
1101753	< 5	0.1	0.33	1.2	< 0.5	< 20	33	< 0.1	0.19	< 0.1	1.4	8	7.0	1.82	3	0.04	0.06	60	0.07	166	0.9	0.110	1.6
1101754	< 5	< 0.1	0.42	0.8	< 0.5	< 20	25	< 0.1	0.12	< 0.1	0.4	8	1.6	1.02	3	0.07	0.16	< 1	0.07	120	0.8	0.101	1.3
1101755	< 5	< 0.1	1.14	1.0	< 0.5	< 20	87	< 0.1	0.30	< 0.1	8.1	17	43.2	2.93	6	0.05	0.51	10	0.66	443	0.8	0.117	13.7
1101756	< 5	< 0.1	1.41	0.5	0.6	< 20	185	< 0.1	0.54	< 0.1	9.6	21	8.7	4.89	9	0.05	0.66	20	0.89	453	1.3	0.200	7.7
1101757	< 5	< 0.1	0.56	< 0.5	< 0.5	< 20	15	< 0.1	0.50	< 0.1	2.6	12	2.3	1.22	4	0.04	0.07	5	0.17	177	0.8	0.083	4.3
1101758	< 5	< 0.1	0.35	0.5	< 0.5	< 20	13	< 0.1	0.13	< 0.1	0.6	7	1.3	1.18	3	0.05	0.09	5	0.07	155	1.0	0.103	1.2
1101759	< 5	< 0.1	0.75	< 0.5	1.4	< 20	68	< 0.1	0.08	< 0.1	2.5	14	40.7	1.55	5	0.04	0.16	61	0.34	204	2.0	0.108	4.6
1101760	< 5	< 0.1	1.73	0.7	2.1	< 20	14	0.1	1.99	< 0.1	21.6	68	114	3.29	6	0.04	0.16	10	1.62	443	1.2	0.212	31.1
1101761	< 5	0.1	3.11	1.3	1.1	< 20	37	0.6	3.69	0.1	34.8	11	247	8.73	15	0.04	0.22	9	2.03	1050	0.4	0.250	44.2
1101762	< 5	< 0.1	2.00	1.1	< 0.5	< 20	17	0.4	2.45	< 0.1	23.0	91	100	5.91	10	0.05	0.13	5	1.59	807	0.4	0.172	55.4
1101763	< 5	< 0.1	1.57	0.8	< 0.5	< 20	19	< 0.1	1.51	< 0.1	18.0	40	12.2	4.27	7	0.03	0.05	7	1.10	715	0.6	0.117	41.8
1101764	< 5	0.5	0.89	1.0	0.5	< 20	99	0.3	0.22	0.2	3.1	33	125	2.13	4	0.03	0.16	16	0.54	274	1.4	0.074	17.9
1101765	< 5	0.2	1.97	< 0.5	< 0.5	< 20	18	1.1	2.45	< 0.1	23.3	48	196	5.28	8	0.07	0.10	8	1.22	771	0.7	0.308	67.0
1101766	< 5	< 0.1	3.54	1.5	0.8	< 20	19	< 0.1	2.46	< 0.1	52.1	70	78.1	8.19	14	0.06	0.07	7	1.81	1400	0.5	0.181	112
1101767	< 5	0.1	3.53	1.0	1.7	< 20	44	< 0.1	1.80	< 0.1	37.9	90	79.4	7.22	13	0.04	0.27	9	1.71	657	0.8	0.175	105
1101768	< 5	< 0.1	1.21	1.6	< 0.5	< 20	19	< 0.1	0.22	< 0.1	5.0	9	5.6	2.59	7	0.05	0.08	11	0.84	593	0.8	0.082	5.3
1101769	< 5	0.2	7.02	0.7	< 0.5	< 20	249	< 0.1	3.33	< 0.1	35.2	131	64.8	5.66	18	0.05	1.62	10	1.57	626	0.7	0.822	95.1
1101770	< 5	0.1	1.30	< 0.5	< 0.5	< 20	102	0.2	2.51	< 0.1	18.7	139	44.6	3.17	8	0.04	0.06	152	1.64	522	0.4	0.113	35.3
1101771	< 5	< 0.1	1.23	0.8	0.6	< 20	38	0.2	4.58	0.5	1.9	6	7.7	1.99	4	0.06	0.14	13	1.13	1740	1.9	0.078	2.8
1101772	< 5	0.1	0.68	1.3	< 0.5	< 20	37	0.6	0.15	< 0.1	4.1	7	15.5	1.91	4	0.06	0.13	12	0.22	282	1.2	0.068	2.2
1101773	< 5	0.3	1.00	1.7	< 0.5	< 20	67	0.1	0.31	0.3	7.9	8	19.1	2.50	6	0.04	0.24	21	0.38	338	0.8	0.089	4.7
1101774	< 5	< 0.1	2.10	9.0	2.1	< 20	84	0.2	1.06	0.1	11.7	94	24.1	3.71	10	0.05	0.25	10	1.25	536	1.3	0.052	43.5
1101775	< 5	< 0.1	2.17	0.9	< 0.5	< 20	86	0.2	0.22	< 0.1	8.5	75	5.5	3.72	14	0.04	0.30	37	1.64	254	9.6	0.376	28.5
1101776	< 5	< 0.1	2.46	3.6	< 0.5	< 20	247	0.1	0.49	< 0.1	15.2	208	37.9	4.35	9	0.04	0.91	19	1.88	701	1.2	0.107	54.7
1101777	10	0.2	2.49	1.5	5.1	< 20	254	0.3	1.18	< 0.1	10.1	148	63.5	4.60	8	0.04	0.78	11	1.21	575	12.4	0.441	26.9
1101778	< 5	0.3	0.89	43.6	1.6	< 20	6	0.3	0.07	1.2	17.0	14	43.2	8.31	4	0.04	0.12	5	0.55	1100	3.2	0.036	25.2
