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Prospecting Program 2021-2022:
Fulcrum Metals: Beavertrap Lake Property

Rope Lake Area and Pays Platt Area

NTS Sheet# 042D14

For: Fulcrum Metals

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March 2nd, 2023

Summary

Two prospecting programs were completed on the Beavertrap Lake Property, owned 100% by Fulcrum Metals Canada, between November 18th, 2021, and October 27th, 2022. The objective of the programs was to follow up on magnetic anomalies located within the Beavertrap property that appear to extend towards the historic Winston Lake – Pick Lake Cu-Zn mines.

The program was completed in two phases, first in Fall of 2021 and again in Fall of 2022. During the first phase, the southern magnetic anomaly in the Beavertrap property was investigated. The second phase focussed on the magnetic anomaly found in the Northern portion of the property.

Both work programs identified magnetic granite as the cause of the anomalies. 19 grab samples were collected in the 2022 phase of work with no significant base or precious metals results returned.

No further work is recommended at this time.

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Introduction

Two prospecting programs were completed on the Beavertrap Lake Property, owned 100% by Fulcrum Metals Canada, between November 18th, 2021, and October 31st, 2022. Work was completed by Bayside Geoscience Inc. of Thunder Bay, Ontario. Beavertrap Lake Property is located 35km NW from Terrace Bay, Ontario.

The objective of the Beavertrap Lake program was to investigate magnetic anomalies that appear to extend from the historic Winston Lake – Pick Lake Cu-Zn mines to the Beavertrap Property.

The program was completed in two phases. The first phase was completed on November 18th, 2021, by a team of four personnel that explored a circular magnetic anomaly in the southern portion of the property.

The second phase of work took place from October 26th and 27th, 2022. The objective was to prospect a linear magnetic anomaly thought to be related to the nearby Winston Lake – Pick Lake VMS deposits.

The co-ordinate system used throughout this report is: UTM NAD 83 Zone 16U.

Location and Access

The Beavertrap Lake property is approximately 35 kilometres north of Terrace Bay, Ontario in Rope Lake Area, and Pays Platt Lake Area (Figure 1, 2). Access to the southern portion of the property was via the Winston Lake Mine Road, then a two kilometres dead-walk to the claim boundary. The northern targets were more remote, with the closest road access to the property being approximately five kilometres away (Figure 2). Therefore, the property was accessed by helicopter through Wisk-Air Helicopters Ltd from the Terrace Bay Airport.

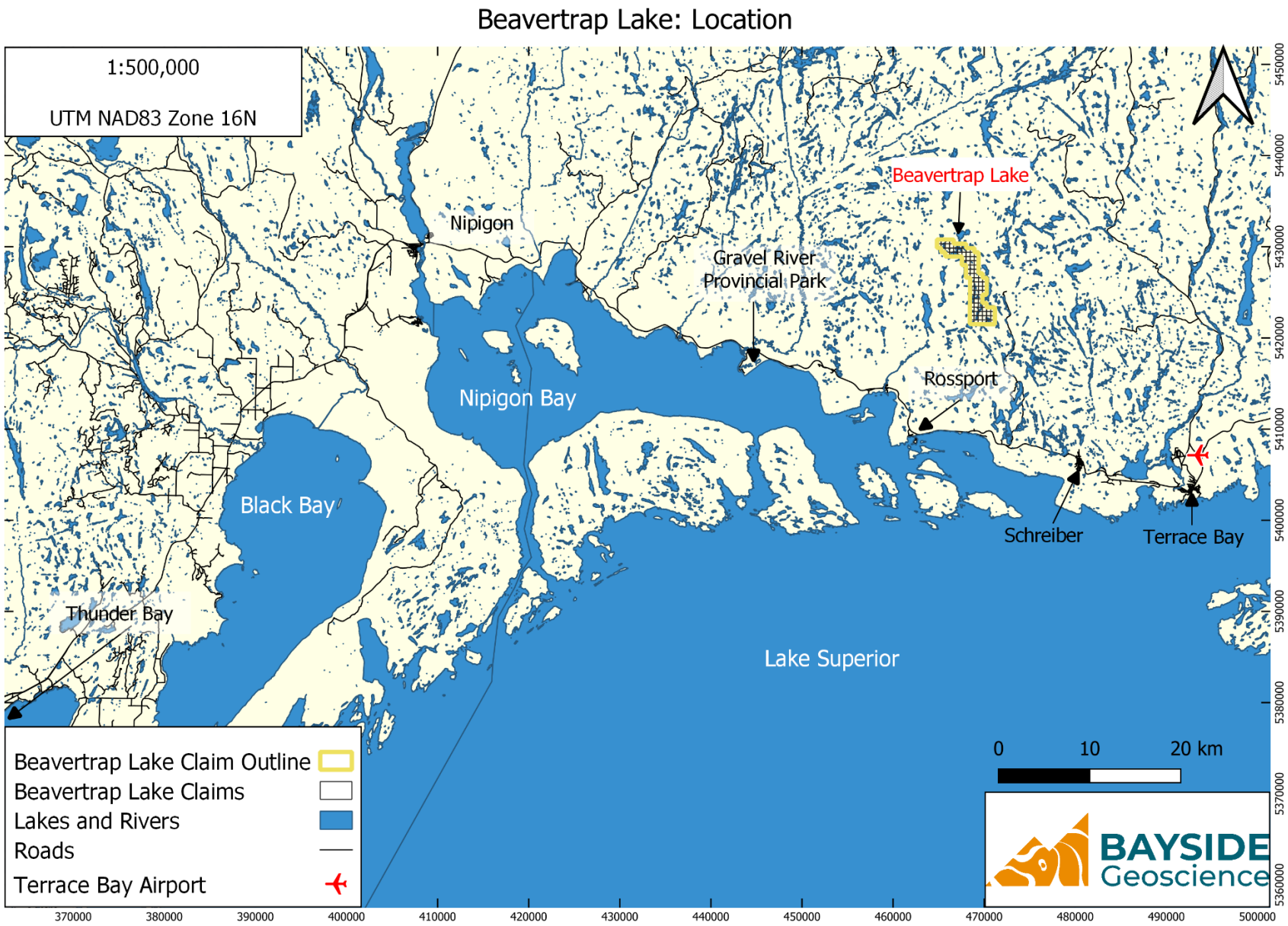

Figure 1: Location of the Beavertrap Lake property

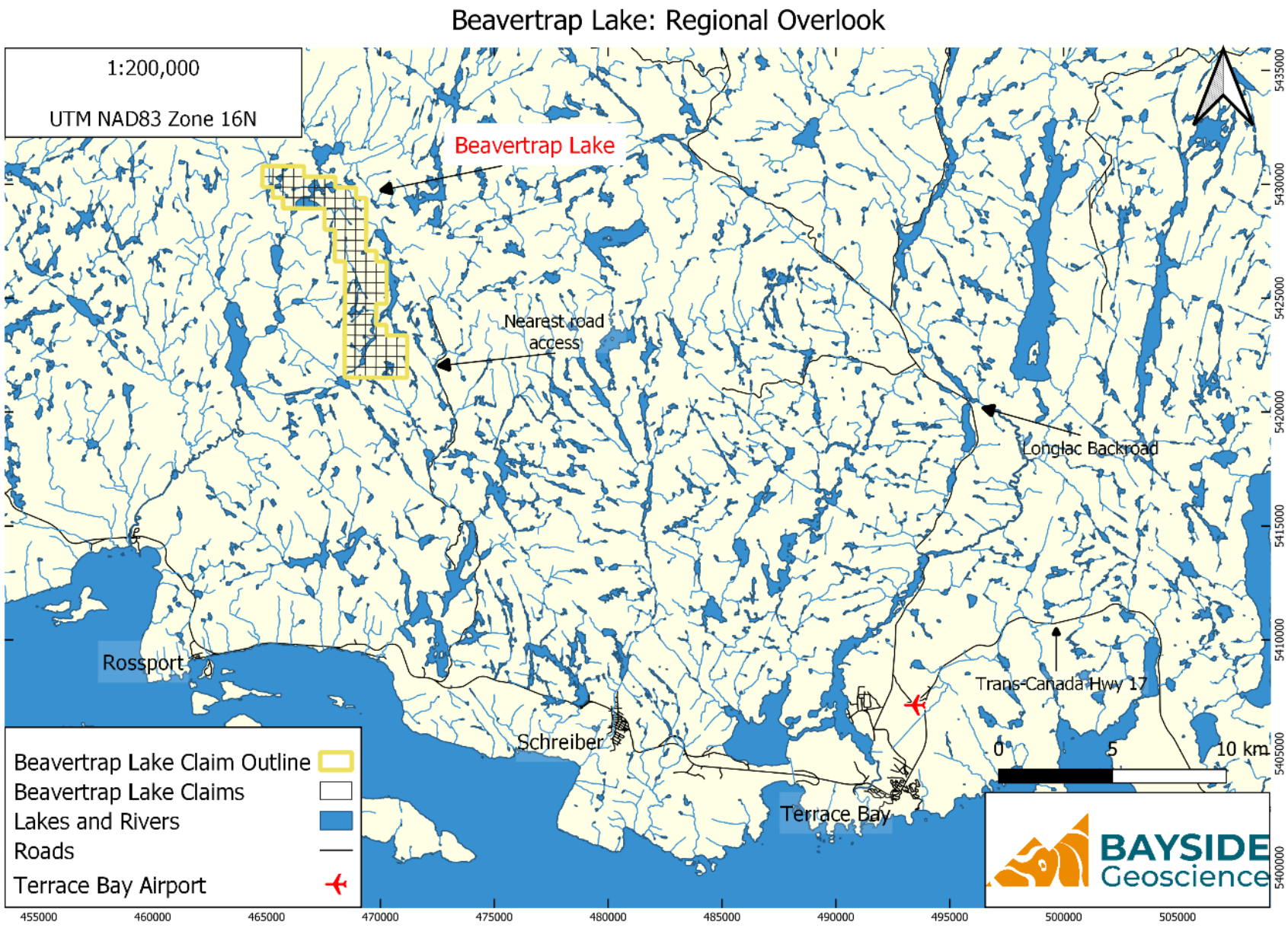

Figure 2: Location of the Beavertrap Lake property and its proximity to town centres and road access

Physiography

The Beavertrap 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 region's 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 behaviour. 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 to 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 809.4 millimetres with precipitation being highest in September and October.

Property Ownership and Claims

The Beavertrap Lake property is located within the Thunder Bay Mining Division and comprises 95 contiguous single cell claim blocks, totalling 2,014 Ha. All the claims are 100% owned by Fulcrum Metals (Canada) Limited. The claim assemblage of the Beavertrap Lake property is shown in Figure 3.

