

2019 EXPLORATION OF THE FCI PROPERTY, QUEBEC

NTS SHEETS:
[33G08/09, 33H12]

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1. PROGRAM OBJECTIVE(S) & SUMMARY

This report summarizes the 2019 exploration of the FCI Property (the “Property”) by Dahrouge Geological Consulting Ltd. (“Dahrouge Geological”), on behalf of O3 Mining Inc. (the “Company”). The Property, consisting of 111 claims totalling 5,687.34 ha, is located approximately 230 km east of Radisson and 240 km northeast of Nemaska, QC, and is located within approximately 10 km to south of the Trans Taiga Road and powerline infrastructure corridor. The Property is currently held under Option Agreement to Gaia Metals Corp. (formerly “92 Resources Corp.”) with O3 Mining the Operator.

The FCI Property is situated within the Guyer Group (wacke, iron formation, komatiite, tuffs, amphibolite) of the La Grande Greenstone Belt, which trends east-west through the region. The geologic setting is primarily prospective for gold, silver, base metals, and lithium over several potential deposit styles including orogenic gold, volcanogenic massive sulfide (VMS), and lithium pegmatite. In addition, Midland Exploration (TSX.v – MD) has recently recognized a magmatic-hydrothermal Cu-Au-Ag-Mo deposit style in the immediate region on its adjacent Mythril Property.

The 2019 exploration program consisted of a review of historical data and targetting followed by a seventeen (17) day field program, comprised of prospecting, rock sampling, and soil sampling, and was completed between July 5th and July 27th, 2019. The field program was based out of Mirage Adventure Lodge, QC, located at KM-358 on the Trans-Taiga Road, approximately 75 km northeast of the Property. A helicopter was used by the field crew to access the Property daily.

The primary objectives of the field program were to sample, expand upon, and rank the known historical prospects/showings, to discover new areas of mineralization, and to ensure adequate exploration expenditure was incurred to satisfy assessment. Gold, copper, and silver related occurrences were the focus of the program with lithium ($\pm$ tantalum) of secondary interest.

A total of 546 rock samples and 48 soil samples were collected over the course of the program. The field program resulted in the discovery of gold (West Golden Gap, New Lac Bruno), copper-gold-silver (Elsass, Lorraine, Black Forrest), and lithium-tantalum (CV5 through CV11) occurrences, as well as further understanding of known targets areas. Sample assay highlights of outcrop occurrences include: **3.63% Cu, 0.64 g/t Au, and 52.3 g/t Ag** (Elsass), **8.15% Cu, 1.33 g/t Au, and 171 g/t Ag** (Lorraine), **1.13% Cu, 0.05 g/t**

Au, and 19.5 g/t Ag (Black Forrest), 2.81 g/t Au (West Golden Gap), and 4.06% Li₂O and 564 ppm Ta₂O₅ (CV5).

Potentially the most significant discovery of the 2019 program is the mineralization identified at Elsass and Lorraine, along the extensive Maven Copper-Gold-Silver Exploration Trend. The core trend contains the new 2019 Lorraine, Elsass, and Black Forrest discoveries, as well as the historical Lac Smokycat-SO and Tyrone T-9 showings, collectively spanning a strike length of over 5 km. The overall trend remains relatively unexplored with historical work over the Property focusing on gold exploration further north.

Further work is recommended at Golden Gap, the Maven Trend, and Lac Bruno and includes a re-processing of historical IP-resistivity data using modern software as well as the collection of new data along the core Maven Trend. Additional prospecting and geological mapping over each area is recommended, along with potential trenching and channel sampling, for drill hole targeting. The primary focus of the next exploration program is recommended to be the core Maven Trend.

Additionally, the lithium pegmatite potential of the property has expanded significantly as a result of the 2019 program. With limited program focus, a total of seven (7) new lithium pegmatite occurrences were discovered, including several relatively large outcrops with strong and consistent mineralization. Dependent on market conditions and budget allocations, further prospecting, rock sampling, and mapping is recommended to refine targets ahead of initial drill testing.

This report on the FCI Property covers the period of September 2018 through October 2019, with exploration work expenditures totalling \$230,980.95, excluding taxes.

2. PROPERTY DESCRIPTION & LOCATION

The Property is located approximately 230 km east of Radisson and 240 km northeast of Nemaska, Quebec, and its northern border located within approximately 10 km to south of the Trans Taiga Road and powerline infrastructure corridor (Figure 1). The Property is comprised of a western claim block (83 claims totalling 4,253 ha) and an eastern claim block (28 claims totalling 1,434 ha), for a combined total of 111 claims and 5,687.34 ha, and is currently held under Option Agreement to Gaia Metals Corp. (formerly “92 Resources Corp.”) with O3 Mining the Operator. The eastern claim block includes one claim that is not contiguous to the main group.

The Property is situated on Category III Land within the Eeyou Istchee Cree Territory (Cree Nation of Chisasibi), as defined under the James Bay and Northern Quebec Agreement (JBNQA).

The Property location and claim position are presented in Figure 1, Figure 2, and Figure 3, with a claim listing presented in Appendix I.

2.1 ACCESS & INFRASTRUCTURE

There is no infrastructure located directly on the Property. However, the Property is situated proximal to the all-weather Trans-Taiga Road and regional hydro-electric powerline corridor which trends northeast-southwest through the area (Figure 1). The Property’s northern border is located within approximately 10 km to south of this infrastructure corridor.

For the 2019 program, the exploration was based out of Mirage Adventure Lodge, a regional outfitter located at KM-358 on the Trans-Taiga Road. The field crew mobilized to Mirage by truck from Val-d’Or, including an overnight stay at the KM-381 Roadstop on the James Bay Road. A helicopter was used by the field crew to access the Property daily from Mirage, with Panorama Helicopters of Alma, QC contracted to provide the helicopter services for the program. The weather was generally favourable during the program with a total of three (3) weather days over the 23-day period the program occurred within.

The Mirage Lodge is located approximately 75 km to the north-northeast of the FCI East claim block and provides accommodations, meals, bulk fuel (gas, diesel, JetA), as well as internet access (although may be slow and unreliable) making it a logical staging area for exploration of the Property. A regional ground

transportation company, Kepa Transport, provides weekly ground shipping services direct from Val-d'Or to Mirage and vice versa. A potential alternative seasonal camp (recently emplaced) is located at KM-194 on the Trans-Taiga Road and is about the same distance from the Property; however, Jet-A fuel must be positioned, and it is not clear if this camp will remain active past the 2019 field season.

Radisson, with a population of ~470 people, is the closest community accessible by road from Mirage, and is located approximately 240 km west of the Property and 310 km west of Mirage. Radisson is serviced regularly by scheduled flights through the adjacent La Grande 2 Airport and is the closest airport to the Property with regularly scheduled flights. The Cree community of Wemindji, with a population of ~1600, is located approximately 325 km west of the Property. Wemindji hosts a larger array of service providers to the region and is serviced by regularly scheduled flights. Both Radisson and Wemindji, as well as Mirage, are accessible by road with connection to the main provincial network. Therefore, any supplies not available in Radisson or Wemindji may be obtained from Val d'Or, located ~850 km south of Wemindji by road.

In addition to access by road from nearby communities, charter aircraft may be used to access the La Grande 3 (KM-100) and La Grande 4 (KM-292) airstrips located along the Trans-Taiga Road. However, as these airstrips primarily service Hydro-Québec, limited services are available, and authorization is required prior to their use. The La Grande 4 airstrip is located closest to the Property.