1101779	< 5	0.2	1.06	23.1	2.6	< 20	6	0.3	0.11	1.6	8.7	56	70.1	9.20	4	0.06	0.12	3	0.54	879	10.6	0.055	30.1
1101780	< 5	0.2	2.32	< 0.5	1.2	< 20	11	0.5	2.43	0.2	11.7	9	117	7.51	7	0.06	0.07	3	1.17	1880	1.0	0.205	10.5
1101781	< 5	< 0.1	0.19	2.4	< 0.5	< 20	12	< 0.1	0.02	< 0.1	0.9	19	6.1	1.58	2	0.04	0.04	2	0.06	114	2.9	0.047	2.1
1101782	< 5	0.2	0.30	1.7	< 0.5	< 20	38	1.0	0.02	< 0.1	0.6	7	9.6	1.52	1	0.05	0.17	2	< 0.01	49	1.5	0.072	1.2
1101783	< 5	0.1	0.05	14.7	15.0	< 20	8	0.2	0.07	< 0.1	0.4	8	5.7	1.59	< 1	0.05	0.03	< 1	0.07	387	2.0	0.015	1.3
1101784	< 5	0.1	0.23	1.5	< 0.5	< 20	10	0.9	0.02	0.1	2.4	10	15.1	1.80	3	0.04	0.12	2	0.07	249	1.9	0.038	3.3
1101785	< 5	0.1	1.25	1.0	2.7	< 20	42	0.2	0.62	< 0.1	15.2	52	98.8	3.43	7	0.06	0.11	4	1.09	211	0.5	0.105	50.6
1101786	< 5	0.1	2.24	< 0.5	1.2	< 20	232	0.1	1.19	< 0.1	21.5	28	72.3	5.47	9	0.06	1.50	23	2.05	543	0.8	0.168	25.2
1101787	< 5	< 0.1	1.91	1.0	1.5	< 20	27	< 0.1	2.26	< 0.1	16.2	77	14.7	4.03	7	0.04	0.12	14	1.71	503	0.8	0.221	29.5
1101788	< 5	< 0.1	2.34	1.2	0.8	< 20	134	1.2	3.94	< 0.1	15.9	32	31.9	3.88	7	5.43	0.16	6	1.28	549	35.0	0.142	34.3
1101789	< 5	< 0.1	0.71	0.9	< 0.5	< 20	18	< 0.1	0.46	< 0.1	3.9	11	4.0	1.78	3	0.06	0.08	6	0.40	343	1.0	0.050	6.1
1101790	< 5	< 0.1	0.39	< 0.5	< 0.5	< 20	10	0.8	0.02	< 0.1	2.3	17	2.1	1.15	1	0.05	0.07	< 1	0.24	112	1.1	0.011	7.2
1101791	< 5	< 0.1	2.50	1.0	< 0.5	< 20	23	0.2	1.00	< 0.1	31.0	81	48.5	6.60	11	0.05	0.14	11	1.22	1020	1.0	0.062	72.5
1101792	< 5	0.2	3.10	1.6	2.7	< 20	23	0.6	2.71	0.6	17.9	45	28.1	10.3	11	0.08	0.14	6	1.37	2440	0.5	0.214	42.7
1101793	19	0.5	0.84	19.1	21.4	< 20	27	0.3	0.29	< 0.1	3.8	6	12.4	6.27	6	0.06	0.23	8	0.23	138	1.0	0.059	1.8

Analyte Symbol	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
1101801	0.043	6.4	< 1	0.1	10.3	1.2	51	< 0.2	0.5	0.202	< 0.1	103	0.4	50
1101802	0.051	0.9	< 1	< 0.1	0.7	< 0.5	15	< 0.2	0.5	0.078	< 0.1	9	0.2	6
1101803	0.080	2.3	< 1	< 0.1	9.3	0.6	29	< 0.2	1.9	0.323	0.3	121	0.3	55
1101804	0.055	2.5	2	< 0.1	6.6	1.5	17	0.6	1.4	0.193	0.2	65	0.3	74
1101805	0.064	4.2	3	< 0.1	6.1	1.8	23	0.4	1.2	0.165	0.6	61	0.4	70
1101806	0.054	1.8	< 1	< 0.1	5.3	2.0	22	0.4	1.0	0.179	0.1	52	0.3	57
1101807	0.036	5.0	2	< 0.1	2.5	1.3	15	< 0.2	5.0	0.188	< 0.1	30	0.5	23
1101808	0.029	2.9	< 1	< 0.1	1.3	0.6	7	< 0.2	3.2	0.124	< 0.1	15	0.5	15
1101809	0.035	4.5	2	0.1	2.6	0.7	23	< 0.2	6.2	0.248	< 0.1	40	1.0	17
1101810	0.054	0.8	< 1	< 0.1	25.9	2.1	7	< 0.2	0.7	0.189	< 0.1	200	< 0.1	77
1101811	0.049	1.2	< 1	< 0.1	21.6	1.8	19	< 0.2	0.6	0.240	< 0.1	180	0.4	78
1101812	0.006	0.7	< 1	< 0.1	9.0	0.5	1	< 0.2	< 0.1	0.032	0.1	34	0.6	42
1101813	0.045	3.2	1	0.2	19.2	3.3	18	0.3	0.6	0.244	< 0.1	155	0.6	495
1101814	0.041	2.3	< 1	0.1	15.7	3.1	17	0.3	0.6	0.242	< 0.1	134	0.6	387
1101815	0.045	0.7	< 1	< 0.1	19.4	0.9	21	< 0.2	0.4	0.228	< 0.1	153	0.2	71
1101816	0.037	0.9	< 1	< 0.1	10.6	3.0	20	0.3	0.5	0.226	< 0.1	101	0.3	72