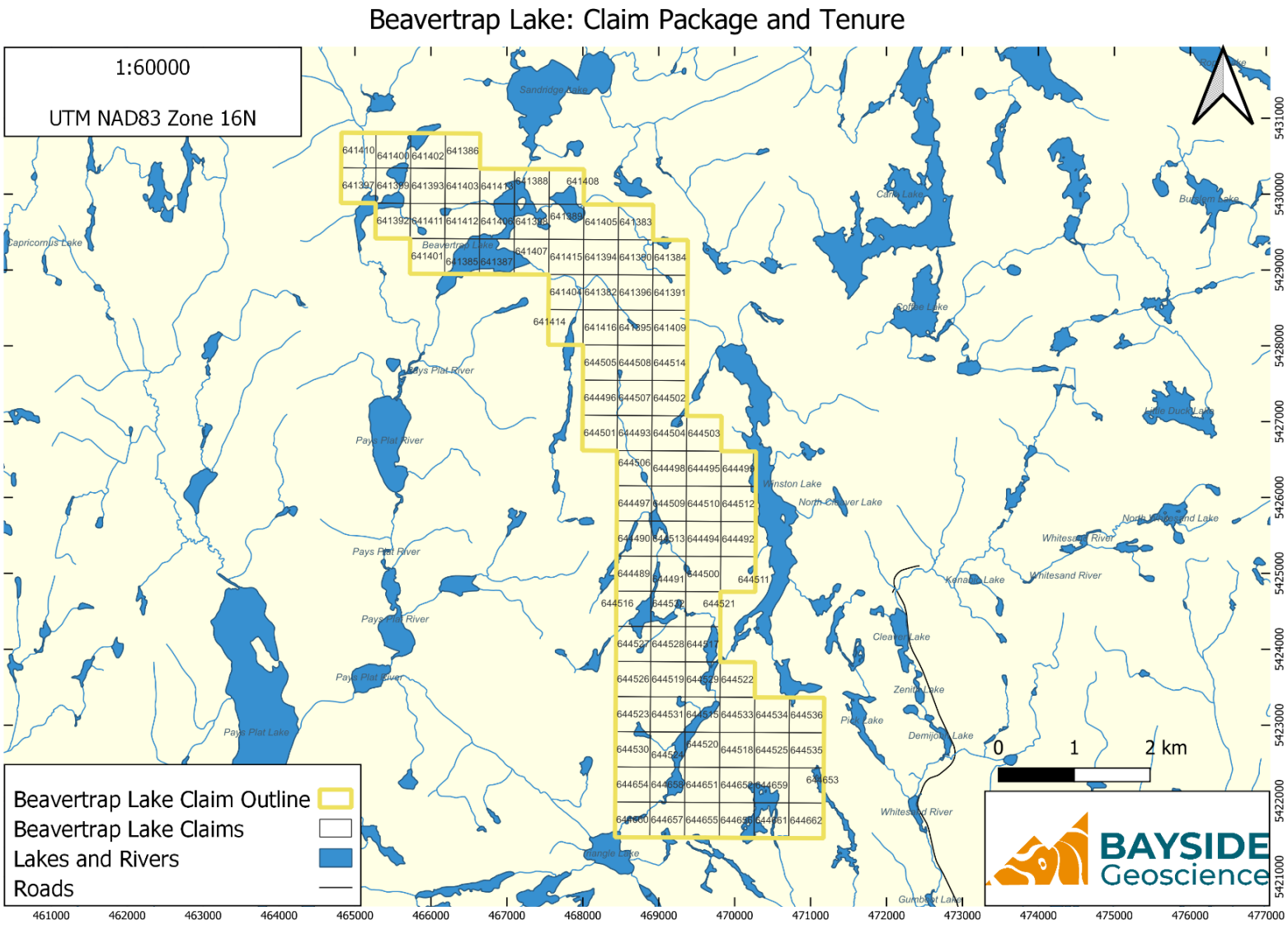

Figure 3: Beavertrap Lake Property Claim Map

Beavertrap Lake Property

Exploration History

Table 1 is a summary of the work performed within or near the Beavertrap Lake property.

Table 1: Exploration History Summary

Year	Company	Type of Work	Property	Assessment ID
1983	Noranda Exploration Co	Airborne Magnetometer	Big Duck Lake	42E02SW8360
1983	Noranda Exploration Co	Airborne Electromagnetic, Airborne Magnetometer	Big Duck Lake	42E03SE8284
1983	Falconbridge Copper Corp	Airborne Electromagnetic	Big Duck Lake	42E03SE0014
1983	Falconbridge Copper Corp	Airborne Electromagnetic	Big Duck Lake	42E03SE0014
1983	Zahavy Mines Ltd	Airborne Electromagnetic, Airborne Magnetometer, Airborne Resistivity	Whitesand River	42D14NW0023
1983	Noranda Exploration Co	Airborne Electromagnetic, Airborne Magnetometer	Big Duck Lake	42E03SE8284
1984	Noranda Exploration Co	Compilation and Interpretation - Ground Geophysics, Geological Survey / Mapping, Magnetic / Magnetometer Survey	Sandridge Lake	42E03SW0016
1984	Noranda Exploration Co	Compilation and Interpretation - Geology, Magnetic/ Magnetometer Survey	Sandridge Lake	42E03SW0014
1984	Noranda Exploration Co	Compilation and Interpretation - Geology, Magnetic/ Magnetometer Survey	Sandridge Lake	42E03SW0014
1984	Noranda Exploration Co	Compilation and Interpretation - Ground Geophysics, Geological Survey / Mapping, Magnetic / Magnetometer Survey	Sandridge Lake	42E03SW0016
1985	Noranda Exploration Co	Electromagnetic	Sandridge Lake	42E03SW0008
1985	Noranda Exploration Co	Electromagnetic	Sandridge Lake	42E03SW0009
1985	Noranda Exploration Co	Geochemical, Other	Rope Lake	42E03SW0011
1985	Noranda Exploration Co	Geochemical, Other	Rope Lake	42E03SW0011
1986	Noranda Exploration Co	Geochemical	Rope Lake	42E03SW0006
1986	Noranda Exploration Co	Geochemical	Rope Lake	42E03SW0006
2012	Silvore Fox Minerals Corp	Airborne Electromagnetic, Airborne Magnetometer	Winston Lake Property	20000007062
2012	Silvore Fox Minerals Corp	Assaying and Analyses, Prospecting By Licence Holder	Winston Lake Property	20000007489
2012	Silvore Fox Minerals Corp	Assaying and Analyses, Geological Survey / Mapping, Prospecting By Licence Holder	Winston Lake Property	20000007517
2012	Silvore Fox Minerals Corp	Assaying and Analyses, Geological Survey / Mapping, Prospecting By Licence Holder	Winston Lake Property	20000007517
2014	Golden Share Mining Corp	Assaying and Analyses, Geological Survey / Mapping, Manual Labour, Prospecting By Licence Holder	Pick Lake Property	20000008045
2014	Golden Share Mining Corp	Assaying and Analyses, Geological Survey / Mapping, Manual Labour, Prospecting By Licence Holder	Pick Lake Property	20000008045
2014	Golden Share Mining Corp	Assaying and Analyses, Geological Survey / Mapping, Manual Labour, Prospecting By Licence Holder	Pick Lake Property	20000008045
2017	Ophiolite Consultants Pty Ltd	Assaying and Analyses, Geochemical, Soil/Till Sampling	Pick Lake Zn-Cu Property	20000013841
2019	Ophiolite Holdings Pty Ltd	Downhole Geophysics, Electromagnetic, Linecutting	Pick - Winston Zn-Cu Property	20000018201

Regional Geology

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

"The Pick Lake property is located 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 (Huss, 2014). "

"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. 1991b); 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, Balint and Sim 1991). Regional metamorphic grade in the belt is lower amphibolite facies (Williams et al. 1991b). 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 litho-tectonic assemblages: 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 polyphased 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."

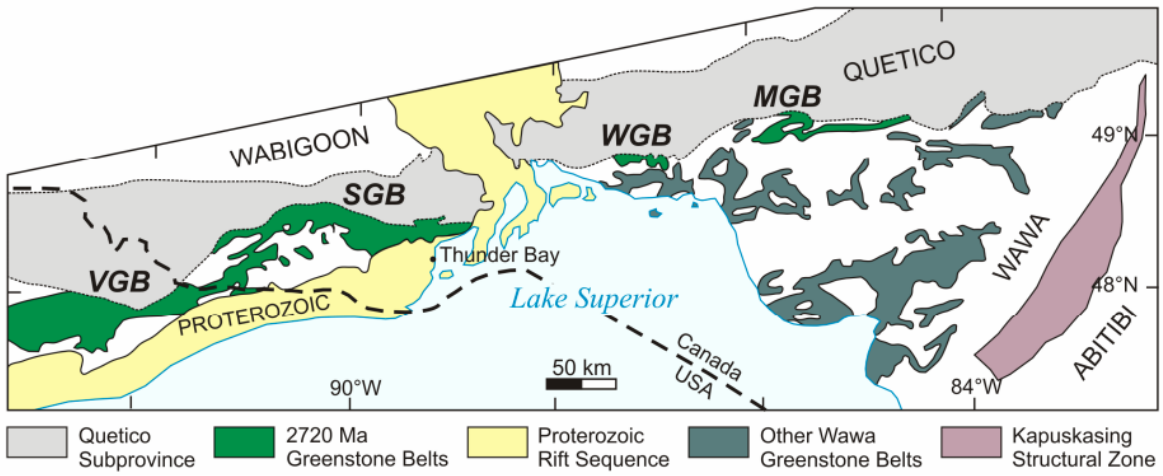

Figure 4:General geology of the Wawa Subprovince of the Superior Craton. Abbreviations: MGB, Manitouwadge greenstone belt; SGB, Shebandowan greenstone belt; VGB, Vermilion greenstone belt; WGB Winston Lake greenstone belt. Abitibi, Quetico, Wabigoon and Wawa labels refer to sub provinces of the Archean Superior Province. Figure from Lodge (2011).

Local Geology

The Beavertrap Lake property consisted of mainly granitic-dioritic volcanic suites with a major abundance of disseminated magnetite. A large portion of the felsic-intermediate volcanics display rarer chlorite and abundant magnetite gneissic banding. These suites were seen being cross-cut by pegmatite dikes sporadically throughout the property.