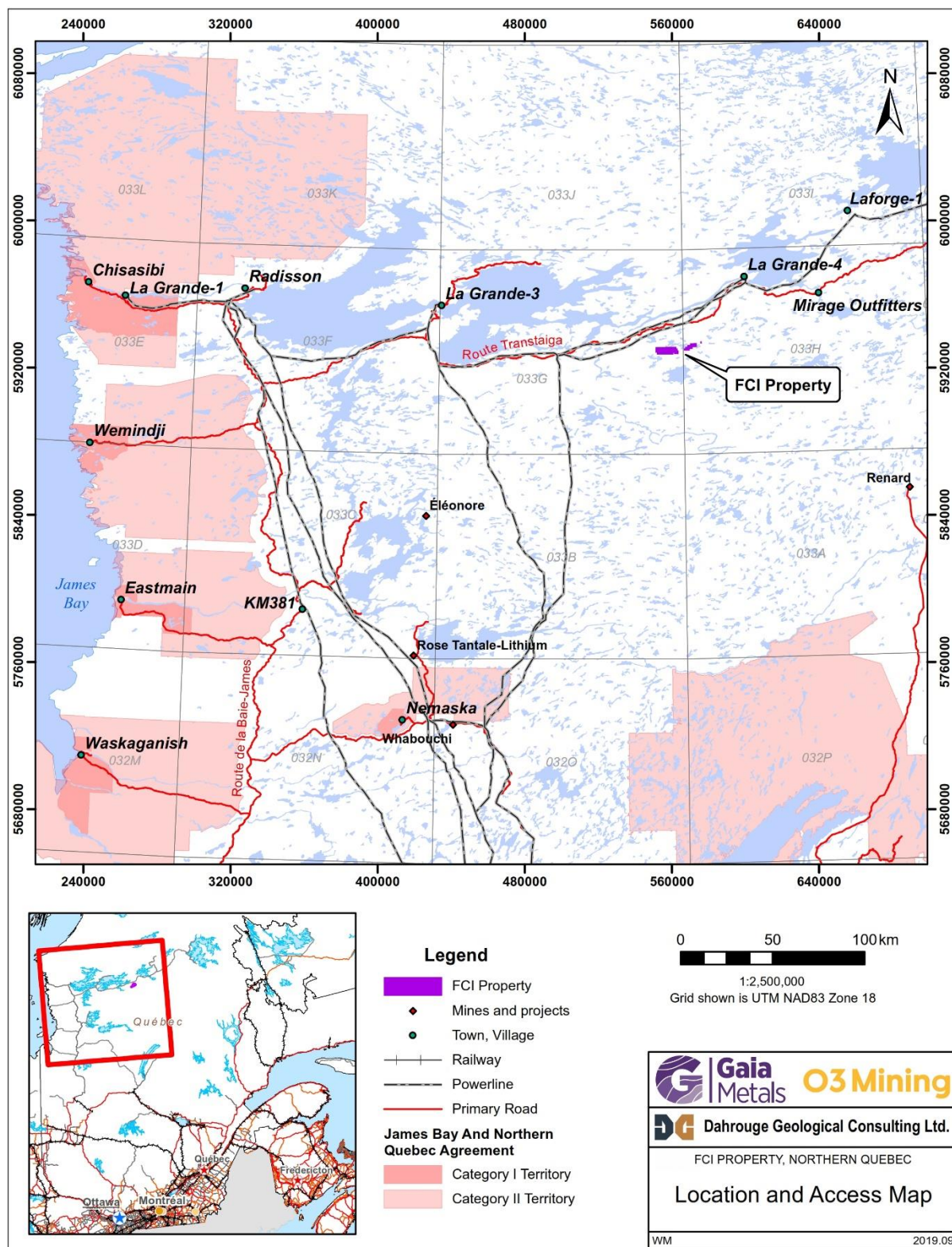


Figure 1: Property location

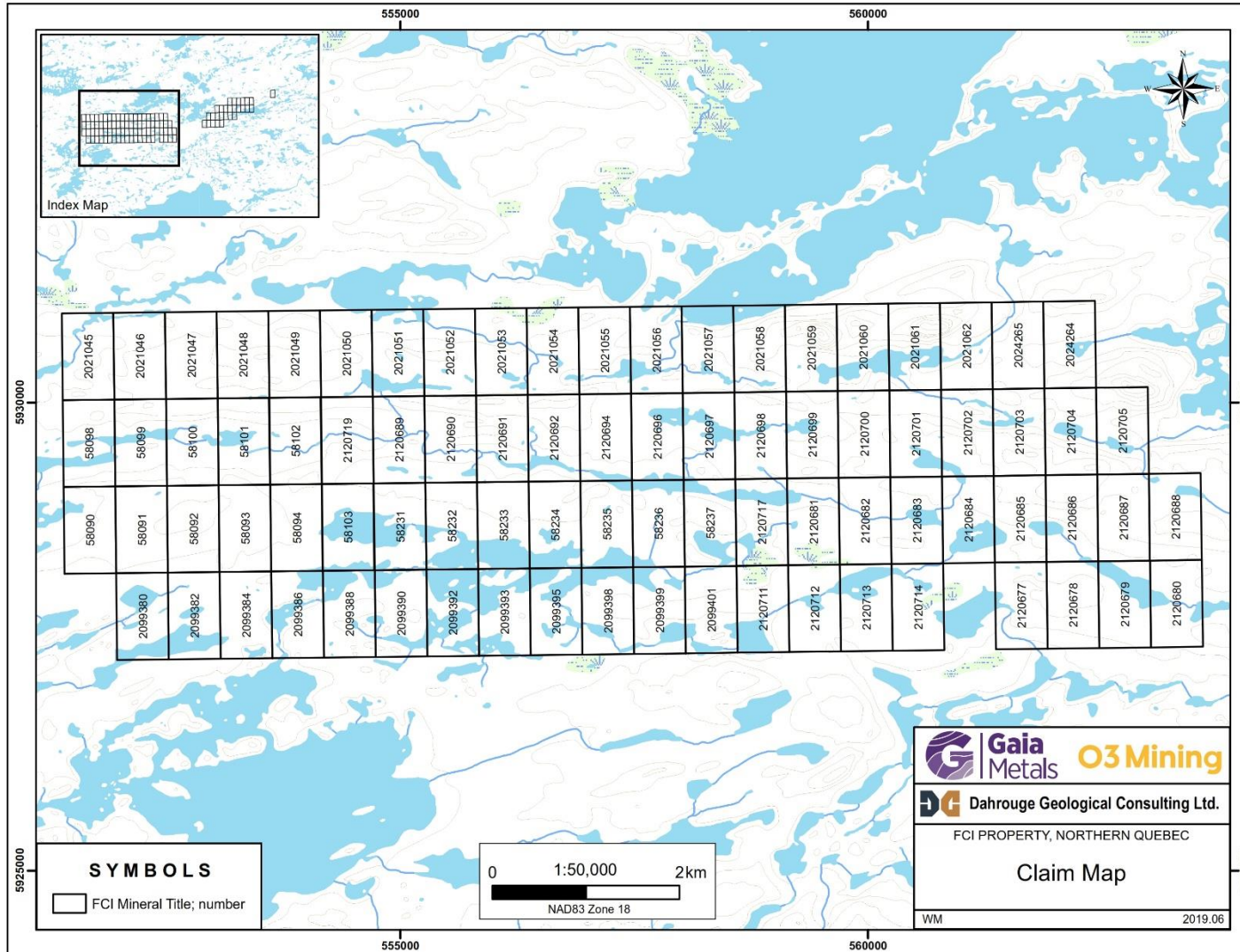


Figure 2: Property claims – FCI West

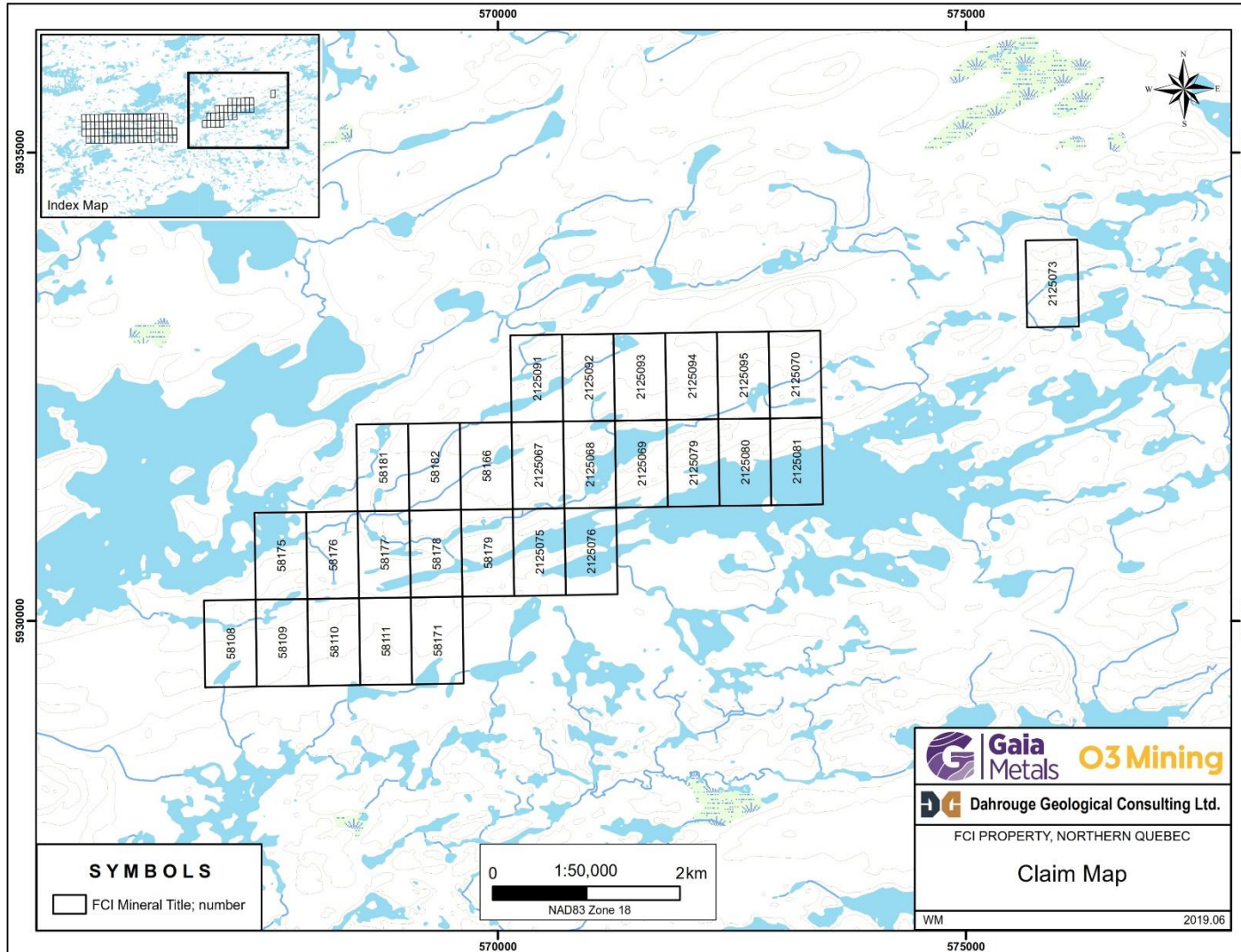


Figure 3: Property claims - FCI East

3. GEOLOGICAL SETTING

3.1 REGIONAL GEOLOGY

The FCI Property is situated within the Archean Superior Province of the Canadian Shield, which extends from Manitoba to Quebec and covers approximately 750,000 km² of Quebec. Within the region, the Superior Province is divided into four distinct subprovinces based on their lithological, metamorphic, geophysical, and structural characteristics; Opatica, Nemiscau, Opinaca, and La Grande (Figure 4). The Property is situated within the central portions of the volcano-plutonic La Grande Subprovince, proximal to the Opinaca Subprovince to the south. The region is considered to have strong exploration potential for a variety of commodities including base and precious metals, and lithium.

The La Grande Subprovince is a volcano-plutonic assemblage oriented parallel to the Wemindji-Caniapiscou structural corridor (Houle, 2004). It consists of two main domains (Percival, et al., 2012); the Eastmain River Belt (Upper and Lower) and the La Grande River Belt. The Property is situated within the La Grande River (Greenstone) Belt, characterized by a volcano-sedimentary sequence. This belt occupies the older, more evolved, northern domain (Houle, 2004; Percival, et al., 2012) and is comprised of two supracrustal volcanic sequences (2750-2730 Ma) and interstratified metasediments. The lower basalt sequence sits unconformably atop the Mesoarchean basement (3360-2790 Ma) and locally overlies U-bearing pebble conglomerate, quartz arenite and minor carbonate (Roscoe & Donaldson, 1988; Goutier & Dion, 2004). The upper sequence is a result of crustal assimilation by komatiitic liquids. It is made up of felsic to intermediate volcanics, komatiite, volcanoclastic rocks, and iron formation capped by basalt and high-Mg andesite. This is a typical assemblage, especially in the Guyer-LG4 sector (St-Seymour & Francis, 1988; Lucas & St-Onge, 1998).

The La Grande Subprovince borders the plutonic Bienville Subprovince to the north and is bounded to the south by the metasedimentary and plutonic Opinaca Subprovince (Lucas & St-Onge, 1998; Houle, 2004; Percival, 2007). Collectively, the La Grande and Opinaca subprovinces host a significant number of the known spodumene pegmatite occurrences in Quebec.

Regional metamorphism increases from greenschist facies in the centre of La Grande outwards to amphibolite facies in the north and southeast (Card, 1986; Houle, 2004). Steeply dipping structural trends

transition from E-W in the southwest to NE-SW within northern La Grande, most of which developed between 2700 and 2680 Ma (Percival, et al., 2012). A series of Proterozoic dykes, 2740-2680 Ma plutonic rocks, and the Paleoproterozoic Sakami Formation (siliciclastic infilled grabens) punctuates the Archean rocks (Houle, 2004; Percival, et al., 2012). Rich Ni-Cu occurrences, often with associated PGE and Cr, have also been found in komatiitic flows and ultramafic intrusions in the region (Houle, 2004).

3.2 PROPERTY GEOLOGY

The Property is situated within the Lac Guyer Greenstone Belt, considered part of the larger La Grande River Greenstone Belt (Figure 5). The Lac Guyer Belt is dominated by volcanic rocks metamorphosed to amphibolite facies. The claim block is dominantly underlain by the Guyer Group (basaltic amphibolite, iron formation) and the Corvette Formation (amphibolite of intermediate to mafic volcanics). Several occurrences of ultramafic rocks (peridotite and pyroxenite) as well as felsic volcanics (tuffs) are also mapped over areas of the Property. On the FCI West claim block, the basaltic amphibolite rocks that trend east-west through the region are bordered to the north by the Magin Formation (conglomerate and wacke) and to the south by an assemblage of tonalite, granodiorite, and diorite. Several regional-scale Proterozoic gabbroic dykes also cut through portions of the Property (Lac Spirt Dykes, Senneterre Dykes).

The geologic setting is primarily prospective for gold, silver, base metals, and lithium over several potential deposit styles including orogenic gold, volcanogenic massive sulfide (VMS), and lithium pegmatite. In addition, Midland Exploration (TSX.v – MD) has recently recognized a magmatic-hydrothermal Cu-Au-Ag-Mo deposit style in the immediate region on its adjacent Mythrill Property.

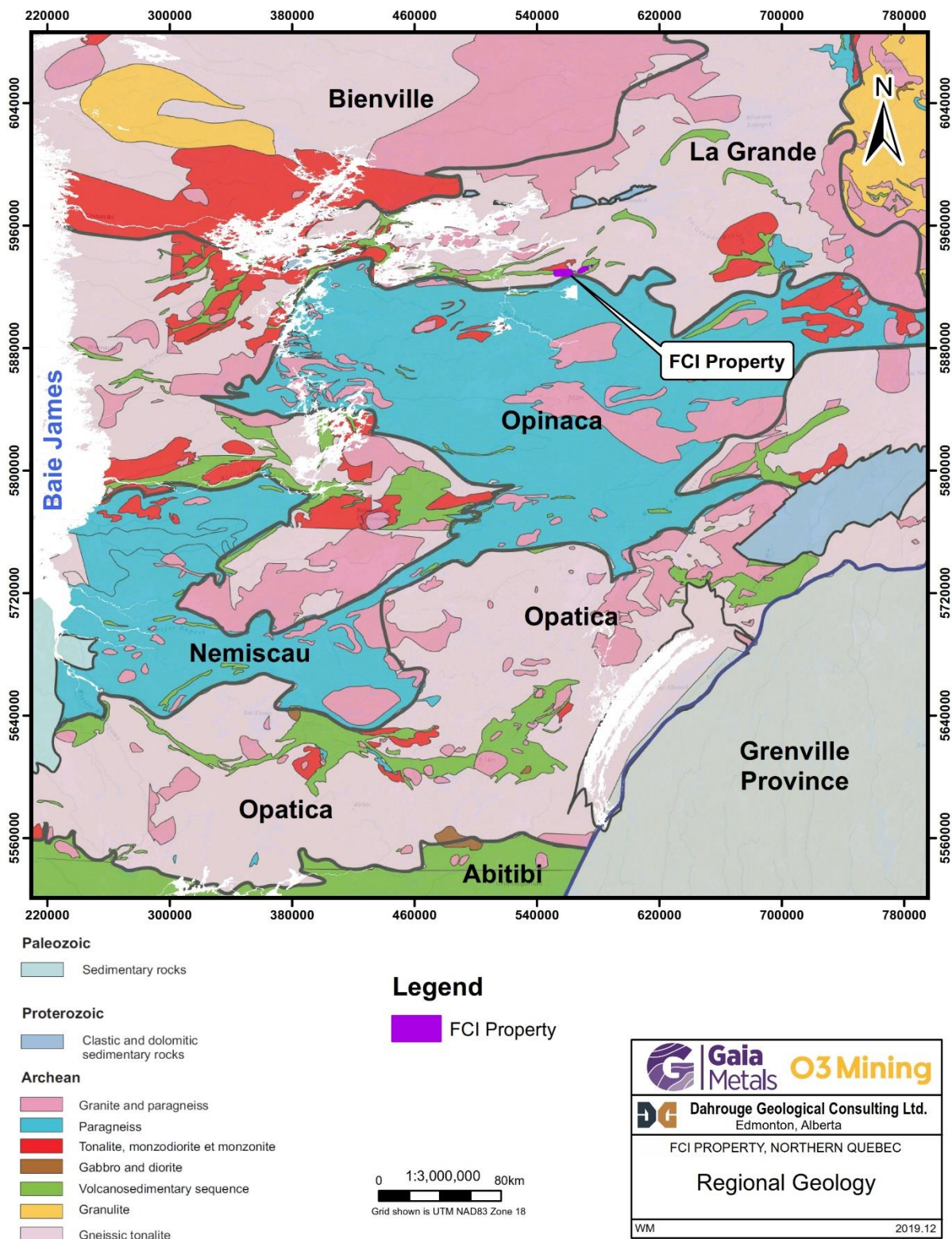


Figure 4: Regional geology



4. HISTORIC WORK

In 1959, Tyrone Mines Ltd. completed a work program, that overlapped the present-day FCI Property, and included reconnaissance prospecting and trenching (pit blasting). This work resulted in the discovery of the Tyrone-T9 Showing (trench sample of 1.15% Cu over 2.1 m) and Lac Smokycat-SO Showing (0.14% Cu, 4.8 g/t Ag, 0.05% Ni) located on the present-day FCI West claim block (Ekstrom, 1960 - GM10515). Since this time through to 1997, the Property area was subject to only limited exploration work, including various regional mapping surveys by the federal and provincial governments as well as airborne magnetic and electromagnetic surveys. An NI 43-101 Technical Report completed in 2014 by Virginia Gold Mines ("Virginia") and their Option partner at the time, Komet Resources Inc., provides a good summary of the exploration over the area through 2013 (Quellette & Vachon, 2014 - GM68359). A brief summary follows.

In 1997, Virginia acquired an extensive land position in the region (Félicie – Corvet Ouest – Island Lake properties – collectively "FCI"), which overlapped the present-day FCI Property. The focus was base and precious metals and led to the discovery of the Golden Gap Showing (up to 32.7 g/t Au) as well as two copper-zinc showings (Bambic, 1997). As part of the field work in 1997 and 1998, Virginia resampled the historical Tyrone Mines trenches, as well as completed geological mapping, prospecting, and rock-till-soil sampling on the property. In 2000, the Sericite Showing was discovered (1.89% Cu, 0.3 g/t Au, 150 g/t Ag, and 1.45% Zn) and in 2001 the first drill holes on the Property were completed, targeting the Golden Gap Showing.

The property was Optioned several times in subsequent years with additional groundwork completed each time, including further drilling, prospecting, mapping, soil sampling, as well as ground magnetic and IP surveys which overlapped the Property to various extents (Archer & Oswald, 2008 - GM63675) (Archer & Oswald, 2008b - GM63695) (Roy & Archer, 2010 - GM65536) (Quellette & Vachon, 2014 - GM68359). The drill programs included holes at the Sericite Showing (302 m over 2 holes), the Lac Bruno boulder field (391 m over 3 holes), as well as additional drill holes at Golden Gap (combined total of 5,267 m over 24 holes). The best historical drill result from the present-day FCI Property is from Golden Gap with 10.48 g/t Au over 7 m returned in 2007 (drill hole FCI-07-003).

In recent years, the Property was flown with high-resolution magnetics by the Ministère de l'Énergie et des Ressources naturelles (MERN) over the course of a multi-year campaign, covering a large area of the

James Bay Region (D'Amours, 2011 - DP 2011-08). The survey was flown at a spacing of 250 m with tie lines at 2.5 km and provides a strong base dataset of magnetics over the entire Property.

In 2015, Virginia merged with Osisko Gold Royalties. During a subsequent restructuring, the FCI Property was transferred to a newly established entity called Osisko Exploration James Bay, held by Osisko Mining Inc. In 2019, Osisko Mining Inc. spun-out some of its assets into a new company called O3 Mining Inc., which currently holds the mineral rights to Property as of the date of this report.

The primary historical showings are presented below in Figure 6 and Figure 7.