1101817	0.032	0.8	< 1	< 0.1	14.1	3.6	24	0.4	0.5	0.284	< 0.1	130	0.6	95
1101818	0.052	2.0	< 1	< 0.1	3.9	< 0.5	14	< 0.2	0.1	0.061	< 0.1	29	0.3	26
1101819	0.037	1.6	< 1	< 0.1	16.5	1.0	40	< 0.2	0.4	0.247	< 0.1	140	0.2	53
1101820	0.019	1.1	< 1	0.1	10.7	< 0.5	15	< 0.2	0.2	0.151	< 0.1	73	0.9	46
1101821	0.046	3.1	< 1	0.1	5.0	2.9	112	< 0.2	0.4	0.177	0.1	65	0.5	44
1101721	0.001	2.5	< 1	< 0.1	0.9	< 0.5	3	< 0.2	8.2	0.030	< 0.1	5	0.1	11
1101722	0.014	2.4	< 1	< 0.1	0.6	< 0.5	9	< 0.2	18.3	0.003	0.1	5	< 0.1	13
1101723	0.002	0.8	< 1	< 0.1	0.9	< 0.5	8	< 0.2	2.9	0.013	< 0.1	4	< 0.1	9
1101724	0.011	1.1	< 1	< 0.1	0.7	< 0.5	42	< 0.2	1.1	0.012	< 0.1	19	< 0.1	12
1101725	0.004	4.3	< 1	< 0.1	1.1	< 0.5	6	< 0.2	17.5	0.047	< 0.1	6	0.1	32
1101726	0.071	2.1	< 1	< 0.1	2.7	< 0.5	7	< 0.2	4.5	0.283	< 0.1	14	< 0.1	10
1101727	0.004	3.9	< 1	< 0.1	1.0	< 0.5	14	< 0.2	4.0	0.038	< 0.1	8	0.3	44
1101728	0.030	1.9	< 1	< 0.1	2.3	< 0.5	6	< 0.2	4.6	0.054	< 0.1	11	< 0.1	52
1101729	0.161	2.9	< 1	< 0.1	11.3	< 0.5	59	< 0.2	0.8	0.181	< 0.1	128	0.1	79
1101730	0.150	1.3	< 1	< 0.1	15.8	< 0.5	21	< 0.2	0.8	0.260	< 0.1	195	< 0.1	115
1101731	0.132	1.9	< 1	< 0.1	16.1	0.5	15	< 0.2	0.7	0.204	< 0.1	170	0.2	79
1101732	0.017	2.9	< 1	< 0.1	1.8	< 0.5	21	< 0.2	2.8	0.053	< 0.1	6	0.2	35
1101733	0.163	2.1	< 1	< 0.1	13.3	< 0.5	96	< 0.2	3.3	0.372	< 0.1	166	0.4	102
1101734	0.088	15.6	3	0.1	6.7	2.7	30	0.4	0.7	0.205	0.1	84	0.6	52
1101735	0.086	9.3	3	< 0.1	5.6	2.0	28	< 0.2	0.8	0.172	< 0.1	77	0.5	45
1101736	0.057	5.0	< 1	< 0.1	4.8	< 0.5	33	< 0.2	0.2	0.170	< 0.1	64	0.2	35
1101737	0.149	1.1	< 1	< 0.1	13.1	< 0.5	18	< 0.2	0.4	0.215	< 0.1	163	0.1	85
1101738	0.175	1.4	< 1	< 0.1	21.9	0.7	37	< 0.2	1.4	0.419	0.7	171	5.4	148
1101739	0.183	1.1	< 1	< 0.1	20.2	0.5	37	< 0.2	1.4	0.368	0.6	158	4.3	130
1101740	0.187	1.5	< 1	< 0.1	21.1	1.2	41	0.3	1.4	0.548	0.5	174	19.8	150
1101741	0.128	3.0	< 1	< 0.1	7.3	< 0.5	17	< 0.2	0.2	0.244	0.2	91	3.6	109
1101742	0.152	1.9	< 1	< 0.1	11.6	< 0.5	10	< 0.2	0.3	0.279	< 0.1	166	3.5	122
1101743	0.177	1.7	< 1	< 0.1	13.7	0.7	51	< 0.2	0.3	0.181	0.1	160	0.7	90
1101744	0.178	1.0	< 1	< 0.1	15.9	< 0.5	20	< 0.2	0.3	0.191	< 0.1	186	0.7	143
1101745	0.182	1.2	< 1	< 0.1	15.1	< 0.5	29	< 0.2	0.3	0.170	0.1	179	0.7	115
1101746	0.162	1.2	< 1	< 0.1	16.1	0.8	70	< 0.2	0.3	0.304	0.3	177	0.8	120
1101747	0.159	1.7	< 1	< 0.1	10.1	< 0.5	104	< 0.2	0.2	0.141	< 0.1	124	1.2	72
1101748	0.007	2.7	< 1	< 0.1	1.8	1.3	6	< 0.2	5.4	0.027	< 0.1	3	7.5	23
1101749	0.008	3.6	< 1	< 0.1	2.3	1.4	15	< 0.2	5.6	0.029	0.1	4	7.2	23
1101750	0.008	3.3	1	< 0.1	1.7	2.1	6	< 0.2	6.3	0.024	< 0.1	< 2	14.9	26

Analyte Symbol	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
1101751	0.066	3.5	< 1	< 0.1	10.2	0.9	12	< 0.2	2.0	0.131	< 0.1	< 2	0.1	33
1101752	0.004	2.4	< 1	< 0.1	0.8	< 0.5	9	< 0.2	7.0	0.035	< 0.1	6	0.1	12
1101753	0.005	2.7	< 1	< 0.1	1.8	< 0.5	13	< 0.2	9.0	0.060	< 0.1	7	< 0.1	15
1101754	< 0.001	8.7	< 1	< 0.1	1.4	< 0.5	9	< 0.2	15.8	0.029	< 0.1	4	0.1	15