The Winston Lake and Pick Lake Copper and Zinc deposits located directly east of the Beavertrap Lake property. These existing VMS deposits are high-grade Copper and Zinc with a combined 43-101 indicated resource of 2.35 Mt at 17.9% Zn, 0.8% Cu, 0.4g/t Au, and 33.6 g/t Ag. Mining production of the Winston Lake property took place from 1988 to 1998. In this time, 3.4 million tonnes grading 1.0% copper and 16% zinc was mined and processed (Pick Lake 43-101, 2021).

2021 Prospecting Program

On November 18th, 2021, Bayside Geoscience deployed a team of 4 personnel to prospect a portion of Fulcrum Metals Beavertrap Lake Project. The purpose of the field work was to investigate the source of a prominent magnetic anomaly located adjacent to the Winston Lake and Pick Lake Zinc mines, now operated by Metallum Resources (Figure 5). Mapping completed by the Ontario Geological Survey indicates the area of the anomaly is underlain by granitic rocks, but the area has not been covered by a modern geological survey. Similar magnetic responses are located adjacent to the Winston Lake and Pick Lake mines.

Two Geologists (Simon Dolega and Jesse Koroscil) were accompanied by two field assistants (Adam Danielle and Cameron Mitchell) for the single day of field work. The crew mobilized and demobilized from the property in a single 16-hour day, so two days of charge out rates were applied. A total of 9 grab samples were collected along the traverse as representative samples of the geology underlying the magnetic anomaly and measured for magnetic susceptibility using a KT-20 magnetic susceptibility meter at Bayside's office in Thunder Bay. No samples were submitted for analysis.

2022 Prospecting Program

The second phase of the Beavertrap Lake program was completed over a 2-day period from October 26th, 2022, to October 27th, 2022. This work formed part of a larger program that investigated three of Fulcrum Metals properties in the region. 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 objective of the program was to investigate and sample a linear magnetic anomaly that extends from the Pick Lake – Winston Lake Zn mine onto the Beavertrap property.

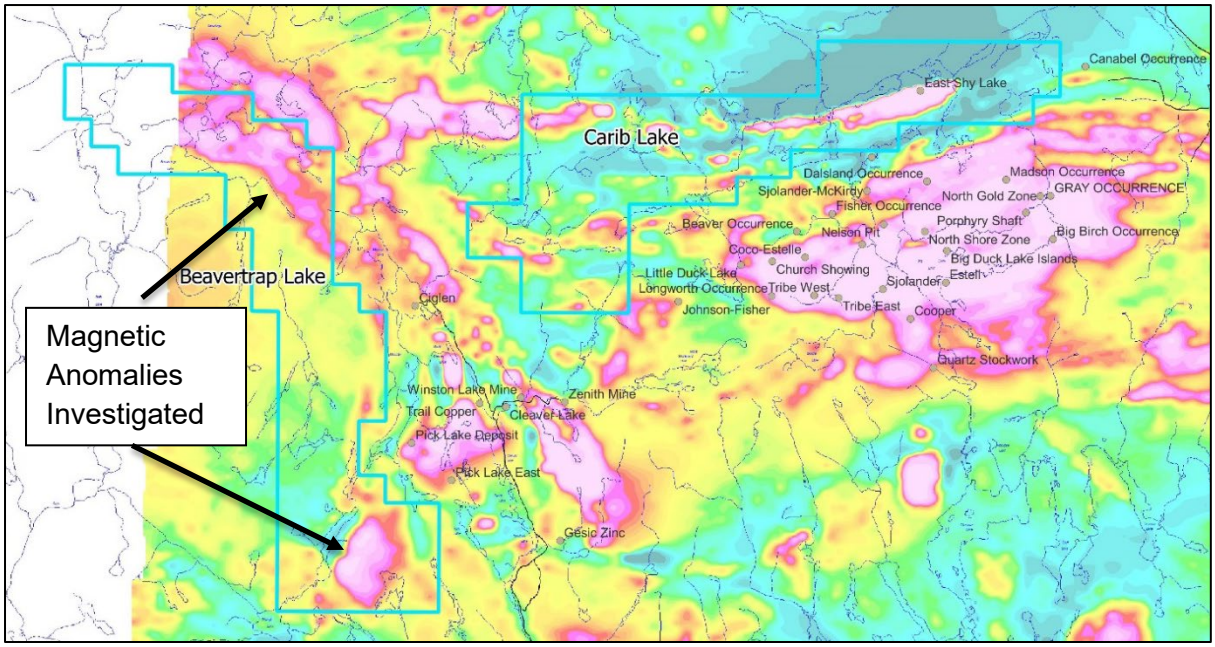

Figure 5: Total field magnetics of the Beavertrap area

A daily log of the work crew's activities is available in Appendix C. Station and sample descriptions are included in Appendix D.

Sampling Procedures & QA/QC

Geological stations were recorded utilizing with the QField application using Samsung Tab A tablets. A sample database with predetermined fields was set up 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.

Rock samples were collected by field personnel utilizing rock hammers and placed into poly bags labelled with unique station ID's and sample numbers.

Assay Methodology

Samples were delivered by Bayside to Activation Laboratories in Thunder Bay, Ontario. Ultratrace ICPMS was completed at Activation Laboratories Ancaster laboratory and Fire Assay was completed in Thunder Bay, Ontario. A total of 19 samples were submitted for Beavertrap Lake. 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

Field work for the Beavertrap Lake project was completed in two phases, one in Fall of 2021 and another in Fall of 2022. Both phases of work involved investigating magnetic anomalies within the property. The field work in 2021 was focused on the southern anomaly and the 2022 field work was focused on the northern anomaly (Figure 5).

During the 2021 work program, 9 representative samples were collected at several locations throughout the magnetic anomaly. These sample were not submitted for analysis but were collected to measure magnetic susceptibility and to discuss the findings with Bayside Geoscience senior geologists. The units observed were spotted pink, white and dark-green, mg-cg, weakly to moderately chlorite-epidote and hematite altered, massive to slightly foliated, patchy slightly to strongly magnetic granite to diorite (Figure 6, 7). No visible sulphide mineralization or other lithologies were encountered during the traverses. Magnetic susceptibility measurements confirmed high magnetism in the diorite and granite samples that were collected (Table 2).

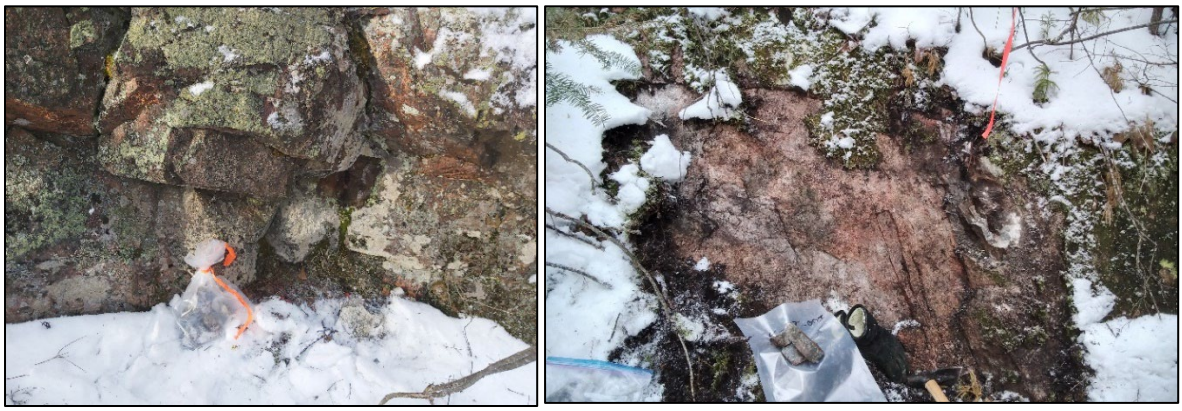

Figure 6: Granite outcrop at BT-SD-002 (left) and BT-JK-003 (right)

Table 2: Magnetic Susceptibility measurements from 2021 samples

Sample ID	Easting	Northing	Elevation	Rock Type	Magnetic Susceptibility (SI x 10-3))
BT-SD-001	470260	5422457	453	Diorite	6.55
BT-SD-002	470149	5422338	445	Granite	6.22
BT-SD-003	469894	5422389	434	Granite	0.28
BT-SD-004	469724	5422320	480	Granite	18
BT-JK-001	470588	5422685	449	Granite	8.63
BT-JK-002	470447	5422972	460	Granite	16.65
BT-JK-003	470060	5422904	464	Granite	13.96
BT-JK-004	469927	5422866	462	Diorite	102.6
BT-JK-005	469856	5422807	458	Granite	7.56

During the 2022 work program, 19 samples were collected from 8 different claim blocks (Table 3). The rock samples collected consist of felsic plutonic rocks as well as gabbro, chlorite schist, as well as quartz veins (Figure 8).

Au, Ag, Cu, Pb, and Zn results are summarized in Table 4. The highest Cu and Zn results came from samples 1101760, 1101761, and 1101762. Sample 1101760 had concentrations of 114 ppm Cu and 50 ppm Zn. Sample 1101761 had concentrations of 247 ppm Cu and 79 ppm Zn. Sample 1101762 had a concentration of 100 ppm Cu and 59 ppm Zn. Samples 1101761 and 1101762 were collected from gabbroic units, while sample 1101760 is from a chlorite schist. All three of these samples were found within close proximity to each other.

Table 3: Location and claim block associated with samples collected during the 2022 field program.

Project Area	Sample ID	Township /Area	Tenure ID	Anniversary Date	Claim Holder
Beavertrap Lake	1101755-1101757	Rope Lake Area	641405	2023-03-09	(100) Fulcrum Metals (Canada) Ltd.
Beavertrap Lake	110727	Rope Lake Area	641389	2023-03-09	(100) Fulcrum Metals (Canada) Ltd.
Beavertrap Lake	1101758-1101762	Rope Lake Area	641394	2023-03-09	(100) Fulcrum Metals (Canada) Ltd.
Beavertrap Lake	1101751, 1101754	Rope Lake Area	641390	2023-03-09	(100) Fulcrum Metals (Canada) Ltd.
Beavertrap Lake	1101752	Rope Lake Area	641396	2023-03-09	(100) Fulcrum Metals (Canada) Ltd.
Beavertrap Lake	1101753	Rope Lake Area	641382	2023-03-09	(100) Fulcrum Metals (Canada) Ltd.
Beavertrap Lake	1101721	Rope Lake Area	641409	2023-03-09	(100) Fulcrum Metals (Canada) Ltd.
Beavertrap Lake	1101722-1101726	Rope Lake Area	644514	2023-03-19	(100) Fulcrum Metals (Canada) Ltd.