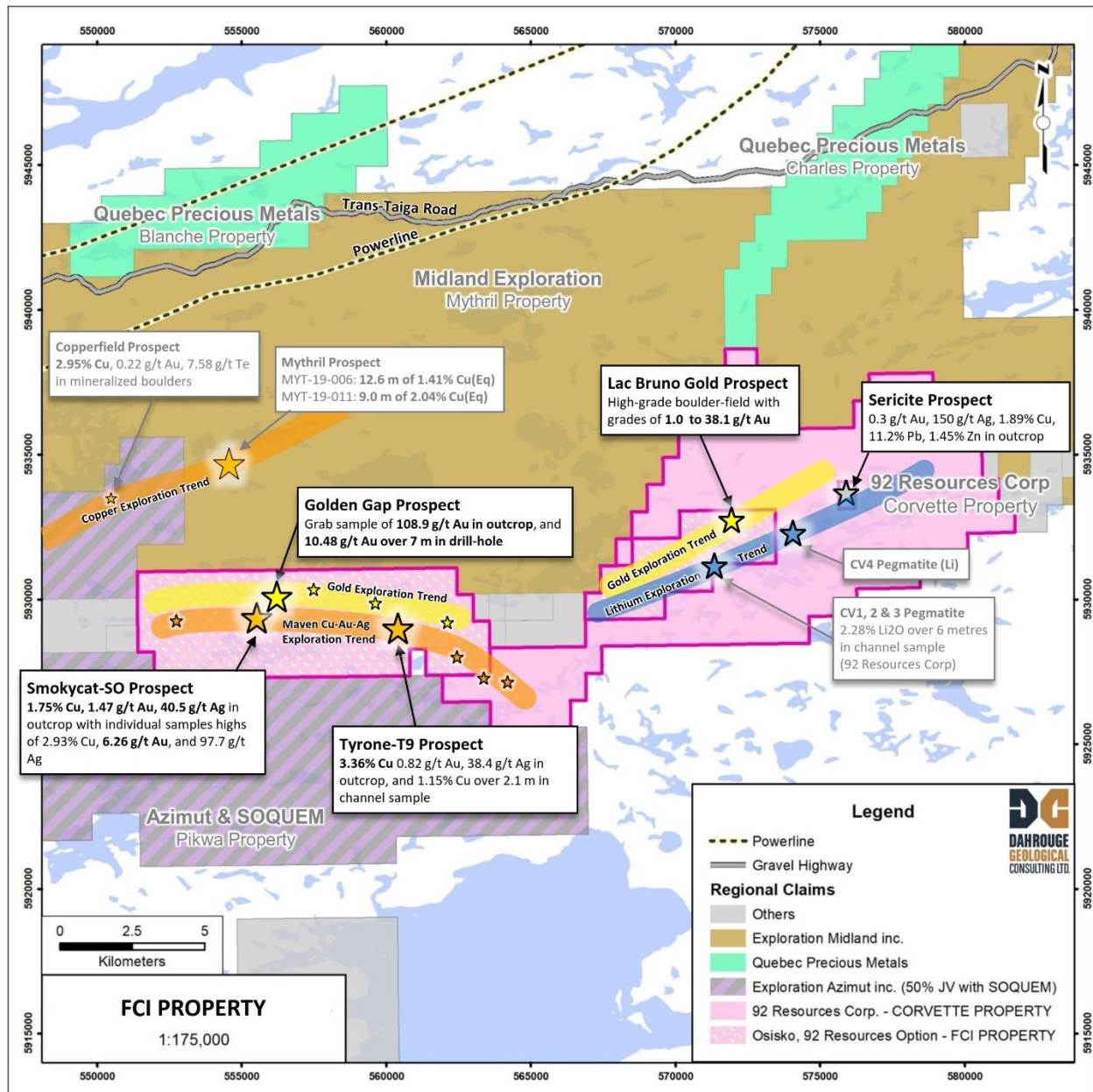


Figure 6: Primary historical prospects/showings

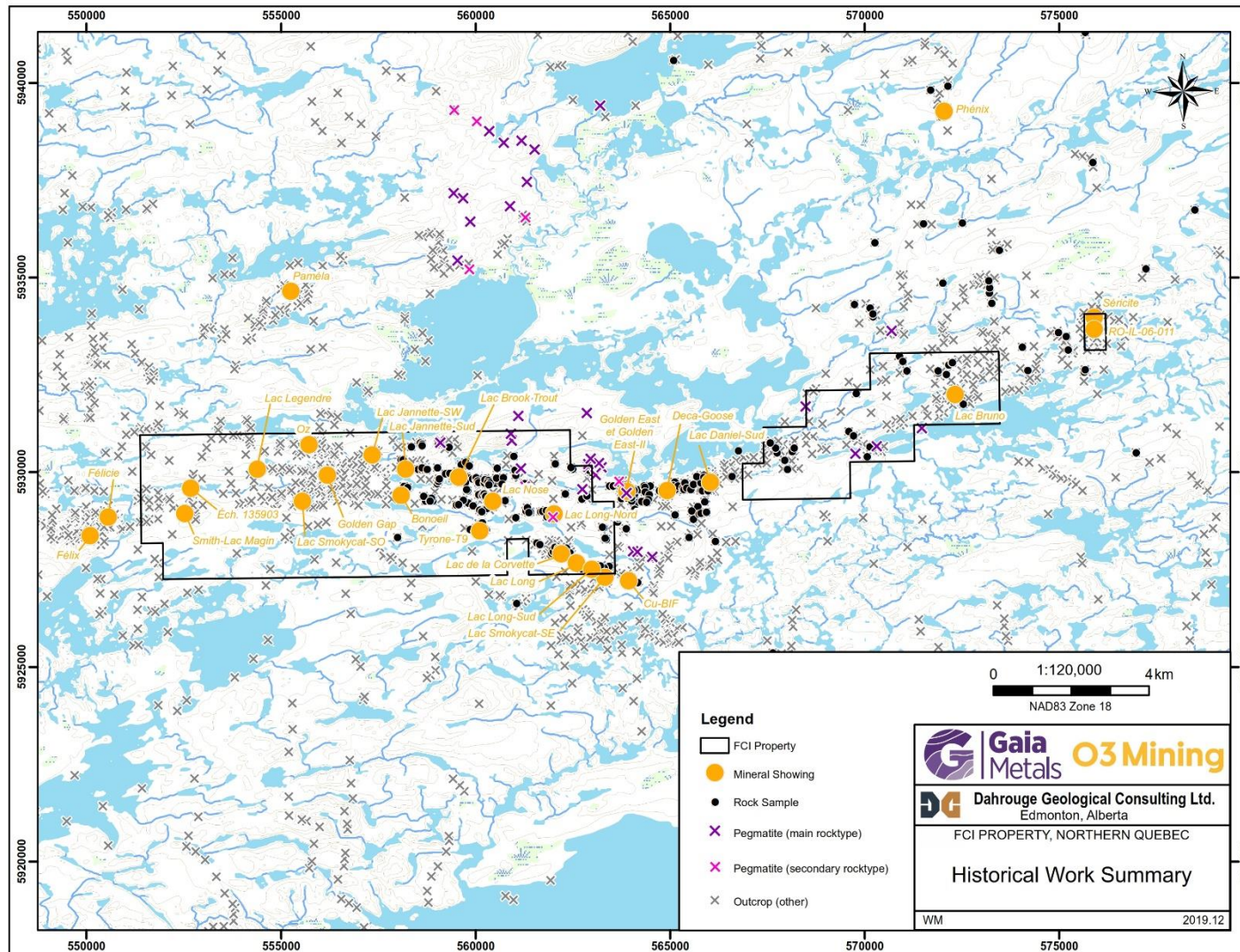


Figure 7: Historical work summary (SIGEOM database)

5. 2019 EXPLORATION SUMMARY

The 2019 field exploration of the FCI Property was completed by a crew of four persons over seventeen (17) days between July 5th and July 27th, 2019 (23-day period), not including travel. The work program included prospecting of historical showings and prospects (e.g. Golden Gap, Lac Bruno, Tyrone T9, etc.) as well as completion of a soil sampling grid extending northeast of the Lac Bruno boulder field. Dahrouge Geological Consulting Ltd. was contracted to carry out the program with field operations managed out of Quebec.

The field program was completed concurrently to the directly adjacent Corvette Property field program of Gaia Metals Corp. (formerly “92 Resources Corp”), which was also managed by Dahrouge Geological. The FCI Property is currently held under Option Agreement to Gaia Metals Corp. with O3 Mining the Operator.

The field program was primarily guided by exploration potential based on a review of historical data, including evaluation of known targets as well as new areas of interest considered prospective. Traverse coverage was also guided by assessment expenditure requirements. Both aspects were merged as best practical over the course of the program. Overall, the field program was very successful with several significant discoveries made which are discussed in further detail in the sections that follow.

A total of 546 rock samples and 48 soil samples were collected over the course of the program. All samples collected, as well as quartz blanks and certified reference materials (OREAS 504b for Au-Cu-Ag, and OREAS 752 for Li), were sent to ALS Canada Ltd. (“ALS Canada”) in Val-d’Or for multi-element analysis, including lithium, by four-acid digestion with ICP-MS finish (package ME-ICP61) and gold analysis by fire assay with ICP-AES finish (package Au-ICP21). Over limits for copper, zinc, silver, and lithium were determined by the applicable ore-grade four-acid package – Cu-OG62, Zn-OG62, Ag-OG62, and Li-OG63, respectively. Over limits for gold were determined by fire assay with gravimetric finish (Au-GRA21). Pegmatite samples were also analyzed for tantalum by lithium borate fusion with ICP-MS finish (package ME-MS85). Analysis of soil samples included multi-element by aqua regia digestion with ICP-MS finish (package ME-MS41L) and gold by fire assay with ICP-AES finish (package Au-ICP21).

A summary evaluation of existing showings/prospects, as well as new discoveries, is presented in the following sections. Rock sample locations and traverses are presented below in Figure 8 through Figure 14, and a summary of analytical results is presented in Figure 15.

The 2019 prospecting rock sample locations and descriptions, and corresponding analytical certificates, are presented in Appendix II and III. Soil sample locations and corresponding analytical certificates are presented in Appendix IV and V.

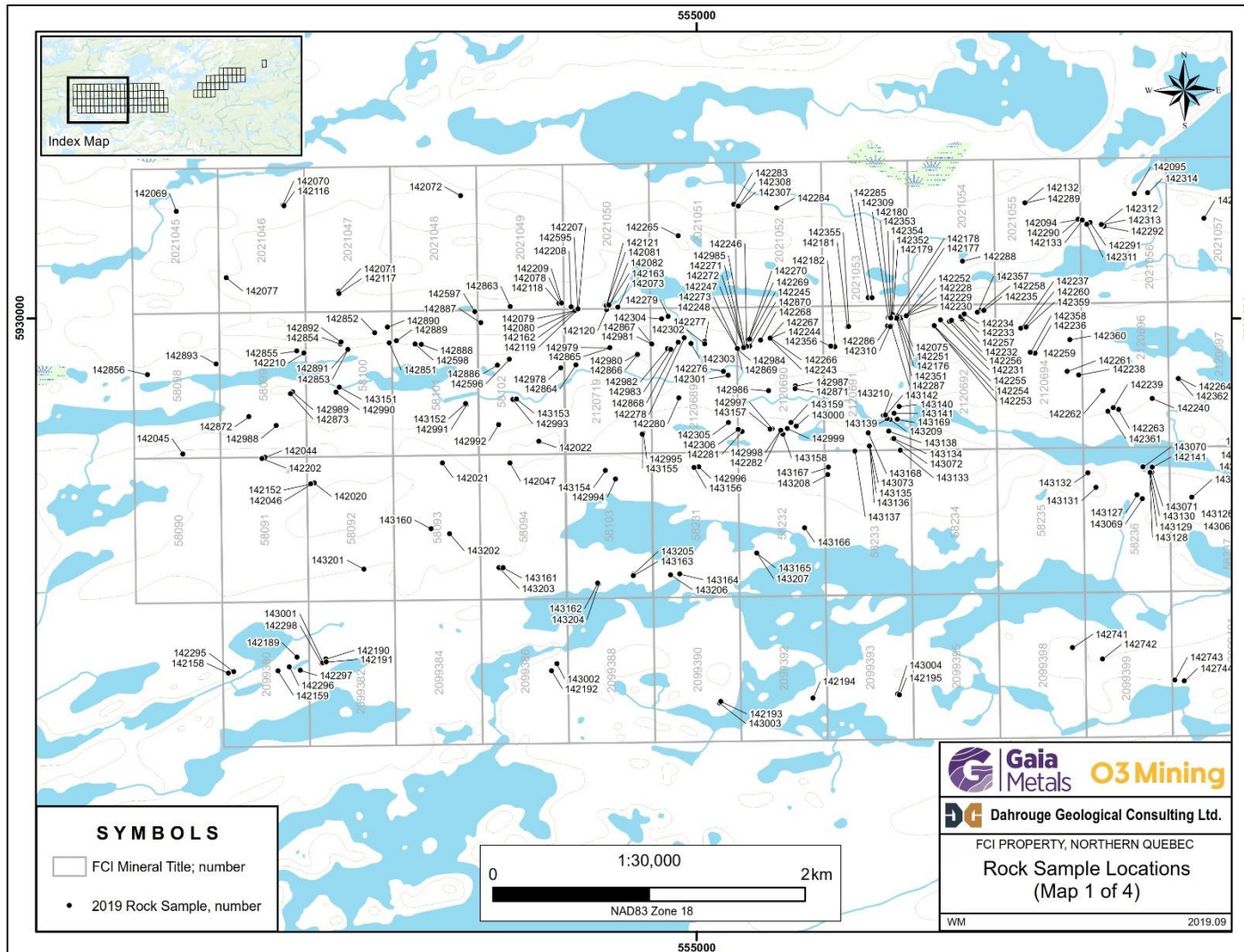


Figure 8: 2019 rock sample locations – FCI West (1 of 2)

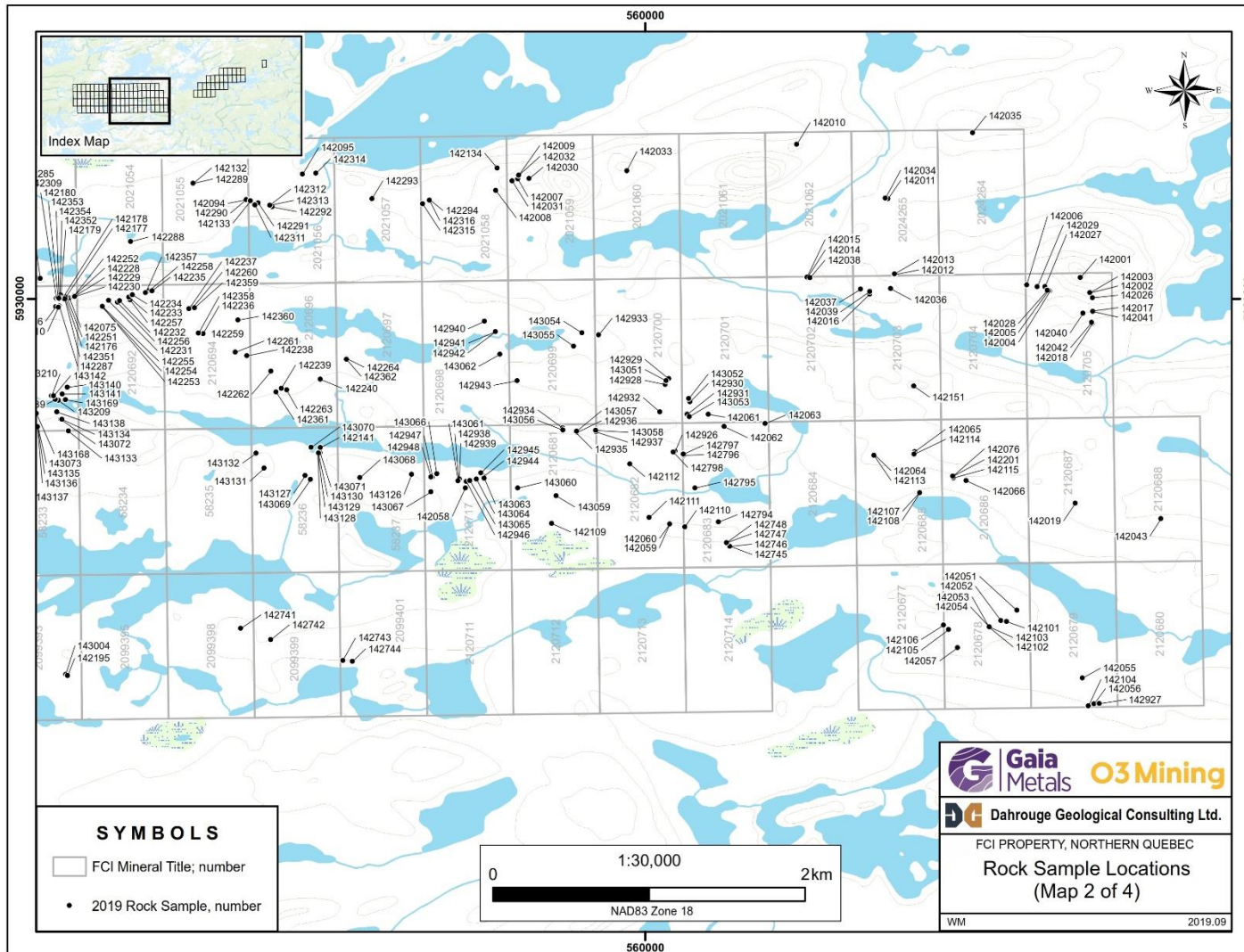
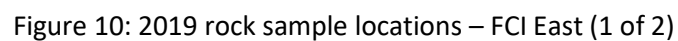


Figure 9: 2019 rock sample locations – FCI West (2 of 2)



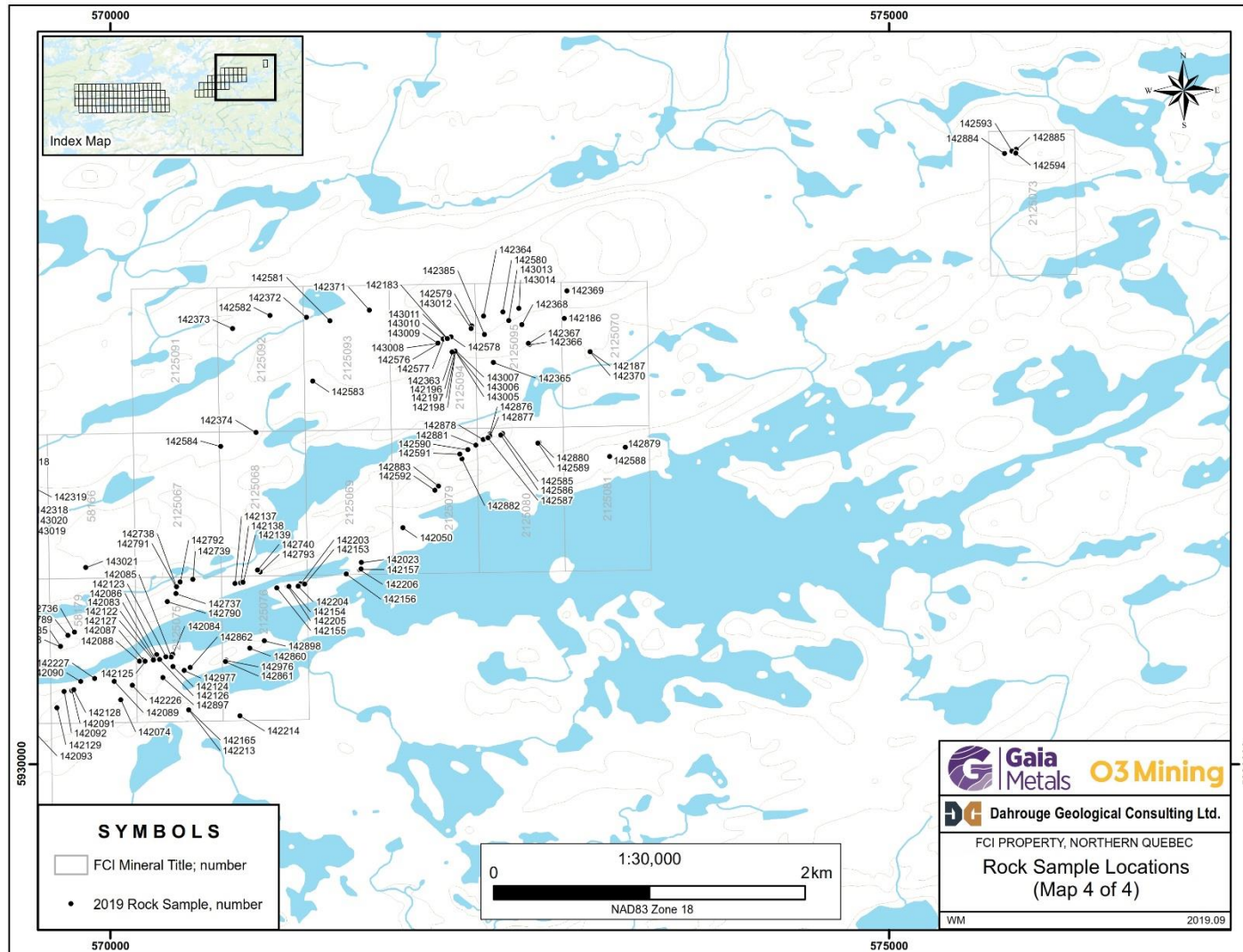


Figure 11: 2019 rock sample locations – FCI East (2 of 2)