1101755	0.044	4.1	< 1	< 0.1	5.6	< 0.5	8	< 0.2	8.5	0.173	0.4	43	0.1	55
1101756	0.070	1.7	< 1	< 0.1	9.1	< 0.5	13	< 0.2	3.8	0.233	< 0.1	37	< 0.1	48
1101757	0.003	9.5	< 1	< 0.1	2.6	< 0.5	16	< 0.2	11.8	0.033	< 0.1	14	0.2	13
1101758	0.003	12.5	< 1	< 0.1	0.5	< 0.5	10	< 0.2	15.3	0.015	< 0.1	6	< 0.1	13
1101759	0.021	6.2	< 1	< 0.1	0.7	< 0.5	20	< 0.2	33.6	0.015	< 0.1	9	0.1	42
1101760	0.074	1.2	< 1	< 0.1	10.2	0.9	19	< 0.2	1.1	0.124	< 0.1	84	< 0.1	50
1101761	0.407	1.2	< 1	< 0.1	22.1	0.7	66	0.2	0.5	0.137	< 0.1	199	0.2	79
1101762	0.150	0.9	< 1	< 0.1	13.8	< 0.5	31	0.3	0.4	0.144	< 0.1	136	0.1	59
1101763	0.092	1.2	< 1	< 0.1	9.7	< 0.5	9	< 0.2	0.9	0.175	< 0.1	113	< 0.1	58
1101764	0.026	3.8	< 1	< 0.1	1.9	< 0.5	7	< 0.2	5.0	0.059	< 0.1	15	0.1	43
1101765	0.105	1.0	< 1	< 0.1	12.3	0.5	13	< 0.2	1.4	0.153	< 0.1	175	1.3	79
1101766	0.136	1.1	< 1	< 0.1	16.7	1.1	15	< 0.2	0.6	0.374	< 0.1	230	0.2	97
1101767	0.110	1.3	< 1	< 0.1	14.3	0.6	25	< 0.2	1.0	0.207	< 0.1	170	0.2	107
1101768	0.016	3.5	< 1	< 0.1	3.3	< 0.5	8	< 0.2	2.9	0.105	< 0.1	19	0.1	30
1101769	0.143	2.9	< 1	< 0.1	20.1	< 0.5	74	< 0.2	1.0	0.295	0.4	243	0.2	130
1101770	0.158	13.3	< 1	0.1	4.0	< 0.5	289	< 0.2	18.4	0.095	< 0.1	67	< 0.1	60
1101771	0.016	4.1	< 1	< 0.1	1.3	< 0.5	42	< 0.2	3.2	0.047	< 0.1	10	0.2	57
1101772	0.021	4.3	< 1	< 0.1	1.6	< 0.5	7	< 0.2	6.2	0.065	< 0.1	11	0.2	29
1101773	0.035	16.4	< 1	< 0.1	2.7	< 0.5	6	< 0.2	5.5	0.104	< 0.1	19	< 0.1	92
1101774	0.075	6.6	< 1	< 0.1	10.2	< 0.5	35	< 0.2	4.1	0.155	< 0.1	90	32.7	47
1101775	0.093	2.3	< 1	< 0.1	2.5	< 0.5	26	< 0.2	7.5	0.010	< 0.1	48	0.1	15
1101776	0.075	7.4	< 1	< 0.1	11.3	< 0.5	33	< 0.2	7.2	0.264	0.3	94	0.3	66
1101777	0.060	7.3	< 1	0.2	8.7	0.7	130	< 0.2	4.6	0.212	0.2	69	1.1	45
1101778	0.014	6.0	5	0.2	3.1	2.4	5	0.2	0.9	0.030	0.4	24	0.3	321
1101779	0.013	12.5	5	0.7	2.9	1.7	5	< 0.2	0.6	0.011	0.2	16	0.5	555
1101780	0.041	1.0	< 1	< 0.1	14.1	0.8	12	< 0.2	0.5	0.185	< 0.1	120	0.3	74
1101781	0.011	3.8	< 1	< 0.1	0.5	< 0.5	4	< 0.2	5.1	< 0.001	< 0.1	5	0.9	11
1101782	0.006	10.3	< 1	< 0.1	0.2	2.1	9	< 0.2	1.4	< 0.001	0.2	3	2.1	11
1101783	0.003	0.8	< 1	< 0.1	0.2	0.7	3	< 0.2	< 0.1	0.007	< 0.1	4	< 0.1	11
1101784	0.010	21.0	< 1	< 0.1	1.0	0.8	3	< 0.2	1.5	0.003	0.1	9	0.2	15
1101785	0.084	2.1	< 1	< 0.1	4.2	1.4	19	< 0.2	1.1	0.219	< 0.1	76	0.3	37
1101786	0.270	2.8	< 1	< 0.1	9.0	< 0.5	13	< 0.2	2.5	0.102	0.2	116	< 0.1	95
1101787	0.164	0.7	< 1	< 0.1	11.5	< 0.5	73	< 0.2	1.1	0.184	< 0.1	132	0.3	37
1101788	0.137	0.7	< 1	< 0.1	11.9	< 0.5	88	< 0.2	0.3	0.197	< 0.1	117	> 200	48
1101789	0.030	3.0	< 1	< 0.1	2.8	< 0.5	17	< 0.2	0.6	0.081	< 0.1	21	21.3	36
1101790	0.008	0.5	< 1	< 0.1	0.5	< 0.5	1	< 0.2	0.5	0.001	< 0.1	10	3.5	12
1101791	0.124	3.3	< 1	< 0.1	13.7	0.9	18	< 0.2	1.4	0.317	< 0.1	181	3.6	132
1101792	0.127	51.0	< 1	< 0.1	11.1	0.7	42	< 0.2	0.6	0.345	< 0.1	133	1.8	244
1101793	0.234	4.8	1	0.4	4.3	< 0.5	6	< 0.2	0.9	0.179	< 0.1	24	2.3	18