Table 4: Assay Results of the 2022 Prospecting Program

						Au	Ag	Cu	Pb	Zn
						ppb	ppm	ppm	ppm	ppm
						5	0.1	0.2	0.1	1
Station ID	Sample ID	Easting	Northing	Elevation	Lithology	FA-AA	AR-MS	AR-MS	AR-MS	AR-MS
BT-JS-001	1101721	469116	5428084	462	Granite	< 5	0.5	4.9	2.5	11
BT-JS-003	1101722	469053	5427744	448	Syenite	< 5	< 0.1	2.4	2.4	13
BT-JS-004	1101723	469075	5427667	442	Granite	< 5	< 0.1	1.9	0.8	9
BT-JS-005	1101724	469158	5427631	449	Quartz Vein	< 5	< 0.1	5	1.1	12
BT-JS-006	1101725	469290	5427763	451	Granite	< 5	< 0.1	5.6	4.3	32
BT-JS-007	1101726	469252	5427965	459	Granodiorite	< 5	0.2	3.7	2.1	10
BT-JS-009	1101727	467714	5429504	334	Granite	< 5	0.1	54.7	3.9	44
BT-JRF-001	1101751	468761	5429007	418	Sandstone	< 5	0.1	88.8	3.5	33
BT-JRF-002	1101752	468526	5428806	448	Granite	< 5	0.2	3.5	2.4	12
BT-JFR-003	1101753	468452	5428648	458	Granite	< 5	0.1	7	2.7	15
BT-JRF-004	1101754	468814	5428950	408	Granite	< 5	< 0.1	1.6	8.7	15
BT-JRF-005	1101755	468125	5429709	405	Granodiorite	< 5	< 0.1	43.2	4.1	55
BT-JRF-006	1101756	468195	5429631	412	Diorite	< 5	< 0.1	8.7	1.7	48
BT-JRF-007	1101757	468208	5429551	423	Granodiorite	< 5	< 0.1	2.3	9.5	13
BT-JRF-008	1101758	468120	5429371	429	Granite	< 5	< 0.1	1.3	12.5	13
BT-JRF-009	1101759	468120	5429371	429	Granite	< 5	< 0.1	40.7	6.2	42
BT-JRF-010	1101760	468013	5429268	392	Chlorite Schist	< 5	< 0.1	114	1.2	50
BT-JRF-011	1101761	468026	5429262	400	Gabbro	< 5	0.1	247	1.2	79
BT-JRF-012	1101762	468026	5429262	400	Gabbro	< 5	< 0.1	100	0.9	59

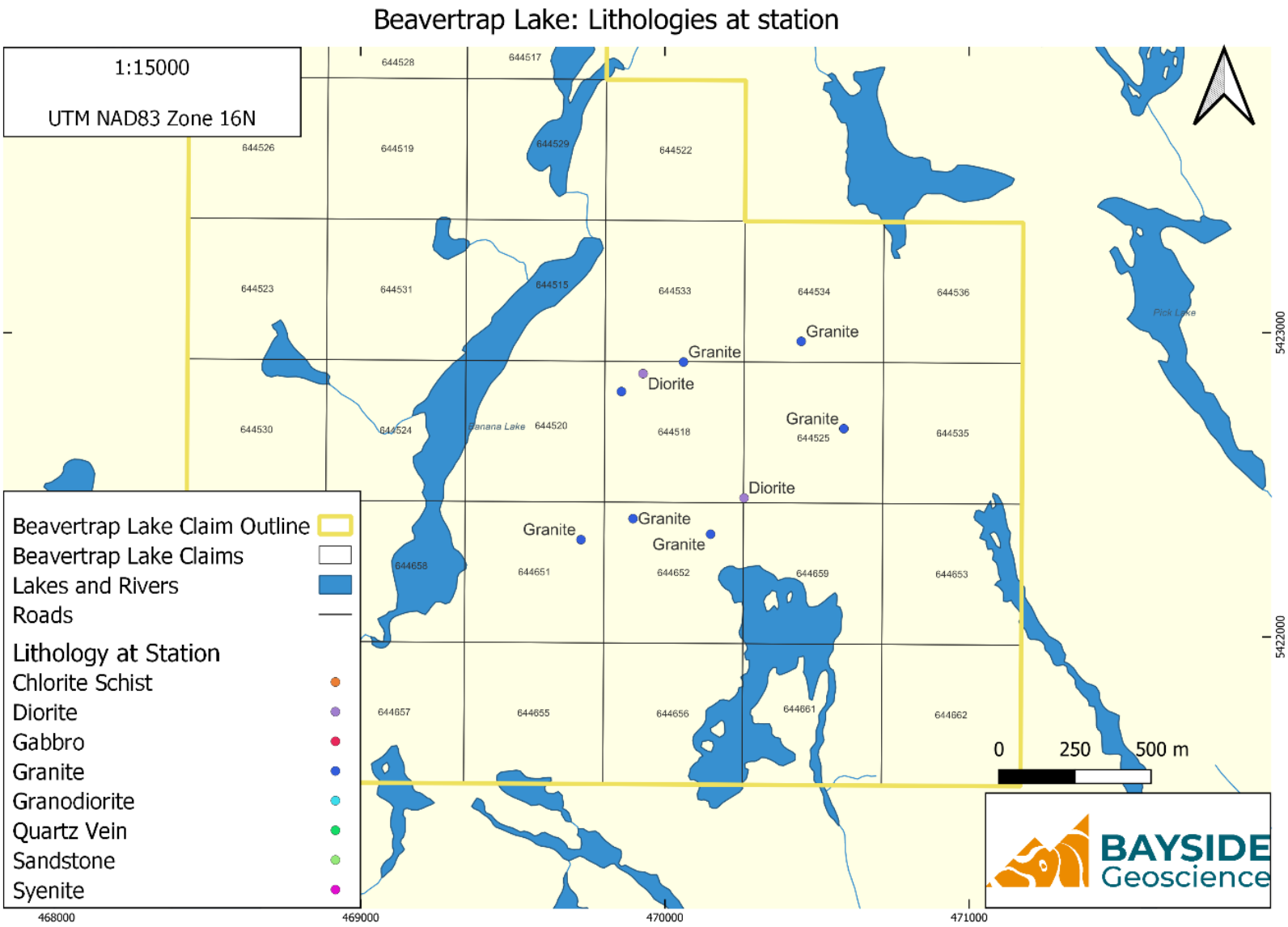

Figure 7: Lithologies observed during the 2021 program

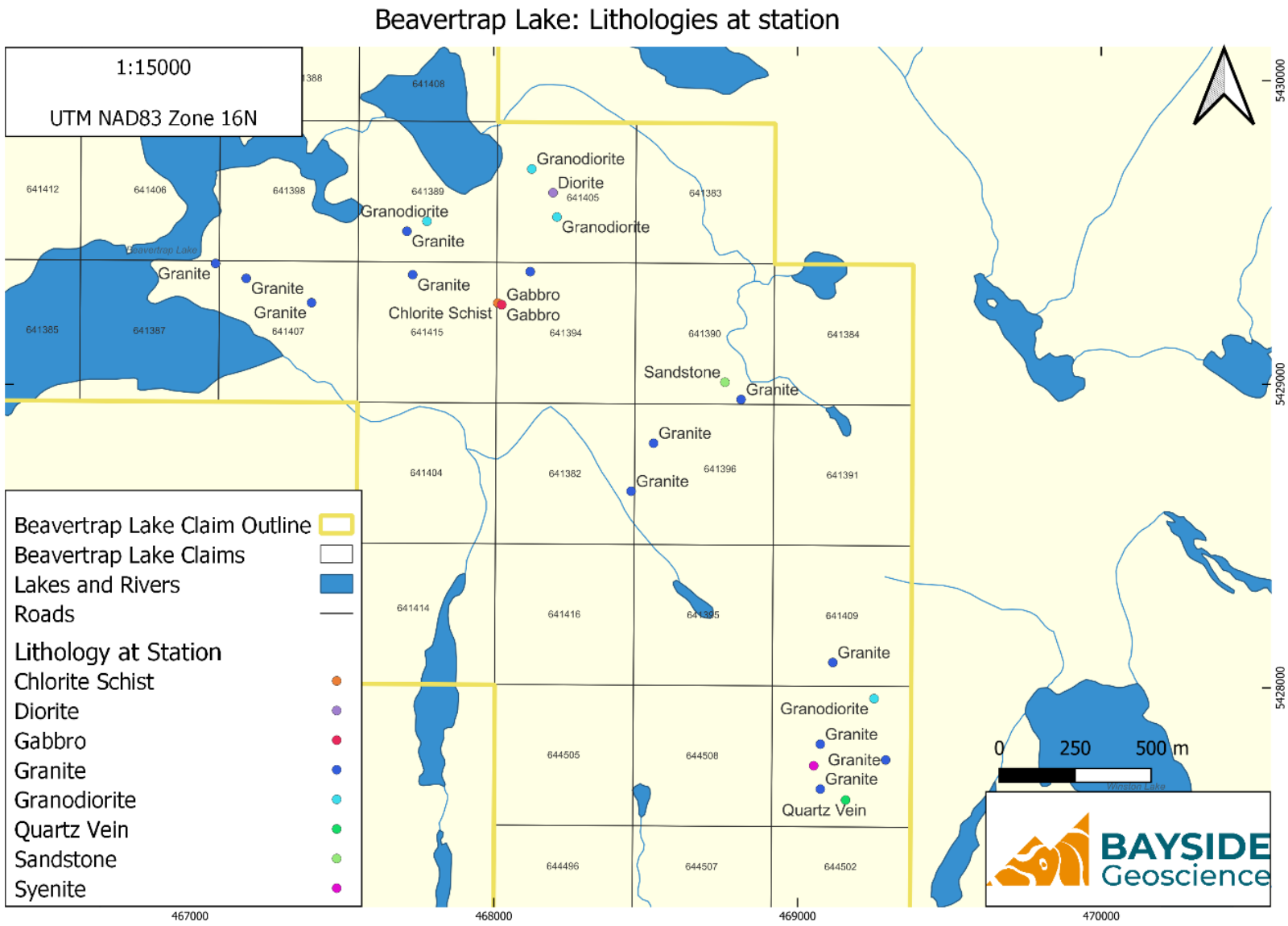

Figure 8: Lithologies observed during the 2022 program.