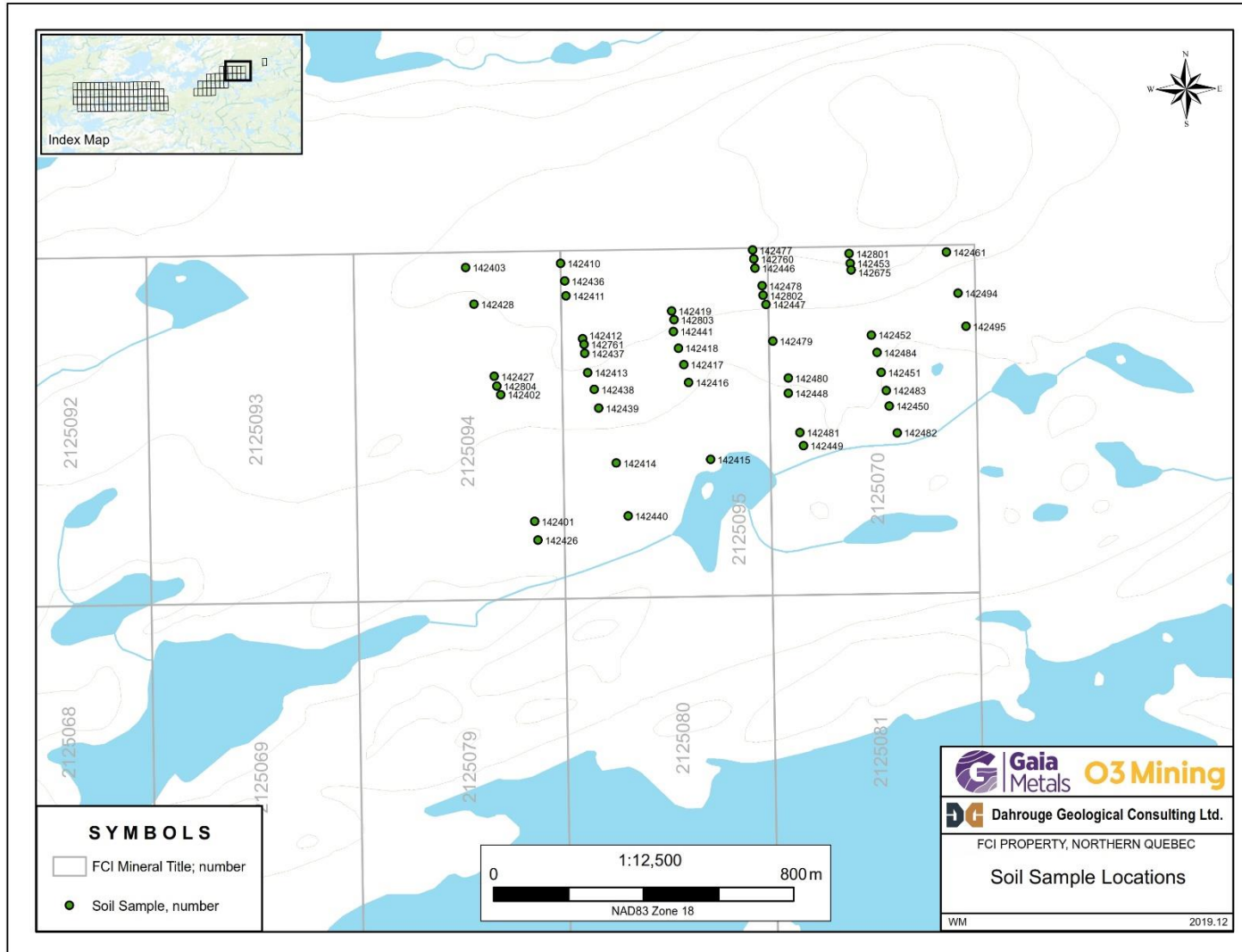


Figure 12: 2019 Soil sample locations

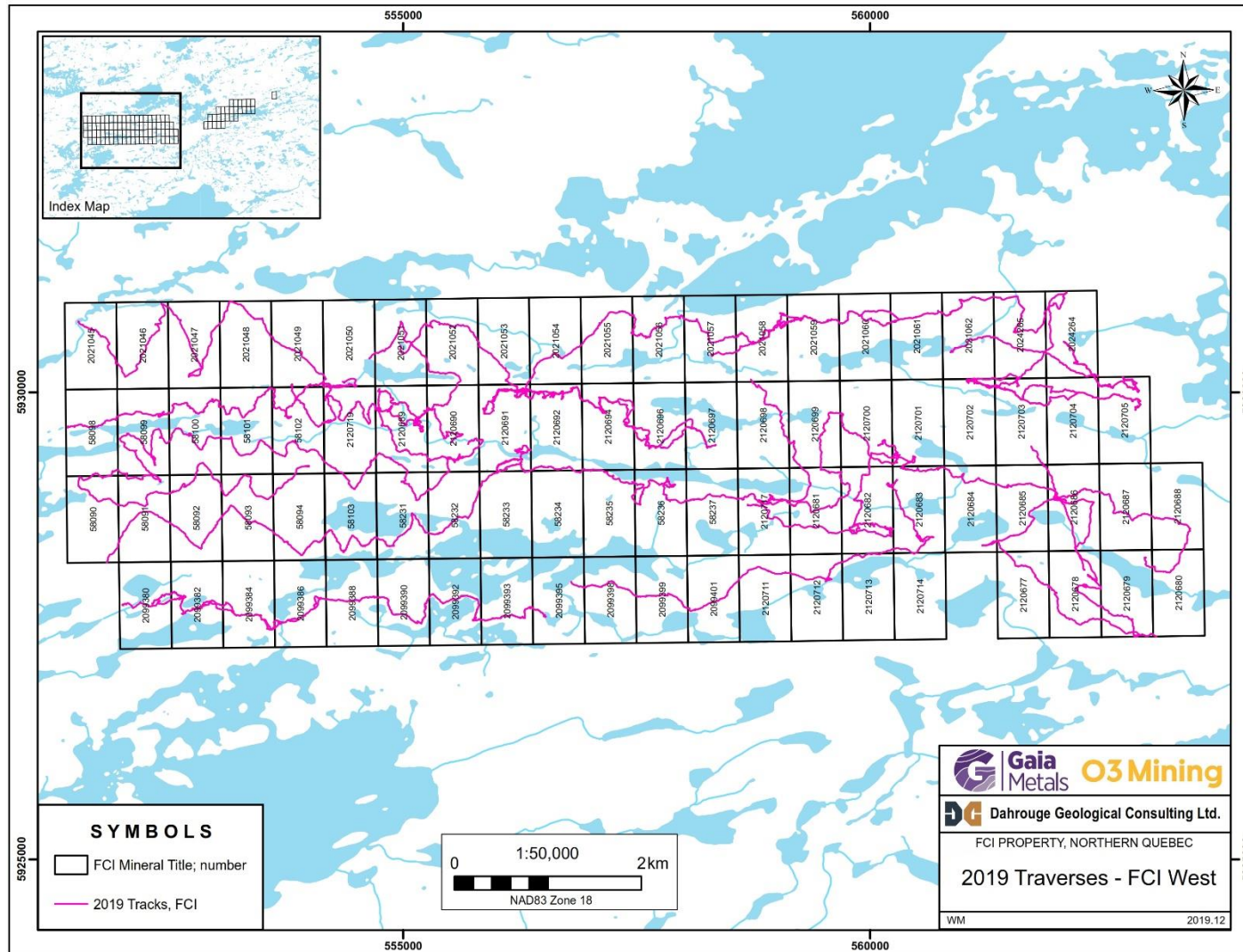


Figure 13: 2019 ground traverses (FCI West)

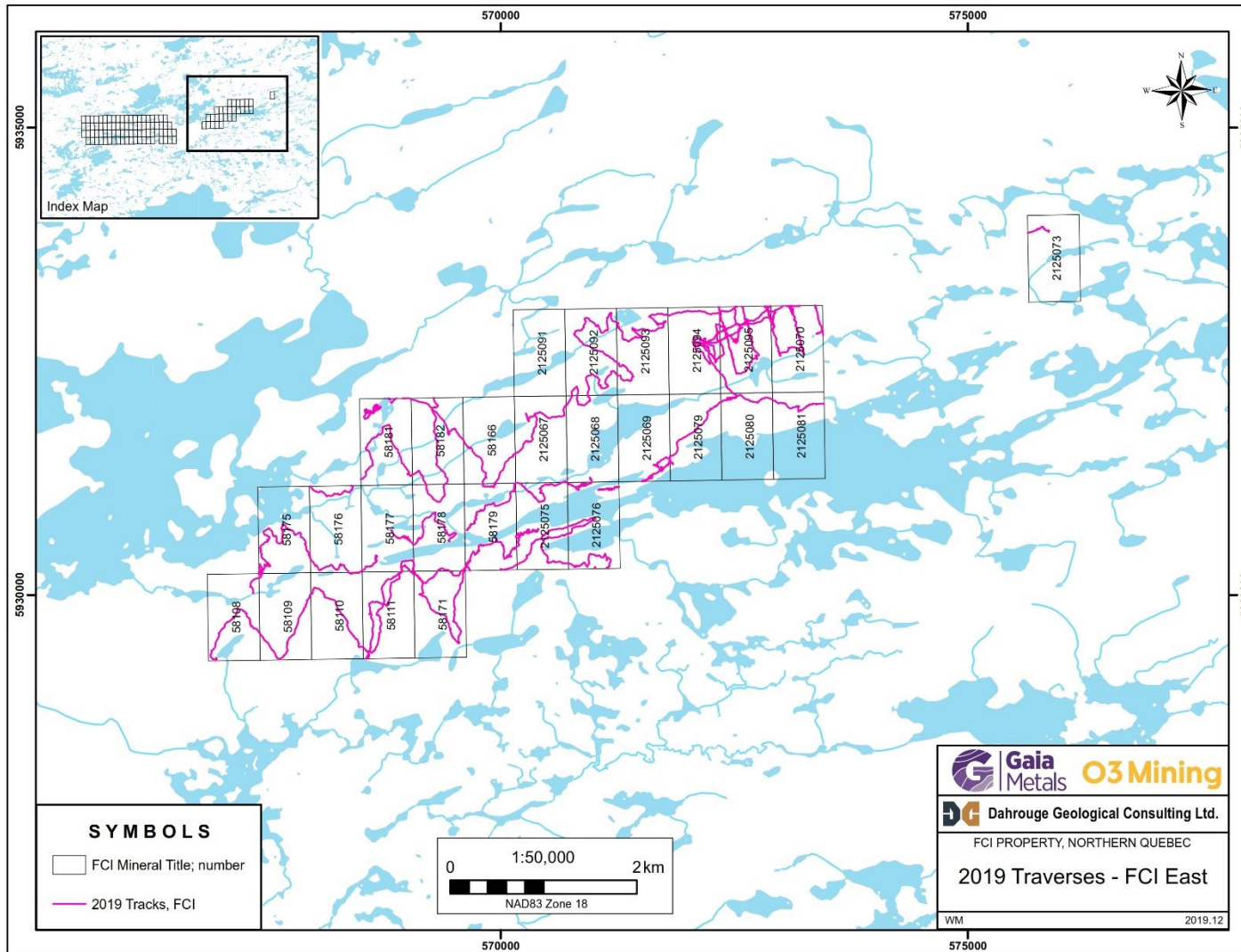


Figure 14: 2019 ground traverses (FCI East)

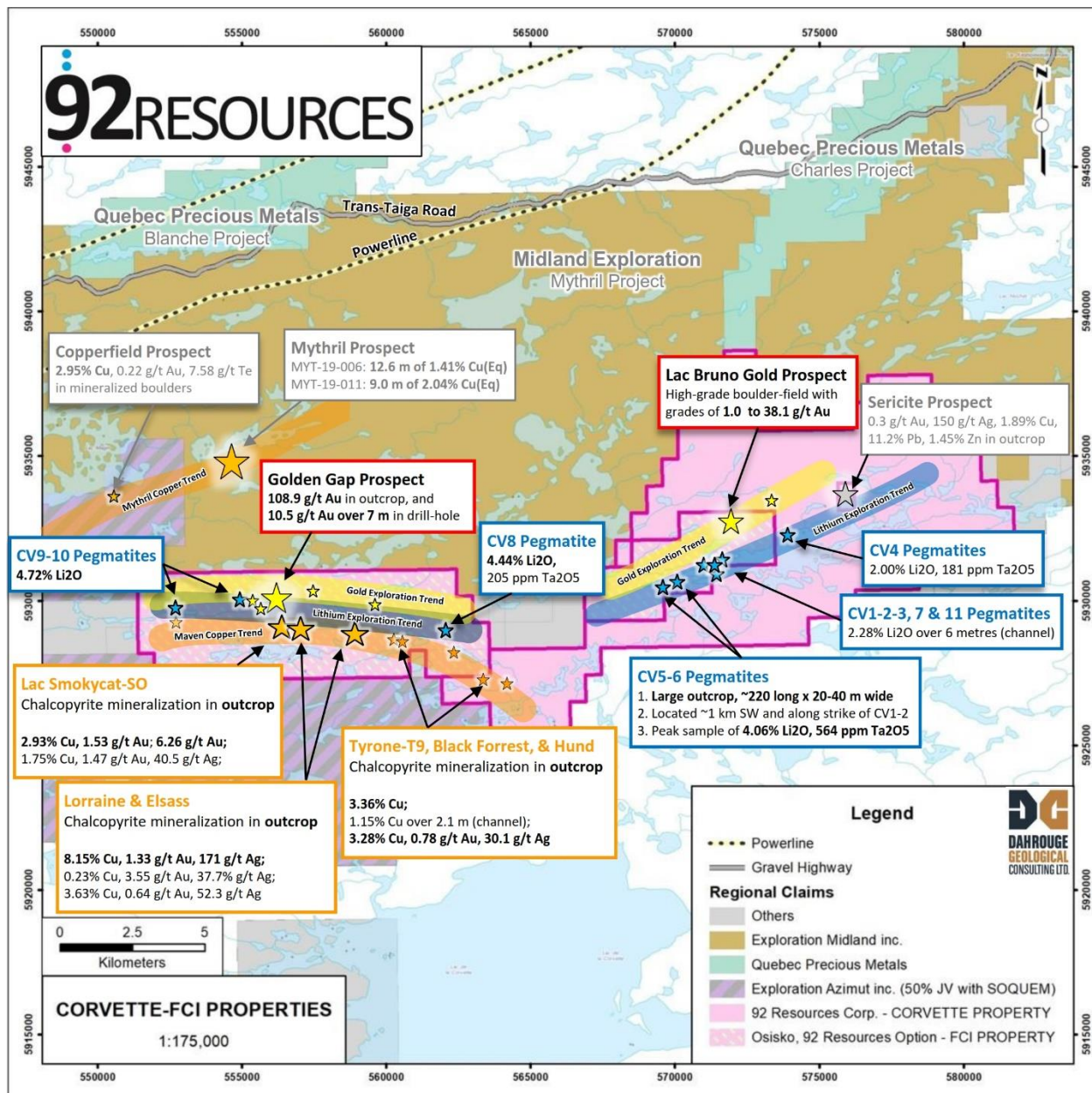


Figure 15: 2019 sample assay summary

5.1 MAVEN COPPER-GOLD-SILVER TREND

The Maven Copper-Gold-Silver Exploration Trend (previously termed the “Southern Copper Exploration Trend”) is an approximately 10 km long corridor, which hosts numerous Cu-Au-Ag showings and extends in a general east-west direction across the southern portion of the FCI West claim block. Historical showings along the trend include Tyrone T-9 with 3.36% Cu, 0.82 g/t Au, 38.4 g/t Ag in outcrop, and Lac Smokycat-SO with sample grades of 1.75% Cu, 1.47 g/t Au, and 40.5 g/t Ag, as well as individual sample assay highs of 2.93% Cu, 6.26 g/t Au, and 97.7 g/t Ag (Figure 6 and Figure 7). Based on these historical results, the Maven Trend is identified as an area of high exploration potential for Cu-Au-Ag mineralization.