Analyte Symbol	Au	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
Unit Symbol	ppb	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.1	0.01	0.5	0.5	20	1	0.1	0.01	0.1	0.1	1	0.2	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1
Method Code	FA-AA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
OREAS 45d (Aqua Regia) Meas			5.59	5.1	22.2		80	0.2	0.10		28.6	476	336	15.9	18		0.10	10	0.15	437		0.034	210
OREAS 45d (Aqua Regia) Cert			4.86	6.50	21		80	0.30	0.089		26.2	467	345	13.7	17.9		0.097	10.0	0.144	400		0.031	176
OREAS 922 (AQUA REGIA) Meas		0.9	2.88	6.5			80	10.8	0.40	0.2	17.8	46	2220	5.59	8		0.43	35	1.36	783	0.8	0.024	34.6
OREAS 922 (AQUA REGIA) Cert		0.851	2.72	6.12			70	10.3	0.324	0.28	19.4	40.7	2176	5.05	7.62		0.376	32.5	1.33	730	0.69	0.021	34.3
OREAS 907 (Aqua Regia) Meas		1.3	1.08	34.7	99.4		235	22.3	0.26	0.5	39.0	9	6190	7.87	14		0.32	36	0.20	312	5.6	0.080	5.1
OREAS 907 (Aqua Regia) Cert		1.30	0.945	37.0	101		225	22.3	0.280	0.540	43.7	8.59	6370	8.18	14.7		0.286	36.1	0.221	330	5.64	0.0860	4.74
OREAS 238 (Fire Assay) Meas	3120																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	3170																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	3060																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 263 (Aqua Regia) Meas		0.3	1.91	31.3			183	0.6	1.03	0.2	30.5	60	88.3	3.97	6	0.19	0.39		0.61	509	0.7	0.085	73.8
OREAS 263 (Aqua Regia) Cert		0.285	1.29	30.8			175	0.570	1.03	0.270	31.0	48.0	87.0	3.68	4.92	0.170	0.288		0.593	490	0.570	0.0790	72.0
OREAS 130 (Aqua Regia) Meas		5.8	1.14	209				3.2	1.78	29.1	26.0	26	216	7.50	5	0.68	0.47	23	0.81	1600	7.9		35.3
OREAS 130 (Aqua Regia) Cert		6.27	1.10	205				3.05	1.81	28.8	27.1	23.2	226	7.27	4.78	0.670	0.500	26.4	0.892	1630	8.25		35.2
Oreas 623 (Aqua Regia) Meas		18.6	1.72	77.1	722			17.1	1.04	49.0	202	19	> 10000	12.9	12	0.72	0.17	16	1.06	569	6.3	0.067	14.7
Oreas 623 (Aqua Regia) Cert		20.4	1.80	76.0	797			16.9	1.09	52.0	216	19.4	17200	13.0	11.9	0.830	0.175	17.9	1.11	570	8.38	0.0680	15.6
Oreas E1336 (Fire Assay) Meas	524																						
Oreas E1336 (Fire Assay) Cert	510.000																						
Oreas E1336 (Fire Assay) Meas	528																						
Oreas E1336 (Fire Assay) Cert	510.000																						
Oreas E1336 (Fire Assay) Meas	517																						
Oreas E1336 (Fire Assay) Cert	510.000																						
Oreas E1336 (Fire Assay) Meas	506																						
Oreas E1336 (Fire Assay) Cert	510.000																						
OREAS 521		0.9	1.25	318	419			5.9	3.31		378	32	5750	21.1	12		0.42	106	1.01	3100	144	0.047	71.8

Analyte Symbol	Au	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
Unit Symbol	ppb	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.1	0.01	0.5	0.5	20	1	0.1	0.01	0.1	0.1	1	0.2	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1