Conclusions and Recommendations

The Beavertrap property overlies magnetic anomalies similar to those of the nearby Pick Lake-Winston Lake Zn mines. The field investigations carried out in 2021 and 2022 have concluded that the source of the magnetic anomalies on the Beavertrap property are magnetic granites both in the north and the south along with some magnetic gabbro in the north. No volcanic rocks were observed that could be related to the VMS system at Winston Lake – Pick Lake. Sampling resulted in anomalous Cu from 2 samples of Gabbro and one Chlorite Schist. These values, though anomalous, are not worthy of follow up work. Given the results of this program no further work is recommended on the Beavertrap property.

Expenditures

Table 5: Expenditures on the Beavertrap Lake Project

Expenditure Type	Cost/Unit	Units	Total	Double Prospecting Credits
Geologist in Training	$750.00	9	$6,750.00	$13,500.00
Field Assistant	$525.00	4	$2,100.00	$4,200.00
Field Assistant	$500.00	4	$2,000.00	$4,000.00
Management Fee	$200.00	1	$200.00	$200.00
Truck Rental	$100.00	3	$300.00	$300.00
Helicopter Costs	$6,980.00	1	$6,980.00	$6,980.00
Field Supplies	$166.00	1	$166.00	$166.00
Lodging	$649.95	1	$649.95	$649.95
Meals	$60.00	8	$480.00	$480.00
Assays	$51.20	19	$972.80	$972.80
Report Writing	$4,000.00	1	$4,000.00	$4,000.00
Mobilization	$1,685.00	1	$1,685.00	$1,685.00
Fuel	$117.73	1	$117.73	$117.73
		Total	**$26,401.48**	**$37,251.48**

Table 6: Assessment Credit Allocation

Cell ID	Grab Sample Count	Sample Analysis Costs	Mapping Station Count	Proportion of Stations/Cell	Labour/Fixed Costs	Total Cost/Cell
641387	0	$0.00	1	2.94%	$1,067.02	$1,067.02
641407	0	$0.00	2	5.88%	$2,134.04	$2,134.04
641389	1	$51.20	2	5.88%	$2,134.04	$2,185.24
641405	3	$153.60	3	8.82%	$3,201.06	$3,354.66
641415	0	$0.00	1	2.94%	$1,067.02	$1,067.02
641394	5	$256.00	5	14.71%	$5,335.10	$5,591.10
641390	2	$102.40	2	5.88%	$2,134.04	$2,236.44
641382	1	$51.20	1	2.94%	$1,067.02	$1,118.22
641396	1	$51.20	1	2.94%	$1,067.02	$1,118.22
641409	1	$51.20	1	2.94%	$1,067.02	$1,118.22
644514	5	$256.00	6	17.65%	$6,402.12	$6,658.12
644534	0	$0.00	1	2.94%	$1,067.02	$1,067.02
644518	0	$0.00	3	8.82%	$3,201.06	$3,201.06
644525	0	$0.00	2	5.88%	$2,134.04	$2,134.04
644651	0	$0.00	1	2.94%	$1,067.02	$1,067.02
644652	0	$0.00	2	5.88%	$2,134.04	$2,134.04
Total	**19**	**$972.80**	**34**	**100.00%**	**$36,278.68**	**$37,251.48**

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 12 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 Beavertrap Lake Property as described in this report.

Dated
March 2nd, 2023
Thunder Bay, Ontario, Canada

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

References

East Sullivan Mines Limited (1950). Geological report submitted for assessment credit Regional Geologist's Files, Thunder Bay, Ontario.

Gagnon, D., Abzalov, M., Gravel, A-F, Frost, D., Parent, J., Dougherty, C., Madarajah, G., deGagne, R.C., and Kalenchuck, K. (2021). Superior Zinc and Copper Project, NI 43-101 Technical Report - Feasibility Study. 2021 NI 43-101. DRA Global for Metallum Resources.

Hancox J., and Schneider G. (2013). Phase 1 Desktop Assessment. Environmental Report-Township of Schreiber, Ontario. Report No. 12-1152-0026 (4002), APM-REP 06144-0034, 54p.

Huss, L. (2014). Report on Geological Mapping Prospecting Programs, Pick Lake Project. Golden Share Mining Corporation Assessment Report. 96p.

Lodge, R.W.D. (2012) Winston Lake and Manitouwadge revisited: modern views of two volcanogenic massive sulphide (VMS)-endowed greenstone belts. A field trip guidebook; Ontario Geological Survey, Open File Report 6282, 34p.

Pye, E. G. (1964). Mineral Deposits of the Big Duck Lake Area. Ontario Department of Mines Geological Report 27, 61p.

Sanders T.S.J. (1984). Report of Work Geophysical Surveys Ansell Lake Property. Flint Rock Mines Limited Assessment Report, 34p.

Sanders T.S.J (1985). Report of Work Weisner Lake Property. Flint Rock Mines Limited Assessment Report. 21p.

Severin, P.W.A., Balint, F. and Sim, R. (1991). Geological Setting of the Winston Lake Massive Sulphide Deposit. Mineral Deposits in the Western Superior Province, Ontario Field Trip 9. Geological Survey of Canada, Open File Report 2164, 58-73p.

Statistics Canada. (2022). Canadian Climate Normals 1971-2000 Station Data. https://climate.weather.gc.ca/climate_normals/results_e.html?searchType=stnNme&txtStationName=Terrace+Bay&searchMethod=contains&txtCentralLatMin0&txtCentralLatSec=0&txtCentralLongMin=0&txtCentralLongSec=0&stnID=40&dispBack=1

Williams, H.H., Stott, G.M., Heather, K.B., Muir, T.L., and Sage, R.P. (1991). Wawa Subprovince: introduction; in Geology of Ontario, Ontario Geological Survey, Special Volume 4, Part 1, p. 485 – 539.