The primary historical showings describe quartz-sulphide lenses hosted in an exhalative horizon within mafic/amphibolite rock types or silicate iron formation, as well as interpreted epigenetic remobilization of mineralization within shear zones. Minor occurrences of ultramafic rocks are also documented. At the showings, semi-massive to disseminated sulphides are dominated by pyrrhotite and chalcopyrite, with variable to absent pyrite and/or sphalerite described. Historically, the nature of the mineralization has been broadly interpreted to be associated with the volcanogenic massive sulphide style (i.e. exhalative in nature).

The 2019 field program expanded the potential of the Maven Trend with the discovery of several significant, high-grade Cu-Au-Ag occurrences, highlighted by the Elsass and Lorraine prospects. Select assays of each occurrence is presented in the following sections and summarized below in Table 1, Table 2, and Table 3, as well as Figure 16 and Figure 17.

Table 1: Select sample assays from Maven Trend occurrences within the FCI Property

Showing/Prospect	Year Discovered	Source	Cu (%)	Au (g/t)	Ag (g/t)		Cu(Eq) ¹ (%)
Lac SmokyCat-SO	1957	Outcrop	2.93	1.53	n/a		4.07
Lac SmokyCat-SO	1957	Outcrop	1.75	1.47	40.5		3.19
Lac de la Corvette	1959	Outcrop	0.7	0.02	19.1		0.88
Tyrone-T9	1959	Outcrop	3.36	0.82	38.4		4.29
Lac Long	1998	Outcrop	1.37	n/a	15.2		1.50
Bonoeil	2009	Outcrop	1.40	n/a	n/a		1.40
Smith-Lac Magin	2010	Outcrop	0.65	0.64	25		1.34
Black Forrest	2019	Outcrop	1.13	0.05	19.5		1.33
Elsass	2019	Outcrop	3.63	0.64	52.3		4.55
Elsass	2019	Outcrop	1.86	1.12	32.6		2.97
Lorraine	2019	Outcrop	8.15	1.33	171.0		10.59
Lorraine	2019	Outcrop	0.23	3.55	37.7		3.19

(1) Cu(Eq): Au \$1,400/oz, Cu \$2.75/lb, Ag \$16/oz, assumes 100% recovery

HISTORICAL SHOWINGS (SMITH-LAC MAGIN, LAC SMOKYCAT-SO, TYRONE-T9, LAC DE LA CORVETTE)

A 2019 grab sample of gossanous amphibolite outcrop at the historical coordinate for the Lac SmokyCat-SO Showing assayed 0.37% Cu, 0.14 g/t Au, 64.5 g/t Ag, and 0.13% Zn (sample 143158). However, the location of this showing noted in the SIGEOM database is described as “approximate”, having been discovered in 1957 and therefore it is not certain that the main historical occurrence at Lac SmokyCat-SO was sampled by the field crew in 2019. It is not uncommon for historical showings from this era to be difficult to locate simply due to technology at the time of sampling. The area was visited near the end of the program and additional effort is recommended to confirm the location during the next field program, especially given the new 2019 discoveries along trend (Lorraine and Elsass), which are discussed further below.

The location of the Tyrone-T9 Showing, also discovered in 1957, was confirmed based on recognition of the historical channel cuts at the site, with 2019 sampling also confirming the strong grades of the occurrence (sample 142110 – 1.88% Cu, 0.60 g/t Au, and 15.0 g/t Ag).

West of Lac SmokyCat-SO is the Smith-Lac Magin Showing, discovered in 2010, in which a sample from a 2 m x 12 m quartz vein assayed 0.65% Cu, 0.64 g/t Au, and 25 g/t Ag. This area was crossed in 2019 with a traverse and the quartz vein believed to be located. A grab sample collected at the location from a biotite rich quartz vein assayed 0.17% Cu, 0.09 ppm Au, and 4.6 ppm Ag (sample 142152).

Approximately 2.1 km southeast of the Tyrone-T9 Showing is the historical Lac de la Corvette Showing, discovered in 1959. Confirmation sampling of the blast pit site that demarcates the showing returned assays of 0.70% Cu, 0.02 g/t Au, 19.1 g/t Ag, and 0.13% Zn (sample 142102), as well as 0.44% Cu, 0.02 g/t Au, 10.1 g/t Au, 10.8 g/t Ag, and 7.09% Zn (sample 142503), which is the highest zinc grade returned to date from the Property.



Photo 1: Historical channel cut at Tyrone-T9 Showing (left); Photo 2: 2019 sample at Tyrone-T9 (right)



Photo 3: Cut hand sample from Tyrone-T9 correlating to sample assay 142060



Photo 4: Historical Lac de la Corvette Showing – sample 142102 (left); Photo 5: Sample 142053 (right)

BLACK FORREST SHOWING (2019)

In addition to confirmation sampling of the historical showings/prospects, a new outcrop showing (“Black Forrest”) was discovered approximately 300 m to the east and along trend of Tyrone-T9, with a grab sample collected assaying 1.13% Cu, 0.05 g/t Au, and 19.5 g/t Ag. The immediate area is covered in till, resulting in minimal outcrop exposure. The discovery further highlights the prospective Cu-Au-Ag nature of the Maven Trend.

ELSASS PROSPECT (2019)

The Elsass Copper-Gold-Silver Prospect is a new 2019 discovery and is located on the FCI West claim block, in an area not historically prospected, approximately 2.5 km southeast of the Golden Gap Prospect, and within the Maven Copper-Gold-Silver Exploration Trend. The core trend contains the new 2019 Lorraine, Elsass, and Black Forrest discoveries, as well as the historical Lac Smokycat-SO and Tyrone T-9 showings, collectively spanning a strike length of over 5 km. The trend continues for another 3+ km to the southeast, and past the joint claim border with Gaia Metal Corp.’s Corvette Property, as demonstrated by the

presence of several additional >1% Cu showings. Collectively, the showings define a prospective copper-gold-silver trend of more than 8 km within the FCI West claim block.

The Elsass Prospect denotes an area of Cu-Au-Ag mineralization situated in the east-central part of the core Maven Trend and is characterized by numerous chalcopyrite mineralized outcrop exposures (2 to 20 m in size) over an area approximately 350 m long by 60 m wide. A sample assay summary from Elsass is presented below in Table 2.

Table 2: 2019 sample assays from Elsass

Sample ID	Showing/Prospect	Source	Cu (%)	Au (g/t)	Ag (g/t)	Cu(Eq) ¹ (%)
143064	Elsass	Outcrop	3.63	0.64	52.3	4.55
142947	Elsass	Outcrop	2.68	0.20	43.9	3.20
143063	Elsass	Outcrop	2.24	0.05	43.0	2.64
142948	Elsass	Outcrop	1.86	1.12	32.6	2.97
142944	Elsass	Outcrop	1.14	0.26	20.8	1.51

(1) Cu(Eq): Au \$1,400/oz, Cu \$2.75/lb, Ag \$16/oz, assumes 100% recovery

The dominant rock type at Elsass is amphibolite with a chalcopyrite – quartz ± pyrrhotite accessory mineral assemblage. The chalcopyrite is often associated with quartz and is present as disseminations, within quartz veins, or as semi-massive veinlets. Sphalerite is noticeably absent, and pyrite is not commonly present in any significant abundance. The outcrops often looking less gossanous (“rusty”) and more generic in nature than normally would be expected for their metal content. A similar rock type, lighter in appearance than the amphibolite with an acicular mineral habit (possible pyroxene), was also found to host chalcopyrite mineralization suggesting the copper mineralization may be a latter event. A granite/granodiorite in contact with the mineralized amphibolite was discovered to the south.

The Elsass discovery was made at the very end of the 2019 summer field program and therefore very limited follow-up was possible. Correspondingly, only a single traverse was completed through the area near its north end and, as such, no significant mapping was carried-out and the extent of the surface mineralization is not known.



Photo 6: Outcrop sample 143064 (left); Photo 7: Elsass hand sample of 142947 (right)



Photo 8: Elsass hand sample of 142948 (left); Photo 9: Elsass sample 143064 (right)

LORRAINE PROSPECT (2019)

The Lorraine Copper-Gold-Silver Prospect is a new 2019 discovery and is located on the FCI West claim block, approximately 2.3 km along trend to the west of the Elsass Copper-Gold-Silver Prospect and approximately 700 m east of the Lac Smokycat-SO Showing. The area is characterized by three mineralized outcrop exposures situated over a strike length of approximately 300 metres. An assay summary is presented below in Table 3.

Table 3: 2019 sample assays from Lorraine

Sample ID	Showing/Prospect	Source	Cu (%)	Au (g/t)	Ag (g/t)	Cu(Eq) ¹ (%)
143133	Lorraine	Outcrop	8.15	1.33	171.0	10.59
143137	Lorraine	Outcrop	1.55	0.14	20.9	1.83
143135	Lorraine	Outcrop	0.23	3.55	37.7	3.19

(1) Cu(Eq): Au \$1,400/oz, Cu \$2.75/lb, Ag \$16/oz, assumes 100% recovery

The rock types and mineralization style at Lorraine are similar to that at Elsass, amphibolite with a chalcopyrite – quartz ± pyrrhotite accessory mineral assemblage, suggesting a common/mutual mineralizing system/event. The area between the two prospects is considered highly prospective with very limited data collected historically. Only a single traverse was completed through the area in 2019 as the discovery was made on the last day of the program. Therefore, no significant mapping was completed, and interpretation is limited.



Photo 10: Outcrop at Lorraine Prospect – Sample sites for 143135 and 142136



Photo 11: Outcrop for sample 143133 (top); Photo 12: Sample 143133 (bottom); Photo 13: Cut hand sample of 143133 (right)

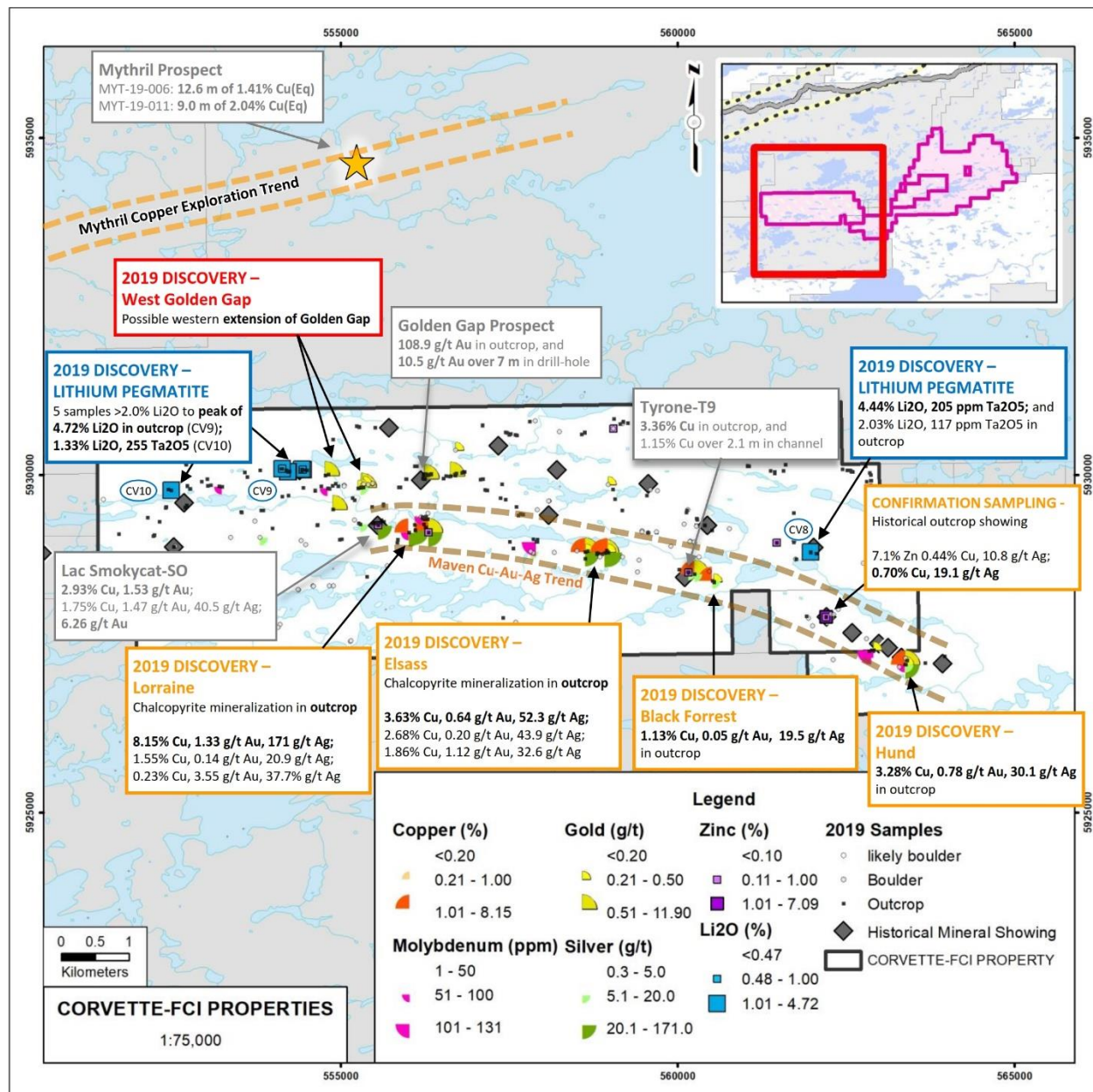


Figure 16: Maven Copper-Gold-Silver Exploration Trend (FCI West)

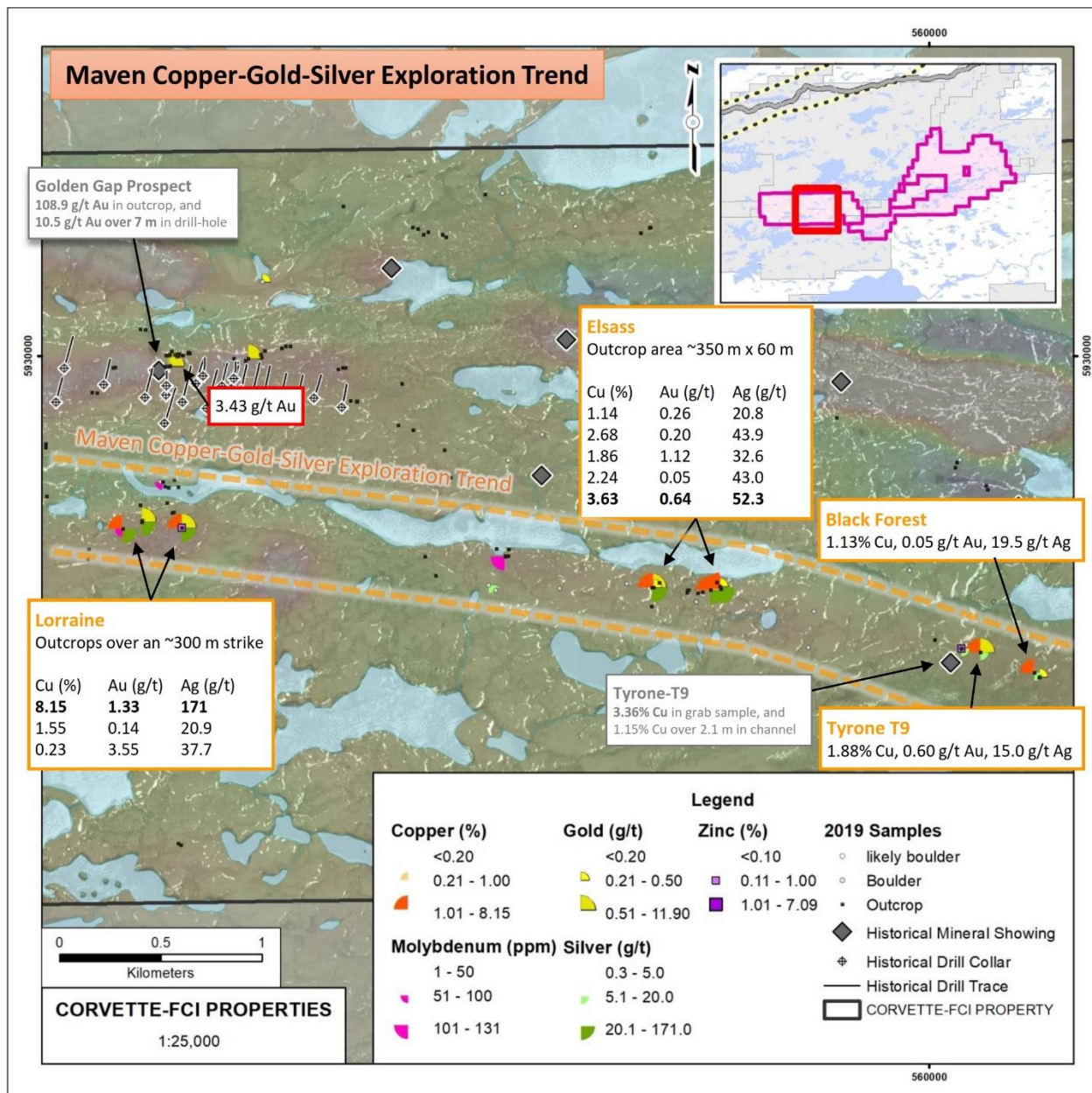


Figure 17: Maven Copper-Gold-Silver Exploration Trend ("Core Trend")

5.2 GOLD EXPLORATION TREND(S)

GOLDEN GAP PROSPECT

The Golden Gap Prospect, located in the north-central portions of the FCI West claim block, is the most advanced prospect on the Property with 5,267 m over 24 drill holes completed. Historical sampling at Golden Gap has returned 3 to 108 g/t Au in outcrop and 10.48 g/t Au over 7 m in drill hole.