Method Code	FA-AA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
(Aqua Regia) Meas																							
OREAS 521 (Aqua Regia) Cert		0.8	1.44	333	365			5.8	3.66		374	33	5990	20.0	14		0.53	147	1.10	3000	133	0.045	68.0
Oreas 620 (Aqua Regia) Meas		37.2	1.41	52.4	739		12	1.9	1.45	163.8	14.1	19	1820	2.76	8	1.99	0.30	25	0.27	418	9.1	0.136	15.1
Oreas 620 (Aqua Regia) Cert		38.4	1.12	47.2	666		450	1.9	1.29	161.0	12.2	17	1750	2.58	6	2.14	0.31	25	0.27	414	9.0	0.117	14.4
Oreas 610 (Aqua Regia) Meas		47.4	1.15	2760				209	0.11	12.1	7.7	34	9410	2.27	7	0.73	0.26	6	0.11	65	4.5	0.054	24.6
Oreas 610 (Aqua Regia) Cert		48.4	0.847	2810				220	0.12	12.3	7.7	33	9720	2.27	6	0.80	0.21	7	0.11	66	4.5	0.049	24.3
OREAS L15 Meas	> 5000																						
OREAS L15 Cert	7180																						
1101804 Orig		0.5	2.61	1.0	133	< 20	50	11.1	3.10	0.2	17.7	27	286	10.6	10	0.04	0.26	7	1.03	2610	1.0	0.227	26.4
1101804 Dup		0.5	2.57	0.8	186	< 20	53	11.1	3.37	0.2	18.3	29	300	11.1	10	0.06	0.28	7	0.99	2680	1.0	0.238	28.0
1101805 Orig	131																						
1101805 Dup	128																						
1101816 Orig	11																						
1101816 Dup	< 5																						
1101721 Orig		0.5	0.14	0.7	< 0.5	< 20	20	< 0.1	0.07	< 0.1	0.7	5	4.7	1.47	4	0.02	0.03	20	0.03	89	0.5	0.042	0.8
1101721 Dup		0.4	0.13	0.6	< 0.5	< 20	21	< 0.1	0.07	< 0.1	0.6	5	5.2	1.47	4	0.04	0.03	21	0.03	89	0.5	0.040	0.8
1101724 Orig	< 5																						
1101724 Dup	< 5																						
1101738 Orig		1.8	3.39	< 0.5	2.8	< 20	171	3.1	3.20	0.7	26.0	91	1030	7.40	14	0.05	0.50	10	1.16	1090	1.0	0.381	69.1
1101738 Dup		1.7	3.84	0.7	1.8	< 20	169	3.0	3.28	0.6	25.8	91	1080	6.78	14	0.04	0.56	10	1.18	1010	1.1	0.397	65.9
1101739 Orig	< 5																						
1101739 Dup	< 5																						
1101748 Orig	< 5																						
1101748 Dup	< 5																						
1101749 Orig	< 5	0.4	1.42	5.8	< 0.5	< 20	75	3.6	0.15	< 0.1	4.1	47	266	3.81	11	0.06	0.25	19	0.23	179	13.0	0.357	5.7
1101749 Split PREP DUP	< 5	0.4	1.24	6.2	< 0.5	< 20	59	3.5	0.12	< 0.1	4.1	39	280	3.87	10	0.04	0.19	20	0.24	180	10.0	0.257	5.2
1101750 Orig	< 5																						
1101750 Dup	< 5																						
1101757 Orig		< 0.1	0.53	< 0.5	< 0.5	< 20	15	< 0.1	0.47	< 0.1	2.6	12	2.5	1.21	4	0.04	0.07	5	0.16	180	0.8	0.080	4.2
1101757 Dup		< 0.1	0.59	0.9	< 0.5	< 20	15	< 0.1	0.53	< 0.1	2.5	12	2.2	1.23	4	0.05	0.07	5	0.17	174	0.8	0.086	4.3
1101770 Orig		0.1	1.27	< 0.5	< 0.5	< 20	103	0.2	2.60	< 0.1	19.0	138	44.8	3.31	8	0.05	0.07	151	1.68	534	0.4	0.122	36.2
1101770 Dup		0.1	1.32	< 0.5	1.2	< 20	101	0.2	2.42	< 0.1	18.5	141	44.4	3.04	8	0.04	0.06	152	1.61	509	0.4	0.105	34.4
1101776 Orig	< 5																						
1101776 Dup	< 5																						
1101781 Orig		< 0.1	0.18	2.5	< 0.5	< 20	12	< 0.1	0.03	< 0.1	0.9	19	6.4	1.61	2	0.05	0.04	2	0.06	115	2.9	0.047	2.0
1101781 Dup		< 0.1	0.19	2.4	< 0.5	< 20	12	< 0.1	0.02	< 0.1	0.9	19	5.9	1.55	2	0.03	0.04	2	0.06	113	2.9	0.047	2.1