Appendix A: Claim Details

Claim ID	Claim Type	Expiry Date	Holder	Township/Area
641382	SCMC	2023-03-09	(100) Fulcrum Metals (Canada) Ltd.	Rope Lake Area
641383	SCMC	2023-03-09	(100) Fulcrum Metals (Canada) Ltd.	Rope Lake Area
641384	SCMC	2023-03-09	(100) Fulcrum Metals (Canada) Ltd.	Rope Lake Area
641385	SCMC	2023-03-09	(100) Fulcrum Metals (Canada) Ltd.	Rope Lake Area
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641399	SCMC	2023-03-09	(100) Fulcrum Metals (Canada) Ltd.	Rope Lake Area
641400	SCMC	2023-03-09	(100) Fulcrum Metals (Canada) Ltd.	Rope Lake Area
641401	SCMC	2023-03-09	(100) Fulcrum Metals (Canada) Ltd.	Rope Lake Area
641402	SCMC	2023-03-09	(100) Fulcrum Metals (Canada) Ltd.	Rope Lake Area
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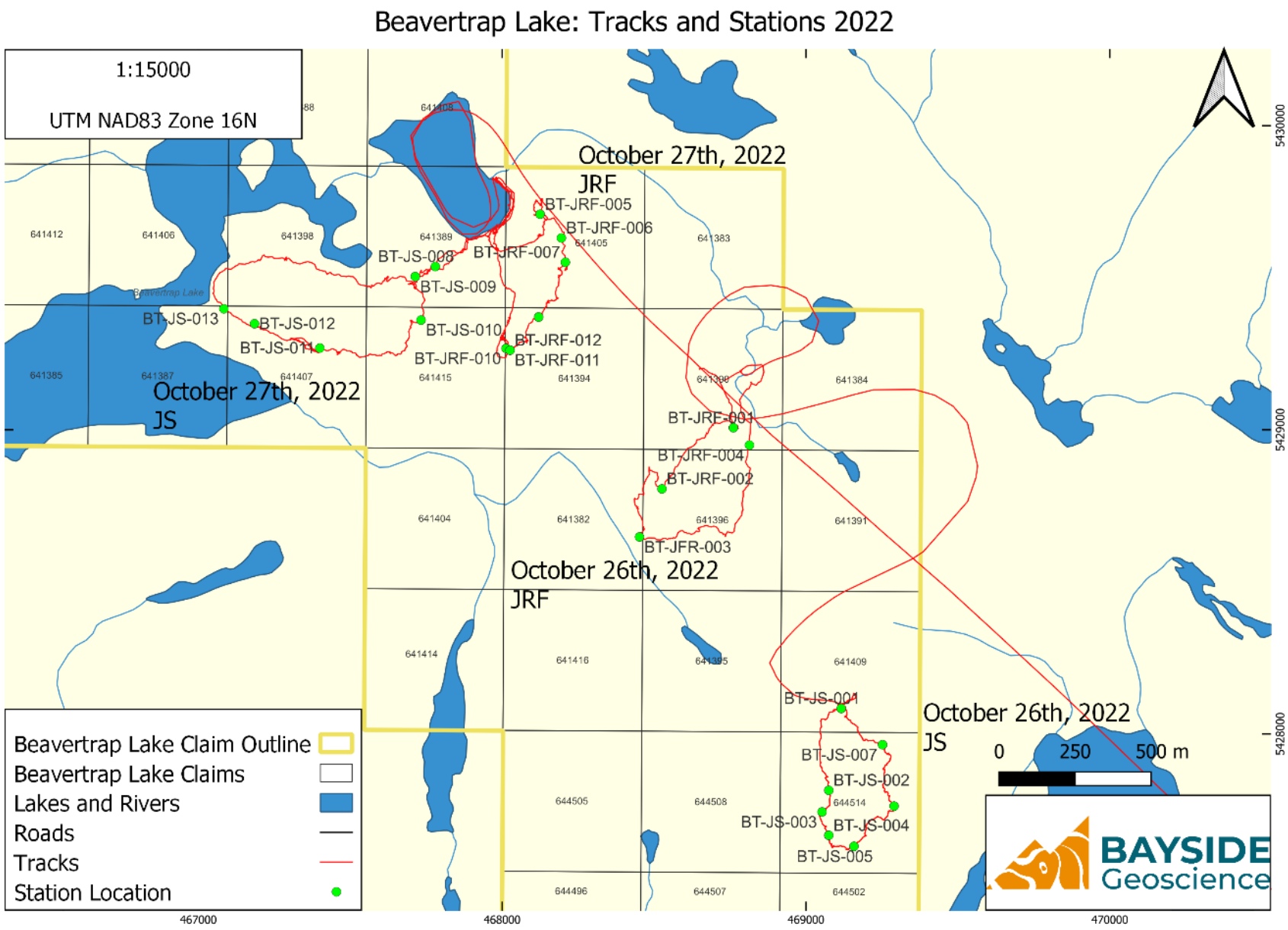
Appendix B: Maps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BT-JS-008
BT-JS-009
BT-JS-013
BT-JS-012
BT-JS-011
BT-JS-010
BT-JRF-012
BT-JRF-011
BT-JRF-010
October 27th, 2022
JS
BT-JRF-001
BT-JRF-004
BT-JRF-002
BT-JFR-003
October 26th, 2022
JRF
BT-JS-001
BT-JS-007
BT-JS-002
BT-JS-003
BT-JS-004
BT-JS-005
October 26th, 2022
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500 m
Beavertrap Lake Claim Outline
Beavertrap Lake Claims
Lakes and Rivers
Roads
Tracks
Station Location
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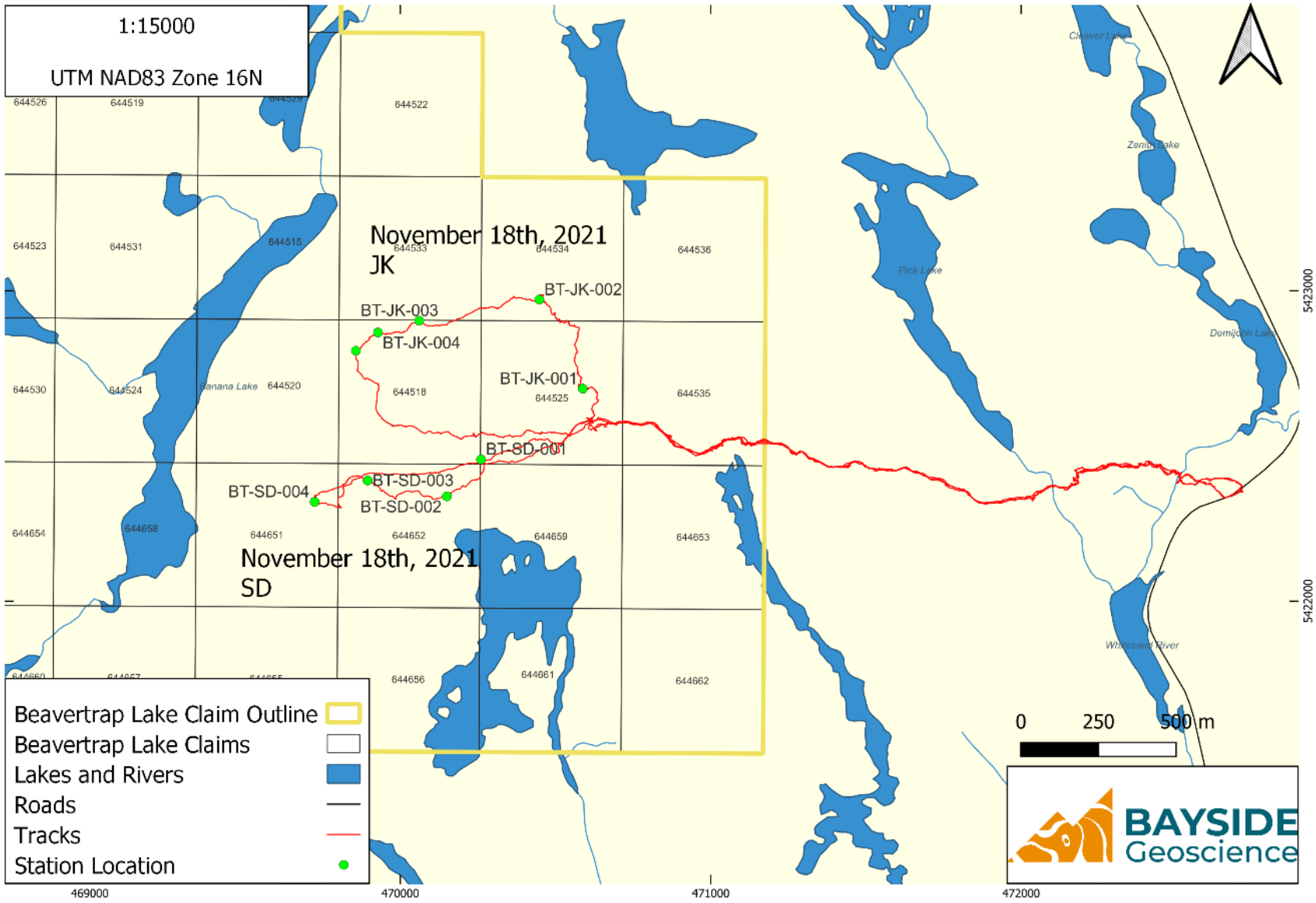
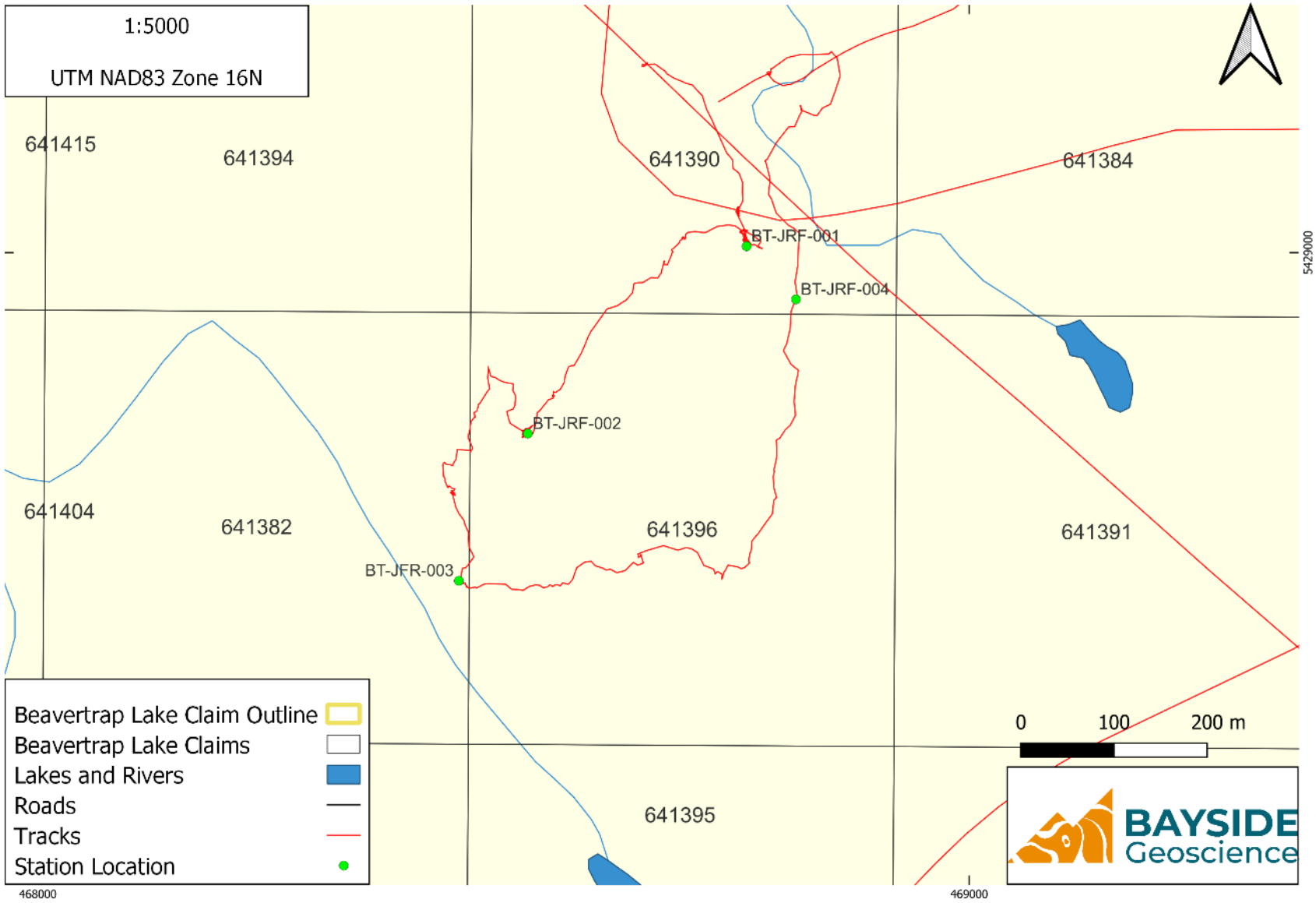
Beavertrap Lake: Tracks and Stations 2021