The 2019 program including resampling of the main historical occurrences at Golden Gap with assays of 1.47 g/t Au (sample 142232) and 3.43 g/t Au (142310) returned. These grades are significantly lower than the historical, although may be partially explained by the inherent variable nature of the mineralization, sampling not directly overlapping the higher grading historical sample sites, and potentially smaller sample sizes.

During the 2019 program, surface sampling to the west of Golden Gap discovered two new areas of outcrop exposure assaying 1.87 g/t Au (sample 142985) and 2.81 g/t Au (sample 142304), and indicate a possible western surface extension of the main Golden Gap occurrence (Figure 18). Sample 142985 is described as a quartz-vein within gossan with a combined 15% pyrite-arsenopyrite, while sample 142304 is described as a quartz-vein cutting a granodiorite unit with no visible sulphides.

In addition, field observations during the 2019 program identified a zone of calc-silicate alteration, associated with a felsic dyke, trending oblique to the historical drill hole orientation at Golden Gap; however, appears to lie parallel to trends indicated from surface sampling in the area. Collectively, this suggests a further evaluation of the mineralization's orientation at Golden Gap in relation to the position of drill holes.



Photo 14: Main Golden Gap occurrence



Photo 15: Outcrop sample site 142310 (top left); Photo 16: Outcrop sample site 142310 (top right);
Photo 17: Sample 142310 (bottom)

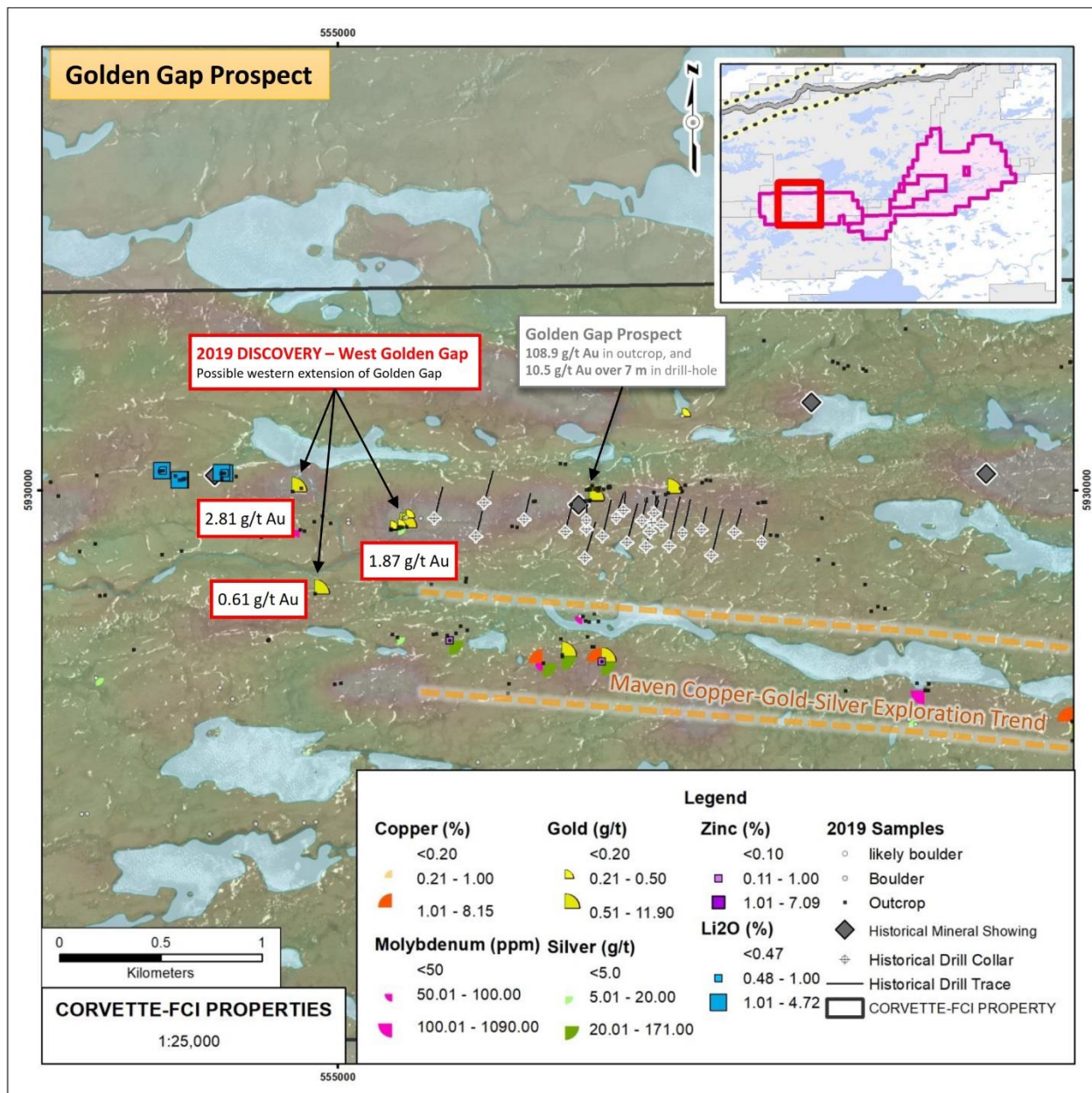


Figure 18: 2019 West Golden Gap occurrences

LAC BRUNO PROSPECT

The Lac Bruno Prospect is located in the northeastern portions of the FCI East claim block, approximately 380 m south and 1.3 km west of the claim border with Gaia Metals' Corvette Property. Historical sampling at the Lac Bruno Prospect identified a number of angular gold-bearing boulders, initially interpreted as frost-heave, with assays ranging between 1 and 38.1 g/t Au. The mineralized boulders consist predominately of pyrrhotite and arsenopyrite bearing amphibolite. Two historical drill holes completed directly under the boulder field failed to intersect mineralization, with the source subsequently re-interpreted to be further to the northeast, in the up-ice glacial direction.

The field work, focused on locating the source of the Lac Bruno boulder field, straddled the Property border between the Company's FCI East claim block and Gaia Metals' wholly owned Corvette Property claim block. As previously noted, Dahrouge Geological was engaged to manage both company's exploration programs as the FCI Property is held under Option by Gaia Metals Corp. from O3 Mining Inc. For completeness, the exploration of the target is discussed in a holistic manner and includes publicly disclosed information from Gaia Metals (Figure 19).

The 2019 program at Lac Bruno involved confirmatory re-sampling of the historical boulder field showing, as well as prospecting, rock sampling, and soil sampling in the up-ice direction. The 2019 soil sampling grid straddles both claim blocks with approximately one-quarter of the samples collected on the FCI side of the border. The soil survey was completed in an effort to further vector in on the boulder field source. Sampling lines, spaced 250 m apart, were oriented to cross the geological trend. Sample station spacing along the lines was 50 m, with spacing tightened to 25 m over the central part of the grid. The B horizon was targeted for sampling with no samples collected over swampy areas.

The field work was successful with 11.9 g/t Au sampled from a boulder at the main Lac Bruno Showing (sample 142576), located on the FCI East claim block, confirming historical grades. In addition, an outcrop discovery of a mineralized quartz vein, within an amphibolite host, assaying 1.4 g/t Au (sample 142512 – New Lac Bruno Showing) was discovered further up-ice on the Corvette claim block, approximately 120 m from the FCI East claim block border.

The results of the full soil sample grid (FCI + Corvette) highlight an anomalous gold trend towards the east, in an area of the Corvette Property with limited historical exploration. Collectively, the data is indicating

that the source of the Lac Bruno boulder field is likely to be on Gaia Metals' wholly owned Corvette Property. However, it should be noted that this interpretation is based primarily on surface sampling data as well as limited drilling completed directly beneath the boulder field. There are several interpreted glacial advances in the area and distance of travel is not well constrained.



Photo 18: Lac Bruno boulder field – cut hand sample, amphibolite with abundant pyrrhotite

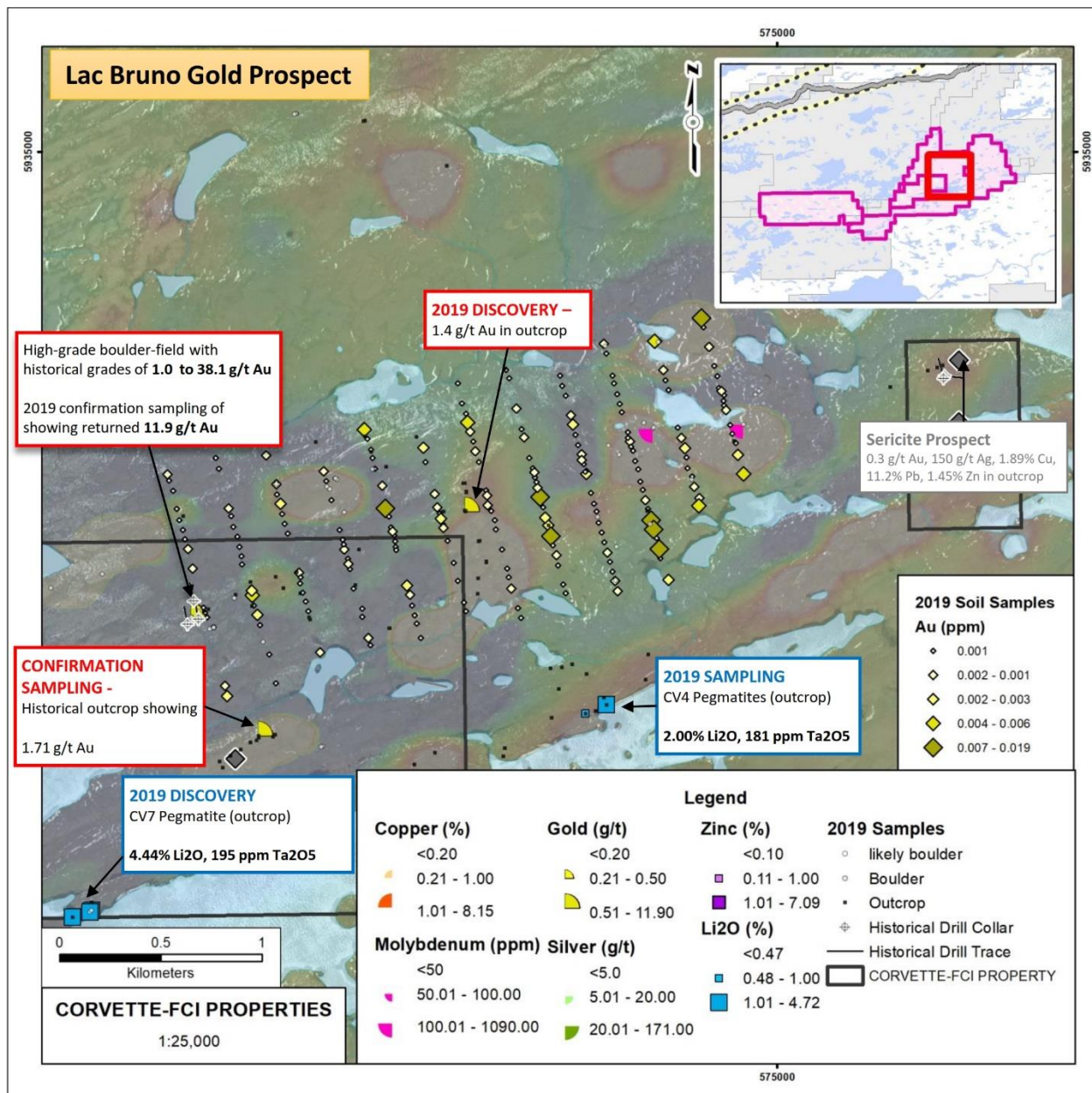


Figure 19: 2019 soil and rock sample assay summary (Lac Bruno Prospect)

5.3 LITHIUM PEGMATITE OCCURRENCES

Although the primary focus of the 2019 program was base and precious metals, the prospective geological setting overlaps with that of lithium pegmatite. High-grade spodumene pegmatite was discovered in 2017 on the adjacent Corvette Property, held by Gaia Metals, essentially abutting the claim border with the Company's FCI East claim block. The discovery of the Corvette pegmatites demonstrates the lithium potential of the greenstone belt in the immediate region and highlights the potential of the FCI East claim block, which is situated immediately on trend with the occurrences.

Over the course of the seventeen (17) day 2019 field program, only two (2) days were allocated to lithium exploration targets and were specifically focused at FCI East, along trend for the Corvette pegmatites. The work was highly successful with numerous spodumene pegmatite discoveries at FCI East. In addition, several significant spodumene pegmatite occurrences were discovered on FCI West during exploration for gold and copper. In total, four (4) distinct areas of spodumene pegmatite were discovered across Property, highlighting a prospective lithium trend spanning the entirety of both the West and East claim blocks. Within these areas, a total of seven (7) pegmatite occurrences were discovered – CV5, 6, 7, 8, 9, 10, and 11. For simplicity and clarity, the naming convention follows that of the Corvette Property pegmatites (CV1, 2, 3, 4) as the FCI Property is held under Option Agreement by Gaia Metals from O3 Mining. An assay summary is presented below in Table 4.

Table 4: 2019 sample assay summary for CV Pegmatites on the FCI Property

Sample ID	Showing/Prospect	Source	Li2O (%)	Ta2O5 (ppm)
142084	CV5	Outcrop	4.16	31
142085	CV5	Outcrop	4.06	564
142083	CV5	Outcrop	3.65	57
142127	CV5	Outcrop	2.72	19
142086	CV5	Outcrop	2.64	135
142088	CV5	Outcrop	2.45	186
142126	CV5	Outcrop	2.43	210
142087	CV5	Outcrop	1.92	29
142090	CV6	Outcrop	3.85	12
142128	CV6	Outcrop	1.57	116
142091	CV6	Outcrop	1.39	259
142156	CV7	Outcrop	4.44	195
142076	CV8	Outcrop	4.44	205
142201	CV8	Outcrop	2.03	117
142082	CV9	Outcrop	4.72	84
142081	CV9	Outcrop	3.64	93
142162	CV9	Outcrop	2.75	44
142079	CV9	Outcrop	2.26	30
142080	CV9	Outcrop	2.26	17
142078	CV9	Outcrop	1.70	161
142163	CV9	Outcrop	0.96	56
142209	CV9	Outcrop	0.82	101

LITHIUM PEGMATITES – CV5-6-7, 11 (FCI EAST)

The CV5-6 pegmatite outcrops are located on the FCI East claim block, approximately 1 km southwest and along trend of the previously discovered CV1-2 pegmatites on the adjacent Corvette Property held by Gaia Metals. The CV5 spodumene pegmatite is the first and largest discovered to date on the Property, with approximate dimensions of 220 m long x 20-40 m wide (Photo 19). A total of eight (8) samples were collected and average 3.00% Li₂O and 154 ppm Ta₂O₅, including a peak assay of 4.06% Li₂O and 564 ppm Ta₂O₅. In addition, approximately 400 m further along trend to the southwest, are two closely spaced pegmatite outcrops (CV6) with an assay of 1.39% Li₂O and 259 Ta₂O₅, to a peak of 3.85% Li₂O. Both CV5 and CV6 also host a strong tantalum component.