1101782 Orig	< 5																						
1101782 Dup	< 5																						
1101791 Orig	< 5																						
1101791 Dup	< 5																						
1101793 Orig	19	0.5	0.84	19.1	21.4	< 20	27	0.3	0.29	< 0.1	3.8	6	12.4	6.27	6	0.06	0.23	8	0.23	138	1.0	0.059	1.8
1101793 Split PREP DUP	24	0.4	0.78	18.7	20.1	< 20	27	0.3	0.28	< 0.1	3.8	6	12.1	6.47	6	0.05	0.23	9	0.23	139	1.0	0.056	1.8
1101793 Split PREP DUP		0.4	0.78	18.7	20.1	< 20	27	0.3	0.28	< 0.1	3.8	6	12.1	6.47	6	0.05	0.23	9	0.23	139	1.0	0.056	1.8
Method Blank	< 5																						

Analyte Symbol	Au	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
Unit Symbol	ppb	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.1	0.01	0.5	0.5	20	1	0.1	0.01	0.1	0.1	1	0.2	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1
Method Code	FA-AA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank		< 0.1	< 0.01	< 0.5	3.2	< 20	2	< 0.1	< 0.01	< 0.1	< 0.1	2	< 0.2	< 0.01	< 1	0.04	< 0.01	< 1	< 0.01	< 1	< 0.1	0.007	< 0.1
Method Blank		< 0.1	< 0.01	< 0.5	< 0.5	< 20	2	< 0.1	< 0.01	< 0.1	< 0.1	2	< 0.2	< 0.01	< 1	0.03	< 0.01	< 1	< 0.01	< 1	< 0.1	0.006	< 0.1

Analyte Symbol	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
OREAS 45d (Aqua Regia) Meas	0.034	17.8	< 1		37.5		13		10.8			178		37
OREAS 45d (Aqua Regia) Cert	0.035	17.0	0.045		41.50		11.0		11.3			201		30.6
OREAS 922 (AQUA REGIA) Meas	0.068	62.6	< 1	0.6	3.3	3.3	16		16.2		0.2	32	1.1	256
OREAS 922 (AQUA REGIA) Cert	0.063	60	0.386	0.57	3.15	3.44	15.0		14.5		0.14	29.4	1.12	256
OREAS 907 (Aqua Regia) Meas	0.022	34.4	< 1	2.4	2.2	9.1	12	0.2	8.5	0.018	0.1	5	1.4	135
OREAS 907 (Aqua Regia) Cert	0.0240	34.1	0.0660	2.28	2.16	9.05	11.7	0.230	8.04	0.0170	0.120	5.12	0.980	139
OREAS 238 (Fire Assay) Meas														
OREAS 238 (Fire Assay) Cert														
OREAS 238 (Fire Assay) Meas														
OREAS 238 (Fire Assay) Cert														
OREAS 238 (Fire Assay) Meas														
OREAS 238 (Fire Assay) Cert														
OREAS 263 (Aqua Regia) Meas	0.047	36.1	< 1	7.7	3.5		18	< 0.2	11.8		0.6	28		127
OREAS 263 (Aqua Regia) Cert	0.0410	34.0	0.126	7.37	3.52		16.9	0.210	10.6		0.530	22.8		127
OREAS 130 (Aqua Regia) Meas	0.087	1360	6	4.2	3.4		21	< 0.2	10.0	0.027	5.4	35	1.2	> 5000
OREAS 130 (Aqua Regia) Cert	0.0860	1300	6.02	4.69	3.42		23.2	0.170	10.3	0.0270	5.92	33.1	1.40	16900
Oreas 623 (Aqua Regia) Meas	0.044	2450	8	17.7	4.0	19.2	14	0.6	4.6		0.3	15	3.2	> 5000
Oreas 623 (Aqua Regia) Cert	0.0400	2520	8.75	20.2	4.63	18.6	14.2	0.570	4.72		0.260	15.8	2.62	10100
Oreas E1336 (Fire Assay) Meas														
Oreas E1336 (Fire Assay) Cert														
Oreas E1336 (Fire Assay) Meas														
Oreas E1336 (Fire Assay) Cert														
Oreas E1336 (Fire Assay) Meas														
Oreas E1336 (Fire Assay) Cert														
Oreas E1336 (Fire Assay) Meas														
Oreas E1336 (Fire Assay) Cert														