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BT-JRF-004
BT-JRF-002
BT-JFR-003
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468000
469000
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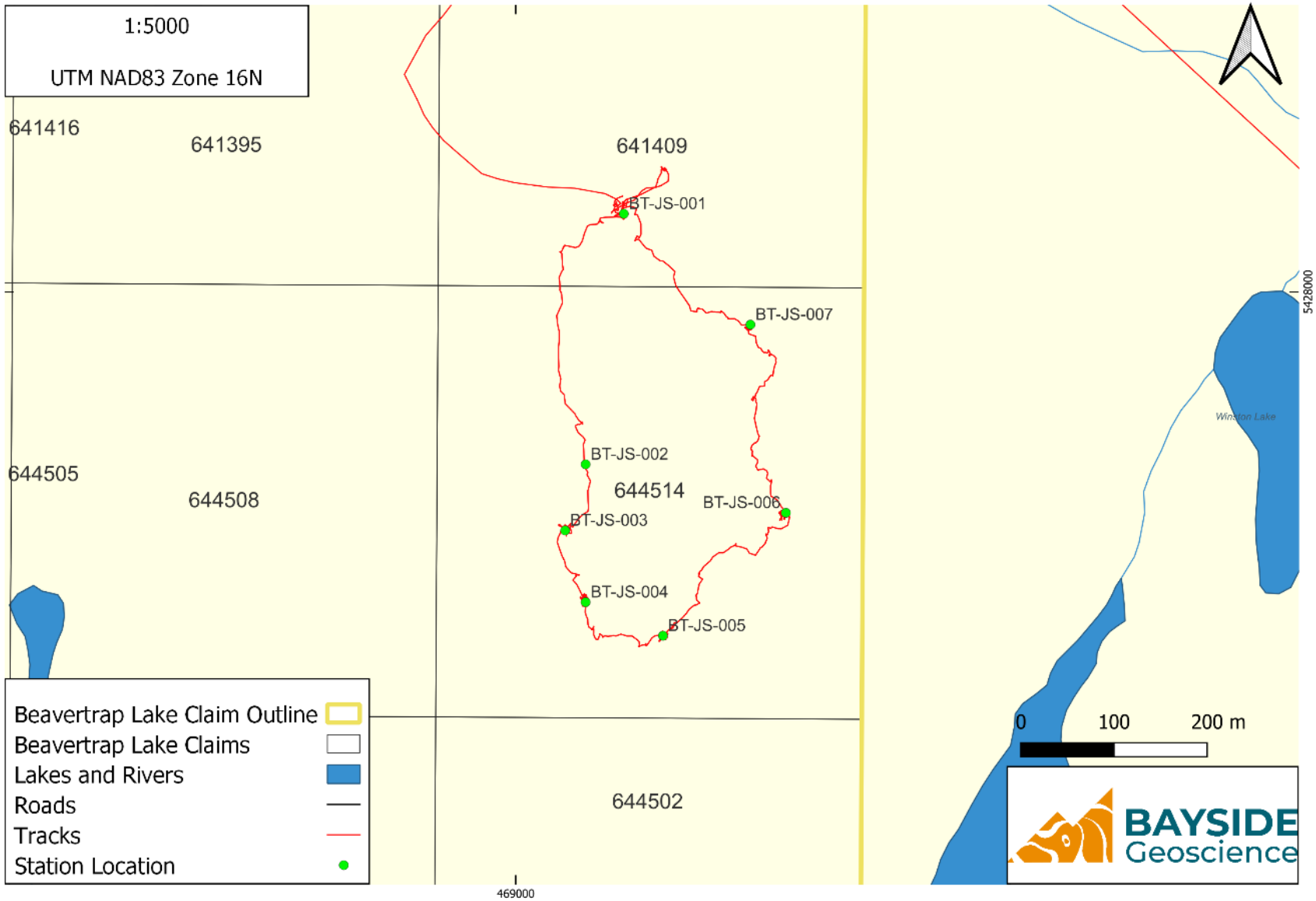
Beavertrap Lake Claim Outline
Beavertrap Lake Claims
Lakes and Rivers
Roads
Tracks
Station Location
BAYSIDE
Geoscience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BT-JS-003
BT-JS-004
BT-JS-005
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Beavertrap Lake Claims
Lakes and Rivers
Roads
Tracks
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Winston Lake
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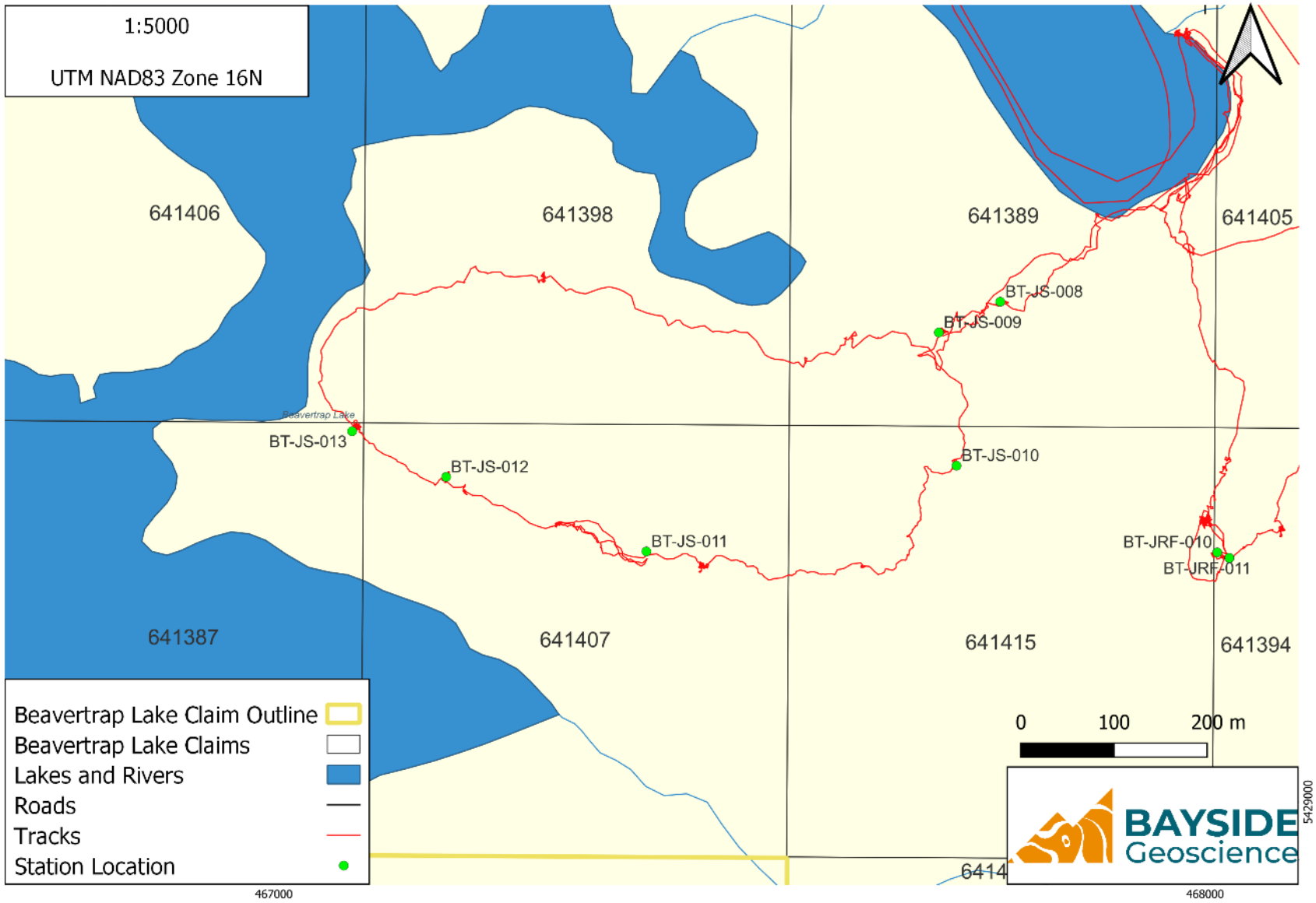
200 m
BAYSIDE
Geoscience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BT-JS-013
BT-JS-012
BT-JS-010
BT-JS-011
BT-JRF-010
BT-JRF-011
Beavertrap Lake Claim Outline
Beavertrap Lake Claims
Lakes and Rivers
Roads
Tracks
Station Location
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200 m
BAYSIDE Geoscience
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468000
5429000

Appendix C: Daily Work Logs

Personnel	Date	Details	Samples
Jesse K/Simon D/Adam D/Cam M	18-Nov-21	**Location**: Beavertrap Lake South **Objective**: Identify and sample features responsible for magnetic high. **Notes**: Magnetic granite and diorite located, sampled. 2 day rates charged due to 16 hour day with travel	N/A
Joe/Jules	26-Oct-22	**Location**: Beavertrap Lake **Objective**: Identify and sample features responsible for magnetic high. **Notes**: Magnetic and non-magnetic massive-gneissic granites found with the odd pegmatitic dyke and quartz vein.	1101721 - 1101726
Jeremie/Cameron	26-Oct-22	**Location**: Beavertrap Lake **Objective**: Identify and sample features responsible for magnetic high. **Notes**: Abundant magnetic and non-magnetic gneissic-massive granites. Magnetic anomaly most likely due to magnetite.	1101751 - 1101754
Joe/Jules	27-Oct-22	**Location**: Beavertrap Lake **Objective**: Identify and sample features responsible for magnetic high. **Notes**: Magnetic and non-magnetic massive-gneissic granites found with the odd pegmatitic dyke and quartz vein. Some chloritized gneissic bands.	1101727
Jeremie/Cameron	27-Oct-22	**Location**: Beavertrap Lake **Objective**: Identify and sample features responsible for magnetic high. **Notes**: Abundant magnetic and non-magnetic gneissic-massive granites. Magnetic anomaly most likely due to magnetite. Mineralized and intensely veined mafic volcanic unit found. Could not be followed.	1101755 - 1101762

Appendix D: Station Descriptions

Station ID	Sample_ID	Easting	Northing	Elevation	Sampler	Date	Sample Medium	Lithology	Notes
BT-SD-001		470260	5422457	453	SD	2021-11-18	Outcrop	Diorite	Spotted pink, white and dark green, mg-cg, massive to slightly foliated granite to diorite. Sample is composed of quartz, feldspar (40-80%) and biotite, chlorite, epidote and magnetite (20-60%). Weak to moderate chlorite/epidote alteration, weak hematite alteration. Patchy slightly magnetic
BT-SD-002		470150	5422338	445	SD	2021-11-18	Outcrop	Granite	Spotted pink, white and dark green, mg-cg, massive to slightly foliated granite to diorite. Sample is composed of quartz, feldspar (40-90%) and biotite, chlorite, epidote and magnetite (10-60%). Moderate to strong chlorite/epidote alteration is patchy (up to 60%). Hematite alteration is weak and pervasive. In some fragments, there is a 2cm wide epidote vein that is non-magnetite. Patchy slightly magnetic in less altered zones.
BT-SD-003		469895	5422389	434	SD	2021-11-18	Outcrop	Granite	Spotted pink, white and dark green, mg-cg, massive to slightly foliated granite to diorite. Sample is composed of quartz, feldspar (50-60%) and biotite, chlorite and magnetite (40-50%). Moderate to strong chlorite/epidote alteration is patchy. Patchy, weakly magnetic.
BT-SD-004		469724	5422320	481	SD	2021-11-18	Outcrop	Granite	Spotted white and dark green, mg-cg, massive to slightly folaited granite to diorite. Sample is composed of quartz, felspar (70-80%) and biotite, chlorite and magnetite (20-30%). Chlorite alteration is weak and patchy. Patchy strongly magnetitic.

Station ID	Sample_ID	Easting	Northing	Elevation	Sampler	Date	Sample Medium	Lithology	Notes
BT-JK-001		470588	5422685	449	JK	2021-11-18	Outcrop	Granite	North eastern edge of mag feature at the "horn". Medium red-beige and grey, mg, weakly fol/lineated Granite. Takes on almost gneissic appearence in places. Moderately magnetic in patches, often strongest proximal to mm scale hematite+/-epidote veinlets and stringers. No sulphide observed. As we moved west the lineation and foliation is variable but hard to define the possible controlling structures. Hem and EPI alt seems to be variable but no indication of what is controlling.
BT-JK-002		470448	5422972	460	JK	2021-11-18	Outcrop	Granite	Continue moving NNW to cover the "horn" feature. Walked through same rock type as previous. Granite composed of roughly 50% plag, 15% amphibole, 30% biotite and minor quartz.
BT-JK-003		470061	5422904	464	JK	2021-11-18	Outcrop	Granite	Now centered over mag high, at north end. Red-grey, mg granite with patchy weak mag. Stronger mag in places where foliation increases and takes on weak banded appearance. So oxides and no sulphide observed.
BT-JK-004		469928	5422866	462	JK	2021-11-18	Outcrop	Diorite	Continue moving west at the north end of the mag feature. Found a strongly magnetic Diorite hosting roughly 10% very fg magnetite, generally at the grain boundaries of the amph. Plag takes on a weak greenish hue due to wk to mod epidote+/-sericite alt.
BT-JK-005		469857	5422807	458	JK	2021-11-18	Outcrop	Granite	Another ridge running loosely E-W. Fg-mg, beige-yellow granite. Very little mafics, dominantly feldspar and quartz. Rock is massive with difuse or washed out grain boundaries. No suphide observed.