The CV5 and CV6 spodumene pegmatites span a joint strike length of more than 750 m and are situated approximately 1 km along trend to the southwest of CV1-2. Collectively, the occurrences outline a prospective core trend of at least 2 km with the pegmatites interpreted to potentially interconnect beneath the shallow overburden.

Another well-mineralized spodumene pegmatite outcrop (CV7) was discovered approximately 110 m to the northeast of CV1, with a sample assay of 4.44% Li₂O and 195 ppm Ta₂O₅. The CV11 pegmatite outcrops are also situated in the general area with a sample assay of 0.66% Li₂O and 386 ppm Ta₂O₅ and more enriched in tantalum, relative to lithium, compared to the other CV occurrences on the Property. Both CV7 and CV11 are situated immediately along strike of CV2 and may indicate an interconnection subsurface.

In addition to the mineralised pegmatite outcrop occurrences on FCI East and Corvette, numerous mineralized boulders were also discovered in the area. Several of these boulders are located in the down-ice direction of the well-mineralized CV5-6 pegmatites and are likely sourced from there; however, several are located further to the south and east. This is a strong indication that additional sub-parallel trending spodumene pegmatites remain to be discovered in the immediate area. However, it is also likely the source of some of these boulder occurrences are on the adjacent Corvette Property.

A summary of the lithium pegmatite occurrences on the FCI East claim block is presented in Figure 20.



Photo 19: CV5 Pegmatite (~220 m long x 20 to 40 m wide)



Photo 20: CV5 Pegmatite sample 142085 (left); Photo 21: CV5 Pegmatite sample 142126 (right)

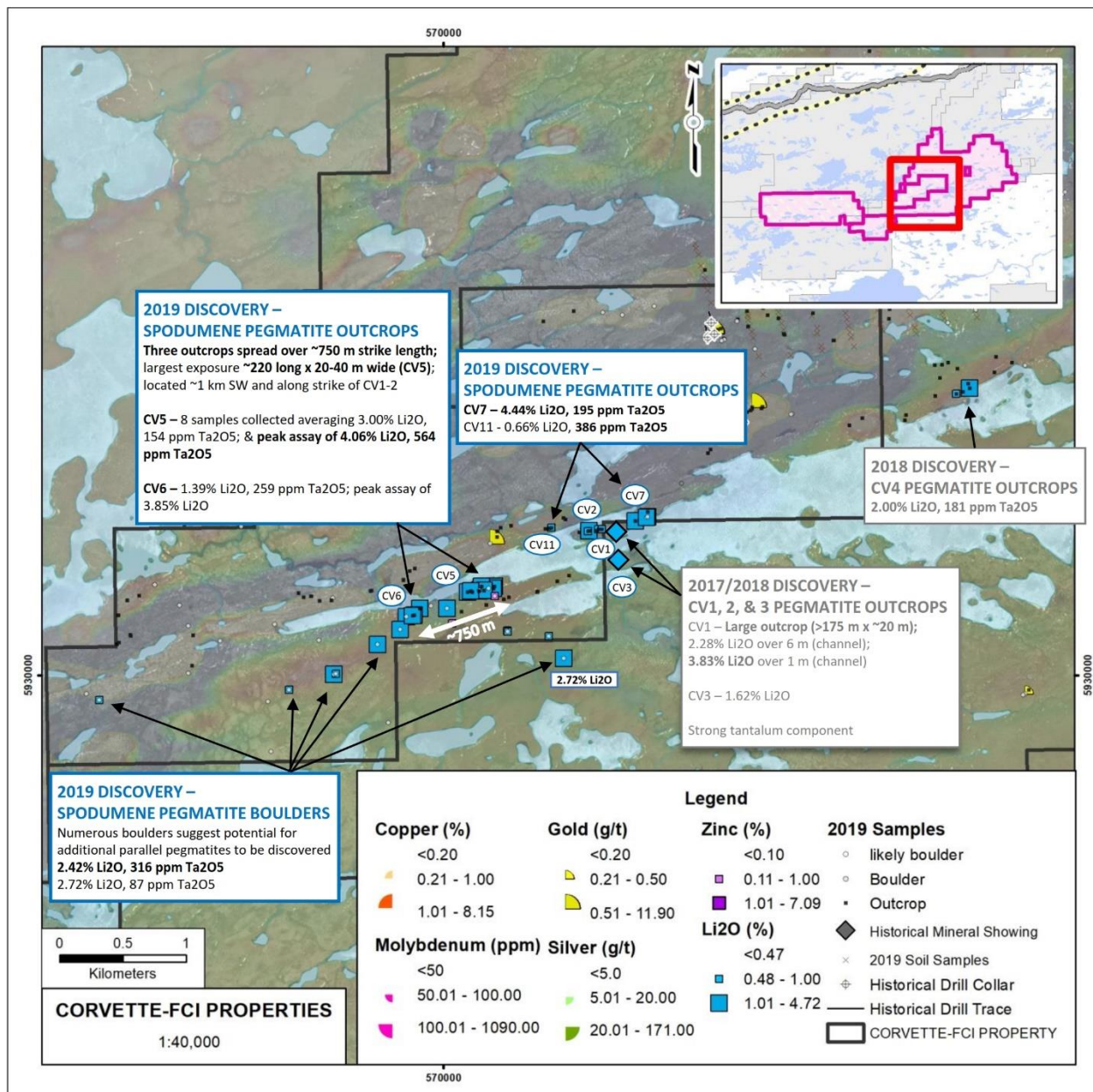


Figure 20: 2019 lithium pegmatite discoveries (FCI East)

LITHIUM PEGMATITE – CV8 (FCI WEST)

The CV8 Pegmatite was discovered proximal to the historical Lac Long Nord Gold-Molybdenum Showing (2.95 g/t Au, 3.75% Mo), and highlights how past exploration did not document the presence of lithium pegmatite (Figure 15). Two samples were collected with assays of 2.03% Li₂O and 117 ppm Ta₂O₅ (sample 142201), and 4.44% Li₂O and 205 ppm Ta₂O₅ respectively (sample 142076). The pegmatite is exposed discontinuously with overall dimensions of approximately 80 m long by 10 m wide. The significance of this discovery is further highlighted by its location, being situated approximately 8 km along strike to the west-southwest of CV5-6, and 7.5 km to east-southeast of CV9, thereby emphasizing the potential size of the lithium mineralizing system at Corvette-FCI. As lithium was not the focus of the 2019 field program, no follow-up work was completed, and the discovery area has not been explored along trend or adjacent to it.



Photo 22: CV8 Pegmatite sample 142076

LITHIUM PEGMATITES – CV9-10 (FCI WEST)

The CV9 and CV10 pegmatite outcrops are within the northwest portion of the FCI West claim block (Figure 15). The primary occurrence (CV9) extends west from the historical Lac Legendre Showing (0.57% Cu) where five (5) samples returned assays >2.0% Li₂O to peak of 4.72% Li₂O. The mineralization occurs over a series of outcrop exposures spanning a strike length of approximately 300 m. The CV10 pegmatite is located approximately 1.7 km west of CV9 with a sample assay of 1.33% Li₂O and 255 ppm Ta₂O₅.

The CV9-10 spodumene pegmatite discoveries were unexpected and outline an entirely new area of lithium mineralization. As lithium was not the focus of the 2019 field program, no additional lithium exploration was completed in this area.



Photo 23: CV9 Pegmatite – sample site 142163



Photo 24: CV9 Pegmatite – sample site 142162

6. WORK PERIOD EXPENDITURES

Work expenditures for the reporting period of September 2018 through October 2019 for the FCI Property total \$230,980.95, excluding taxes, and are detailed in Appendix VI. Note, expenditures claimed earlier in the year for a small group of eleven (11) claims from the Property, in which assessment was due this past summer, are not included in the amount claimed herein this report. However, for completeness and interpretation, the exploration results for those claims are still included and discussed herein.

As of the date of this report, the Property has a term work expenditure requirement per claim of \$1,800 (11 claims) or \$2,500 (100 claims) for a combined total of \$269,800. Renewal fees for the term are approximately \$154 per claim, totalling \$17,094 for the current term. Renewal fees, akin to rental fees, must be paid independently of exploration expenditures, and thus, cannot be satisfied with excess work expenditure credits.

7. DISCUSSION, INTERPRETATION, & RECOMMENDATIONS

The 2019 exploration of the FCI Property expanded upon the historical work completed by prior operators, which had focused on the gold potential, primarily over the northern half of the FCI West claim block. The 2019 field program was more regional in nature by comparison and, although did cover certain areas of the northern gold trend, primarily assessed the Property as a whole for base and precious metals and lithium/tantalum, in addition to sampling, expanding upon, and ranking the known historical prospects/showings. The field program was successful in achieving its objectives, outlining numerous areas of strong and, at times, extensive mineralization. The primary discoveries include:

1. The Elsass, Lorraine, and Black Forrest copper-gold-silver occurrences, which are situated within a greater than 10 km exploration trend (the “Maven Trend”) extending across the southern regions of the FCI West claim block.
2. The West Golden Gap occurrences which consist of several new surface gold showings situated immediately on strike to the west of the main Golden Gap occurrence.
3. Several high-grade and sizable lithium pegmatite occurrences present on both the FCI West and FCI East claim blocks.

MAVEN COPPER-GOLD-SILVER TREND

Potentially the most significant discoveries of the 2019 program are the mineralization identified at Elsass and Lorraine along the Maven Copper-Gold-Silver Exploration Trend. This area of the trend is situated between the historical Lac SmokyCat-SO and Tyrone-T9 showings, where high-grade copper ± gold ± silver mineralization had been documented; however, where only limited to no prospecting has been completed between. A regional soil sampling grid was completed by Virginia Gold Mines over the area in 2005/06 with 500 m spaced lines and 50 m stations; however, no obvious Cu/Au/Ag anomalies were discovered suggesting that soils are not an effective targeting tool along the trend.

The main trend contains the new 2019 Lorraine, Elsass, and Black Forrest discoveries, as well as the historical Lac Smokycat-SO and Tyrone T-9 showings, collectively spanning a strike length of over 5 km. The trend continues for another 3+ km to the southeast, and past the joint claim border with Gaia Metals

Corp.'s Corvette Property, as demonstrated by the presence of several additional >1% Cu showings, for a collective prospective copper-gold-silver trend of more than 8 km within the FCI West claim block.

Pyrite is not commonly present in any significant abundance with pyrrhotite the dominate sulphide mineral. It is interpreted that much of the original pyrite that may have been present has been reconstituted as pyrrhotite over time. The outcrops often looking less gossanous ("rusty") and more generic in nature than normally would be expected for their metal content. Based on this observation, it is possible that well-mineralized outcrops may have been overlooked during historical exploration along the trend, presenting additional upside as the entire trend requires a deeper evaluation. Specifically, this includes to the east towards the Tyrone T-9 Showing where 3.36% Cu, 0.82 g/t Au, 38.4 g/t Ag is present in outcrop (historical sample – 1998). Additionally, approximately 300 m to the southeast from Tyrone T-9 is the newly discovered Black Forrest Showing with a sample assay of 1.13% Cu, 0.05 g/t Au, and 19.5 g/t Ag in outcrop. The presence of these mineralized occurrences highlights the extensive Cu-Au-Ag mineralization present along the Maven Trend.

The copper mineralization style along the Maven Trend is notably different from that described at the Mythril Prospect of Midland Exploration, and the Copperfield Prospect of Azimut Exploration where mineralized granodiorite is the host and a porphyry system has been interpreted. Current interpretation of the Maven Trend suggests an exhalative mineralization style (volcanogenic massive sulphide – VMS) within an Archean greenstone belt setting; however, notable differences to the general VMS model are present. For example, a distinct lack of zinc is present in most of the showings along the Maven Trend with the two highest samples from the 2019 sampled along the trend being the standout 7.09% Zn at the Lac de la Corvette Showing (sample 142053) and the 0.68% Zn from the highest Cu grade sample at Lorraine (sample 143133). All other 2019 zinc assays along the trend are <0.2% Zn, and the large majority <0.1% Zn. This may indicate a certain position in the mineralized system where Zn is relatively absent; however, may also indicate a departure from the standard VMS type model of formation. Further, the samples have a consistent lack of cobalt (<100 ppm), and lead (<10 ppm). There is also a distinct lack of alteration assemblages present along the trend, although quartz "flooding" appears to be associated with the mineralization.

In addition, based on preliminary thin section analysis of select hand samples along the Maven Trend, the chalcopyrite mineralization is interpreted to be syngenetic to epigenetic, thus indicating a remobilization

of copper. This is further supported by the chalcopyrite mineralization being present across several rock types. Therefore, a later stage magmatic hydrothermal component may be present which resulted in copper remobilization, and further, may represent a mechanism that could enhance the copper grade.

Collectively, the numerous high-grade Cu-Au-Ag showings that define the Maven Trend constitute a high-priority target for continued exploration. Due to an historical focus on gold over the Property by prior operators the exploration data over the trend is limited; however, the results to date are highly encouraging and warrant significant exploration attention to further develop targets for initial drill testing.

GOLD

The 2019 gold exploration at FCI focused on two main areas; Golden Gap and Lac Bruno. Golden Gap (FCI West) is the most advanced prospect on the property with 5,267 m over 24 drill holes completed historically, while Lac Bruno (FCI East) characterizes a strongly mineralized, relatively small, angular boulder field.

At Lac Bruno, the 2019 sampling confirmed the historical grades of the boulder field; however, failed to discover any new areas of mineralization in the up-ice direction within the FCI East claim block. A new previously unsampled outcropping was discovered, recently unearthed from a fallen tree; however, was not mineralized. Based on the results of the soil sampling survey, which straddled the border with the adjacent Corvette Property held by Gaia Metals Corp., the source of the Lac Bruno boulder field is currently interpreted to reside within the Corvette Property block, around 1.5 to 5 km from the claim border.

The 2019 surface sampling at Golden Gap has outlined several ~2 g/t Au samples to the west of the primary occurrence. The newly discovered showings are located approximately 200 and 750 m, respectively, to the west of the westernmost drill hole completed at Golden Gap. This drill hole (FCI-010-020) returned a wide interval of low-grade gold mineralization of 0.35 g/t Au over 13 m with a peak assay of 1.22 g/t Au over 1 m. The drill result from FCI-010-020, coupled with the 2019 surface sampling results, suggests further gold potential to the west and an area of focus for the next surface program.

LITHIUM

The lithium potential at FCI has expanded significantly as a result of the 2019 surface exploration program and is even more so poignant of a statement given it was explored for as a secondary objective to the base and precious metals focus.

A total of seven (7) well-mineralized lithium pegmatite occurrences (CV5 through CV11) have now been identified on the Property along a prospective exploration trend of at least 20 km, which remains largely unevaluated for lithium pegmatite. These discoveries have significantly expanded the previously interpreted lithium exploration corridor from across the FCI East claim block to now crossing the entirety of both the FCI East and West claim blocks. This lithium exploration trend is interpreted to reside, with some overlap, between the northern gold exploration trend, and the southern Maven Trend, potentially indicating a large zone of structural weakness within the greenstone belt, which favours spodumene pegmatite emplacement. The host rocks appear to be dominantly amphibolite; however, ultramafic units may also be associated. An association of peridotite with spodumene pegmatite is described at the Cancet Prospect, located roughly 50 km to the west, within the same greenstone belt.

The new 2019 spodumene pegmatite discoveries demonstrate a considerable lithium potential for the Property which had previously not been recognized. Historical exploration had focused on the orogenic gold potential and, to a lesser extent, the copper potential. As pegmatite occurrences are not of primary interest for the targeted gold/copper deposit models, coupled with the unremarkable lithium market at the time, little attention was afforded to the identification of spodumene or the sampling of pegmatites. Further, as only two days were allocated specifically to lithium focused exploration during the 2019 field program, with numerous high-grade lithium pegmatites discovered, it highlights the strong potential for additional discovery along the primary corridor of interest of which only a small portion has been evaluated for lithium.