OREAS 521	0.081	8.1	2	3.8	8.1	2.1	28	0.8	5.8	0.119	0.1	191	66.2	22

Analyte Symbol	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
(Aqua Regia) Meas														
OREAS 521 (Aqua Regia) Cert	0.081	9.0	2	3.6	10	2.4	54	0.7	7.8	0.141	0.1	200	71.0	24
Oreas 620 (Aqua Regia) Meas	0.036	> 5000	3	66.3			20		7.5		0.7	10	0.9	> 5000
Oreas 620 (Aqua Regia) Cert	0.031	7740	2	62.0			20		7.5		0.5	7	0.8	31200
Oreas 610 (Aqua Regia) Meas	0.025	488	2	250	1.0	29.8	41	40.4	2.9		1.4	13	3.7	1590
Oreas 610 (Aqua Regia) Cert	0.025	512	3	265	0.84	27.7	39	41.7	3.1		1.5	12	3.6	1760
OREAS L15 Meas														
OREAS L15 Cert														
1101804 Orig	0.057	2.5	2	< 0.1	6.5	1.5	17	0.5	1.4	0.188	0.2	64	0.3	72
1101804 Dup	0.054	2.4	2	< 0.1	6.7	1.5	17	0.6	1.4	0.199	0.2	66	0.3	76
1101805 Orig														
1101805 Dup														
1101816 Orig														
1101816 Dup														
1101721 Orig	0.001	2.5	< 1	< 0.1	0.9	< 0.5	3	< 0.2	8.3	0.031	< 0.1	5	0.2	12
1101721 Dup	0.001	2.4	< 1	< 0.1	0.9	< 0.5	3	< 0.2	8.1	0.029	< 0.1	5	0.1	10
1101724 Orig														
1101724 Dup														
1101738 Orig	0.176	1.3	< 1	< 0.1	21.2	0.7	38	< 0.2	1.4	0.419	0.7	169	5.4	147
1101738 Dup	0.174	1.4	< 1	< 0.1	22.6	0.7	36	< 0.2	1.4	0.419	0.7	173	5.4	150
1101739 Orig														
1101739 Dup														
1101748 Orig														
1101748 Dup														
1101749 Orig	0.008	3.6	< 1	< 0.1	2.3	1.4	15	< 0.2	5.6	0.029	0.1	4	7.2	23
1101749 Split PREP DUP	0.008	3.4	< 1	< 0.1	2.0	1.4	12	< 0.2	5.5	0.024	0.1	4	7.8	24
1101750 Orig														
1101750 Dup														
1101757 Orig	0.003	9.5	< 1	< 0.1	2.5	< 0.5	16	< 0.2	11.7	0.033	< 0.1	14	0.2	13
1101757 Dup	0.003	9.5	< 1	< 0.1	2.6	< 0.5	16	< 0.2	11.9	0.034	< 0.1	14	0.2	14
1101770 Orig	0.156	13.2	< 1	0.1	4.0	< 0.5	290	< 0.2	18.5	0.092	< 0.1	67	0.3	60
1101770 Dup	0.160	13.4	< 1	0.1	3.9	< 0.5	289	< 0.2	18.4	0.098	< 0.1	66	< 0.1	60
1101776 Orig														
1101776 Dup														
1101781 Orig	0.011	3.9	< 1	< 0.1	0.5	0.6	4	< 0.2	5.2	< 0.001	< 0.1	5	0.9	12
1101781 Dup	0.011	3.8	< 1	< 0.1	0.6	< 0.5	4	< 0.2	5.1	< 0.001	< 0.1	5	1.0	11
1101782 Orig														
1101782 Dup														
1101791 Orig														
1101791 Dup														
1101793 Orig	0.234	4.8	1	0.4	4.3	< 0.5	6	< 0.2	0.9	0.179	< 0.1	24	2.3	18
1101793 Split PREP DUP	0.227	4.9	1	0.4	4.1	< 0.5	7	< 0.2	0.9	0.158	< 0.1	25	2.1	19
1101793 Split PREP DUP	0.227	4.9	1	0.4	4.1	< 0.5	7	< 0.2	0.9	0.158	< 0.1	25	2.1	19
Method Blank														

Analyte Symbol	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Method Blank														
Method Blank														
Method Blank														
Method Blank														
Method Blank														
Method Blank														
Method Blank	< 0.001	< 0.1	< 1	< 0.1	< 0.1	< 0.5	< 1	< 0.2	< 0.1	< 0.001	< 0.1	4	< 0.1	< 1
Method Blank	< 0.001	< 0.1	< 1	< 0.1	< 0.1	< 0.5	< 1	< 0.2	< 0.1	< 0.001	< 0.1	4	< 0.1	< 1