Station ID	Sample_ID	Easting	Northing	Elevation	Sampler	Date	Sample Medium	Lithology	Notes
BT-JS-001	1101721	469116	5428084	462	JS	2022-10-26	Outcrop	Granite	Next to drop off. Large block of pink granite with layers with stronger shear and biotite. Magnetize disseminated throughout the unit. No other mineralization observed. 20x20 m outcrop. Sampled.
BT-JS-002		469075	5427815	460	JS	2022-10-26	Outcrop	Granite	More granite. Only granite between here and 001. Thin layers of bt-mag. Pegmatitic in sections. Magnetic along thin bands.
BT-JS-003	1101722	469053	5427744	448	JS	2022-10-26	Outcrop	Syenite	Mg massive syenitic granite. Pink in color. Non magnetic. Composed of kspar, qtz, and chlorite in that order of quantity. 5 m tall cliff. No veins and no mind. Sampled.
BT-JS-004	1101723	469075	5427667	442	JS	2022-10-26	Outcrop	Granite	Granite outcrop with 15 cm wide mafic gneissic band composed of mostly chlorite. Quartz vein, pinch and swell from 10-1cm wide - sampled. Patchy ep associated within vein. No minz. No mag.
BT-JS-005	1101724	469158	5427631	449	JS	2022-10-26	Outcrop	Quartz Vein	2m wide bullish white quartz vein intruding granite. Vein is snow white with occasional pink patches proximal to contact. Sodic alt more pervasive near ctc. Looks pale green-white. No minz. No mag.
BT-JS-006	1101725	469290	5427763	451	JS	2022-10-26	Outcrop	Granite	Bt rich gneissic granite. 10x10 oc. Coarse grained sections typically have more magnetite. No other mineralization. Sample taken.
BT-JS-007	1101726	469252	5427965	459	JS	2022-10-26	Outcrop	Granodiorite	White mg granodiorite. Weakly magnetic in spots. No minz. In ctc with pegmatite granite. Sampled.
BT-JS-008		467780	5429537	377	JS	2022-10-27	Outcrop	Granodiorite	Non magnetic quartz-biotite granodiorite. No minz. No kspar. Gneissic sections. Granite pegmatite dies cutting through unit. Top of mountain. Sampled with no tag. S1.
BT-JS-009	1101727	467714	5429504	334	JS	2022-10-27	Outcrop	Granite	Orange oxidized granite, speckled with bt. No mins and non magnetic. Sampled. Location at bottom of two hills.

Station ID	Sample_ID	Easting	Northing	Elevation	Sampler	Date	Sample Medium	Lithology	Notes
BT-JS-010		467733	5429361	360	JS	2022-10-27	Outcrop	Granite	Fg, grainy granite with patchy magnetism and strong bt alt. No minz. Sampled. S2.
BT-JS-011		467400	5429269	386	JS	2022-10-27	Outcrop	Granite	Gneissic granite with patchy magnetism.
BT-JS-012		467185	5429349	344	JS	2022-10-27	Outcrop	Granite	Pink granite with thin chlorite stringers. S3. No minz. No mag. Mostly kspar amd quartz.
BT-JS-013		467084	5429398	316	JS	2022-10-27	Outcrop	Granite	Pink, white, Grey rock composed of mostly kspar and quartz with minor chlorite and magnetite. Trace diss py. S4. Found on 4 meter cliff face near bottom of hill.
BT-JRF-001	1101751	468761	5429007	418	JRF	2022-10-26	Outcrop	Sandstone	Mesocratic Banded possibly gneissic with quartz biotite and biotite-pyrite bands. Highly oxidized fracture planes. Sample located on the edge of a lowlying swamp and nearby granitic units.
BT-JRF-002	1101752	468526	5428806	448	JRF	2022-10-26	Outcrop	Granite	Massive granite composed largely of feldspar and quartz. Magnetite disseminated throughout the entire host rock. 3cm wide vein cross cuts unit and seema to have formed the sphalerite. Very magnetic
BT-JFR-003	1101753	468452	5428648	458	JRF	2022-10-26	Subcrop	Granite	Med grained granite bordering a coarse unit. No visible alteration. Light pink-red in colour. Disseminated magnetite throughout. Found at the peak of a hill.
BT-JRF-004	1101754	468814	5428950	408	JRF	2022-10-26	Outcrop	Granite	Albite pegmatite with graphic quartz. Biotite laths scatterws within. Sample found on outcrop in midd,e of muskeg. No prominent alteration or mineralization
BT-JRF-005	1101755	468125	5429709	405	JRF	2022-10-27	Outcrop	Granodiorite	Metamorphosed to a granitic gneiss with bands of qtz-kspar and bands of magnetits biotite. Found within mag high on the top of a cliff face.
BT-JRF-006	1101756	468195	5429631	412	JRF	2022-10-27	Subcrop	Diorite	Massive biotite rich gneiss with weak qtz bands. Highly oxidized sections focused within the biotite. Weakly magnetic within the dark bands most likely magnetite. Found within mag high on top of cliff

Station ID	Sample_ID	Easting	Northing	Elevation	Sampler	Date	Sample Medium	Lithology	Notes
BT-JRF-007	1101757	468208	5429551	423	JRF	2022-10-27	Outcrop	Granodiorite	Highly oxidized fracture planes. Pegmatitic unit bordering biotite gneiss. Coarse grained bleached feldspars with subvitreous quartz.
BT-JRF-008	1101758	468120	5429371	429	JRF	2022-10-27	Subcrop	Granite	Carbonate and albite rich pegmatite. Disseminated magnetite causing spotty magnetism. VERY coarse grained. Found within a low area between two hills. Spotty hematite staining. Slight iron oxidation
BT-JRF-009	1101759	468120	5429371	429	JRF	2022-10-27	Outcrop	Granite	Alteration most likely came from low grade metamorphism. Rock comprised of weakly banded biotite and kspar. Biotite also disseminated. 70% kspar. On ridge of previous sample.
BT-JRF-010	1101760	468013	5429268	392	JRF	2022-10-27	Subcrop	Chlorite Schist	Schist nearly gneissic composed of 90% Biotite and 10% felsic material. Small bands of pyrits parallel to foliation. Found near gneissic granites and on a hillside under fallen tree roots
BT-JRF-011	1101761	468026	5429262	400	JRF	2022-10-27	Outcrop	Gabbro	Gabbro cross cut by quartz veins, some portions smokey. Highly magnetic. Mineralization and chlorite strongly controlled by veining. Found near biotite schist and granite gneiss.
BT-JRF-012	1101762	468026	5429262	400	JRF	2022-10-27	Outcrop	Gabbro	Same as previous sample. Weakly chloritized and mineralized due to veining. Highly magnetic.

Station ID	Sample_ID	Structure						Alteration						Mineralogy								
		1			2			1			2			1			2			3		
		Type	Azimuth	Dip	Type	Azimuth	Dip	Type	Intensity	Style	Type	Intensity	Style	Type	Percent	Style	Type	Percent	Style	Type	Percent	Style
BT-SD-001																						
BT-SD-002																						
BT-SD-003																						
BT-SD-004																						
BT-JK-001																						
BT-JK-002																						
BT-JK-003																						
BT-JK-004																						
BT-JK-005																						
BT-JS-001	1101721	Foliation	10	10										Magnetite	3	Disseminated						
BT-JS-002		Foliation	310					Biotite	Moderate	Banded				Magnetite	5	Banded						
BT-JS-003	1101722							Chlorite	Weak	Massive	Pottasium	Strong	Pervassive									
BT-JS-004	1101723	Vein	340	40	Foliation	328	30	Epidote	Weak	Patchy												
BT-JS-005	1101724	Vein	325	80				Pottasium	Weak	Patchy												
BT-JS-006	1101725	Foliation	260	85				Biotite	Moderate	Banded	Chlorite	Weak	Banded	Magnetite	2	Disseminated						
BT-JS-007	1101726	Foliation	100	80				Biotite	Weak	Patchy				Magnetite	1	Disseminated						
BT-JS-008								Biotite	Strong	Pervassive												
BT-JS-009	1101727							Biotite	Weak	Patchy												
BT-JS-010								Biotite	Strong	Pervassive	Pottasium	Weak	Patchy									
BT-JS-011																						
BT-JS-012				0				Chlorite	Weak	Veins	Pottasium	Moderate	Patchy									
BT-JS-013								Pottasium	Strong	Pervassive	Chlorite	Weak	Patchy	Pyrite	1	Disseminated	Magnetite	3	Disseminated			
BT-JRF-001	1101751	Bedding	127			0								Pyrite	1	Disseminated						
BT-JRF-002	1101752	Vein	121	70										Magnetite	5	Disseminated	Sphalerite	1	Vein			
BT-JFR-003	1101753													Magnetite	6	Disseminated	Sphalerite	1	Disseminated			
BT-JRF-004	1101754														0							
BT-JRF-005	1101755													Magnetite	3	Disseminated						
BT-JRF-006	1101756																					
BT-JRF-007	1101757																					
BT-JRF-008	1101758													Magnetite	1	Disseminated						
BT-JRF-009	1101759							Pottasium	Strong	Massive					0							
BT-JRF-010	1101760													Pyrite	3	Banded						
BT-JRF-011	1101761	Vein	178	80				Chlorite	Weak	Fracture Controlled				Chalcopyrite	1	Disseminated	Pyrite	3	Disseminated	Magnetite	3	Disseminated
BT-JRF-012	1101762	Vein	178	80				Chlorite	Weak	Fracture Controlled				Chalcopyrite	2	Disseminated	Pyrite	2	Disseminated	Magnetite	3	Disseminated

Appendix E: Assay Certificates

Quality Analysis ... *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**

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 Accrédité CCN TM

LabID: 266

CERTIFIED BY:

Elitsa Hrischeva, Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

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**

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 Accrédité CCN TM

LabID: 673

CERTIFIED BY:

Elitsa Hrischeva, Ph.D.
Quality Control Coordinator

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E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

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