Collectively, the high number of well-mineralized pegmatites in the area, highlighted by the large CV5-6 exposure, indicate a strong potential that a series of relatively closely spaced/stacked, sub-parallel, and sizable spodumene-bearing pegmatite bodies, with significant lateral and depth extent, may be present. The CV6 pegmatite is the largest spodumene occurrence discovered on the trend to date, including the discoveries on the adjacent Corvette Property.

Also of note, is that several of the pegmatites host spodumene crystals that are cream coloured, as oppose to green as is typical of spodumene in the James Bay Region. This lighter colouring suggests a relatively low iron content may be present, and therefore, may indicate a potential for a technical-grade spodumene concentrate (i.e. a higher value concentrate).

In addition to the lithium, most of the occurrences are accompanied by appreciable levels of tantalum. This is highlighted by the largest pegmatite (CV5) where all eight (8) samples collected average 3.00% Li₂O and 154 ppm Ta₂O₅, including a peak sample assay of 4.06% Li₂O and 564 ppm Ta₂O₅. Although lithium and tantalum zones may not entirely overlap within a pegmatite body, the association is well documented in many lithium pegmatite systems and effective tantalum recovery methods have been developed and commercialized.

7.1 RECOMMENDATIONS

The 2019 surface exploration program of the FCI Property was very successful in outlining multiple areas of high-potential for gold, copper-gold-silver, and lithium-tantalum. As such, additional work is strongly recommended at the FCI Property (East and West blocks).

MAVEN

The Author considers the Maven Copper-Gold-Silver Trend the highest-priority area for exploration follow-up. It is recommended exploration focus on the core area of the trend, extending from the Lac SmokyCat-SO Showing, to the Black Forrest Showing, thus also including the Lorraine, Elsass, and Tyrone-T9 showings, as this area of the trend appears to be the most prospective based on work completed to date. The next phase of surface work should include prospecting and mapping of this core area, with an immediate focus on the area between Lorraine and Elsass where no surface sampling data is available.

Prospecting should also continue outside of the core trend to the west of Lac SmokyCat-SO and east of Black Forrest through to the respective claim borders. These areas have seen more surface prospecting coverage compared to the core trend; however, they should be revisited with an expanded sampling criterion to ensure no non to weakly-gossanous outcrops are ignored for sampling.

It is not certain that the Lac SmokyCat-SO Showing was located during the 2019 program. As its location was initially documented in the pre-GPS era, the historical coordinate may be off by several hundred

metres. Based on the historical assays and location along the Maven Trend, the general area of the showing should be explored in more detail, and confirmation sampling completed.

Trenching should be considered to expand the main exposures at Lac SmokyCat-SO, Lorraine, Elsass, Tyrone-T9, and Black Forrest, and subsequent sampling completed. Depending on the approach, a channel sampling program over the trenches may be completed ahead of an initial drill program, or the trenches may be used as a targeting tool immediately prior to drill testing and thus forego the channel sampling. As chalcopyrite mineralization of reasonable target grade is visible to the naked eye, optionality of approach with trenching is provided.

A ground geophysical program is recommended ahead of drilling, and ideally ahead of trenching, to further develop the targets. This program should include a reprocessing of the historical IP-Resistivity grid that covers the eastern area of the Maven Trend, including the Tyrone-T9 and Black Forrest showings. Initial correspondence by the author with a geophysicist group experienced with the survey type indicates the data to be of sound quality and the reprocessing a cost-effective method of applying new techniques to the historical data to generate targets, including 3D inversions. In addition, an IP-Resistivity survey is recommended to be completed along the remaining areas of the core trend where no historical data exists. Consideration should also be given to ground magnetic and/or gravity surveys. However, it is not clear how effective magnetics may be as pyrrhotite appears to be the primary magnetic mineral across the Property as well as the trend.

Although soils are indicated to not be an overly effective exploration tool along the Maven Trend, a basal till survey could be considered along the trend as it may highlight areas of proximal mineralization.

Following the next phase of prospecting, geophysical program(s), and potential trenching/till surveys, a initial drill program of no less than 3,000 m is recommended. This will allow for adequate first pass testing at depth of the main Maven Trend targets as well as ensure a reasonable cost per metre for the overall program.

GOLD

Follow-up sampling/mapping of the newly discovered West Golden Gap showings is recommended in order to further characterize and attempt to extend the occurrence. A modern re-processing and re-interpretation of the historical IP-Resistivity survey data collected in 1998 over the Golden Gap area is also recommended to further refine drill targets. The historical survey outlines several anomalies which remain to be drill tested. Unfortunately, the 1998 survey did not extend to cover the full area that characterizes the West Golden Gap showings and therefore, coverage should be considered if the survey crew is on site completing the survey elsewhere on the Property (e.g. Maven).

In addition, no structural map is available on the Property which would define primary and secondary structures in the immediate region which may be considered favourable for greenstone hosted gold occurrences. Therefore, it is recommended the existing airborne magnetic data set be interpreted by a geophysicist and a shape file set be created which identifies the primary structures of the region. The structural dataset would provide another qualifying parameter for identifying drill hole targets.

A review of the geological model at Golden Gap is recommended in conjunction with the recently acquired 2019 surface data. A new phase of drill holes should be prioritized to test IP anomalies and evaluate the western surface gold showings at depth. However, at this stage, it is not clear that this warrants a stand-alone drill program and it is recommended to form part of a larger drill program which would include other regional targets such as along the Maven Trend.

LITHIUM

The 2019 program has significantly expanded the potential for lithium pegmatite on the Property with discoveries to date indicating a reasonable potential for high-grades and large tonnages. Further work is warranted and recommended. However, given the current state of the lithium market, and the strength of copper-gold-silver discoveries along the Maven Trend, it is recommended the lithium exploration be advanced in a practical and reasoned approach, based on market dynamics and available capital, and secondary to the Maven Trend.

Continued prospecting along trend extending out from the known lithium pegmatite occurrences is recommended as much of the trend has never been assessed for its lithium potential. This should also

include more detailed mapping proximal to the known occurrences. Trenching and/or channel sampling is recommended for further assessment of grade over width of the primary occurrences. Some of the pegmatites are large and may be channel sampled as exposed.

Following the prospecting and mapping program, drilling is recommended subject to prevailing market conditions. At this time, CV5-6 is considered the primary occurrence with the strongest potential.

In addition, an preliminary mineralogical study is recommended on several of the pegmatites. Questions to be addressed include: 1) What is the Fe concentration of the spodumene and is there a correlation with the mineral colour? 2) What are the Ta-bearing minerals?

PGE POTENTIAL

The Author notes that several PGE metals, notably palladium, have seen significant price appreciation over the last 12 months. There are several historically mapped ultramafic rock units present on the FCI Property with one sample, collected from the historical Lac Long Sud Showing at the southeast end of the FCI West claim block, returning a sample assay of 3.10 g/t Au, 1.06 g/t Pd, 0.005 g/t Pt, 7.5 g/t Ag, 0.24% Cu, 0.19% Ni, and 411 g/t Co. However, there has been only limited exploration focused on these ultramafic units on the Property, with most samples not submitted for PGE analysis. As such, it is recommended a more targeted assessment of the PGE potential on the Property be completed.

8. REFERENCES

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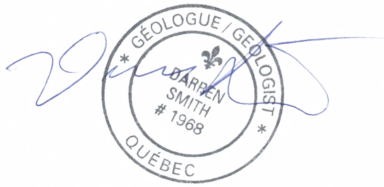
STATEMENT OF QUALIFICATIONS

January 20th, 2019

I, Darren L. Smith, am a Professional Geologist employed by Dahrouge Geological Consulting Ltd., a mineral exploration, consulting, and project management group based in Edmonton, Alberta, Canada. I obtained a B.Sc. in geology (December 2004) and a M.Sc. in geology (December 2005) from Carleton University, Ottawa and have been working in the field of geology since graduation.

I am registered Professional Geologist and hold a Geologist Permit (No. 1968) with the Ordre des Géologues du Québec (OGQ).

I, Darren L. Smith, M.Sc., P.Geo., supervised the exploration for the work period being reported herein.



Darren L. Smith, M.Sc., P.Geo. | Senior Geologist / Manager
DAHROUGE GEOLOGICAL CONSULTING LTD.
Quebec City | Cell 418-573-0443

APPENDIX I: PROPERTY CLAIM LISTING

PROPERTY CLAIM LISTING

GESTIM Date: 2020-01-06

Totals 111 5687.59

\$ 1,187,651 \$ 269,800

FID	Property	NTS	Title Type	Title No.	Area (ha)	Registration Date	Expiry Date	Title Holder	Excess Credit	Work Required
FID	Property	FEU_NO	TER_CODE	TIT_NO	POL_SUPRF	TIT_DAT_EM	TIT_DAT_EX	DET_LIST	TIT_CRE_CU	TIT_TR_REQ
1	FCI East	33H12	CDC	58108	51.24	25-Feb-2005	24-Feb-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
2	FCI East	33H12	CDC	58109	51.24	25-Feb-2005	24-Feb-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
3	FCI East	33H12	CDC	58110	51.24	25-Feb-2005	24-Feb-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
4	FCI East	33H12	CDC	58111	51.24	25-Feb-2005	24-Feb-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
5	FCI East	33H12	CDC	58166	51.22	1-Mar-2005	28-Feb-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
6	FCI East	33H12	CDC	58171	51.24	1-Mar-2005	28-Feb-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
7	FCI East	33H12	CDC	58175	51.23	1-Mar-2005	28-Feb-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
8	FCI East	33H12	CDC	58176	51.23	1-Mar-2005	28-Feb-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
9	FCI East	33H12	CDC	58177	51.23	1-Mar-2005	28-Feb-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
10	FCI East	33H12	CDC	58178	51.23	1-Mar-2005	28-Feb-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
11	FCI East	33H12	CDC	58179	51.23	1-Mar-2005	28-Feb-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
12	FCI East	33H12	CDC	58181	51.22	1-Mar-2005	28-Feb-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
13	FCI East	33H12	CDC	58182	51.22	1-Mar-2005	28-Feb-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
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15	FCI East	33H12	CDC	2125068	51.22	27-Sep-2007	26-Sep-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
16	FCI East	33H12	CDC	2125069	51.22	27-Sep-2007	26-Sep-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
17	FCI East	33H12	CDC	2125070	51.21	27-Sep-2007	26-Sep-2021	Osisko Baie-James SENC (96214)	\$ 743	\$ 2,500
18	FCI East	33H12	CDC	2125073	51.2	27-Sep-2007	26-Sep-2021	Osisko Baie-James SENC (96214)	\$ 107,756	\$ 2,500
19	FCI East	33H12	CDC	2125075	51.23	27-Sep-2007	26-Sep-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
20	FCI East	33H12	CDC	2125076	51.23	27-Sep-2007	26-Sep-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
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22	FCI East	33H12	CDC	2125080	51.22	27-Sep-2007	26-Sep-2021	Osisko Baie-James SENC (96214)	\$ 349	\$ 2,500
23	FCI East	33H12	CDC	2125081	51.22	27-Sep-2007	26-Sep-2021	Osisko Baie-James SENC (96214)	\$ 745	\$ 2,500
24	FCI East	33H12	CDC	2125091	51.21	27-Sep-2007	26-Sep-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
25	FCI East	33H12	CDC	2125092	51.21	27-Sep-2007	26-Sep-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
26	FCI East	33H12	CDC	2125093	51.21	27-Sep-2007	26-Sep-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
27	FCI East	33H12	CDC	2125094	51.21	27-Sep-2007	26-Sep-2021	Osisko Baie-James SENC (96214)	\$ 67,156	\$ 2,500
28	FCI East	33H12	CDC	2125095	51.21	27-Sep-2007	26-Sep-2021	Osisko Baie-James SENC (96214)	\$ 2,098	\$ 2,500
29	FCI West	33G09	CDC	58090	51.25	25-Feb-2005	24-Feb-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
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33	FCI West	33G09	CDC	58094	51.25	25-Feb-2005	24-Feb-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
34	FCI West	33G09	CDC	58098	51.24	25-Feb-2005	24-Feb-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
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46	FCI West	33G09	CDC	58237	51.25	1-Mar-2005	28-Feb-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500

FID	Property	NTS	Title Type	Title No.	Area (ha)	Registration Date	Expiry Date	Title Holder	Excess Credit	Work Required
FID	Property	FEU_NO	TER_CODE	TIT_NO	POL_SUPRF	TIT_DAT_EM	TIT_DAT_EX	DET_LIST	TIT_CRE_CU	TIT_TR_REQ
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51	FCI West	33G09	CDC	2021049	51.23	18-Jul-2006	17-Jul-2020	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
52	FCI West	33G09	CDC	2021050	51.23	18-Jul-2006	17-Jul-2020	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
53	FCI West	33G09	CDC	2021051	51.23	18-Jul-2006	17-Jul-2020	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
54	FCI West	33G09	CDC	2021052	51.23	18-Jul-2006	17-Jul-2020	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
55	FCI West	33G09	CDC	2021053	51.23	18-Jul-2006	17-Jul-2020	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
56	FCI West	33G09	CDC	2021054	51.23	18-Jul-2006	17-Jul-2020	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
57	FCI West	33G09	CDC	2021055	51.23	18-Jul-2006	17-Jul-2020	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
58	FCI West	33G09	CDC	2021056	51.23	18-Jul-2006	17-Jul-2020	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
59	FCI West	33G09	CDC	2021057	51.23	18-Jul-2006	17-Jul-2020	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
60	FCI West	33G09	CDC	2021058	51.23	18-Jul-2006	17-Jul-2020	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
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73	FCI West	33G08	CDC	2099392	51.26	4-Jul-2007	3-Jul-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
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78	FCI West	33G08	CDC	2099401	51.26	4-Jul-2007	3-Jul-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
79	FCI West	33G08	CDC	2120677	51.26	11-Sep-2007	10-Sep-2019	Osisko Baie-James SENC (96214)	\$ -	\$ 1,800
80	FCI West	33G08	CDC	2120678	51.26	11-Sep-2007	10-Sep-2019	Osisko Baie-James SENC (96214)	\$ -	\$ 1,800
81	FCI West	33G08	CDC	2120679	51.26	11-Sep-2007	10-Sep-2019	Osisko Baie-James SENC (96214)	\$ -	\$ 1,800
82	FCI West	33G08	CDC	2120680	51.26	11-Sep-2007	10-Sep-2019	Osisko Baie-James SENC (96214)	\$ -	\$ 1,800
83	FCI West	33G09	CDC	2120681	51.25	11-Sep-2007	10-Sep-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
84	FCI West	33G09	CDC	2120682	51.25	11-Sep-2007	10-Sep-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
85	FCI West	33G09	CDC	2120683	51.25	11-Sep-2007	10-Sep-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
86	FCI West	33G09	CDC	2120684	51.25	11-Sep-2007	10-Sep-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
87	FCI West	33G09	CDC	2120685	51.25	11-Sep-2007	10-Sep-2019	Osisko Baie-James SENC (96214)	\$ -	\$ 1,800
88	FCI West	33G09	CDC	2120686	51.25	11-Sep-2007	10-Sep-2019	Osisko Baie-James SENC (96214)	\$ -	\$ 1,800
89	FCI West	33G09	CDC	2120687	51.25	11-Sep-2007	10-Sep-2019	Osisko Baie-James SENC (96214)	\$ -	\$ 1,800
90	FCI West	33G09	CDC	2120688	51.25	11-Sep-2007	10-Sep-2019	Osisko Baie-James SENC (96214)	\$ -	\$ 1,800
91	FCI West	33G09	CDC	2120689	51.24	11-Sep-2007	10-Sep-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
92	FCI West	33G09	CDC	2120690	51.24	11-Sep-2007	10-Sep-2021	Osisko Baie-James SENC (96214)	\$ 118,116	\$ 2,500
93	FCI West	33G09	CDC	2120691	51.24	11-Sep-2007	10-Sep-2021	Osisko Baie-James SENC (96214)	\$ 228,814	\$ 2,500
94	FCI West	33G09	CDC	2120692	51.24	11-Sep-2007	10-Sep-2021	Osisko Baie-James SENC (96214)	\$ 552,195	\$ 2,500
95	FCI West	33G09	CDC	2120694	51.24	11-Sep-2007	10-Sep-2021	Osisko Baie-James SENC (96214)	\$ 109,677	\$ 2,500
96	FCI West	33G09	CDC	2120696	51.24	11-Sep-2007	10-Sep-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500

FID	Property	NTS	Title Type	Title No.	Area (ha)	Registration Date	Expiry Date	Title Holder	Excess Credit	Work Required
FID	Property	FEU_NO	TER_CODE	TIT_NO	POL_SUPRF	TIT_DAT_EM	TIT_DAT_EX	DET_LIST	TIT_CRE_CU	TIT_TR_REQ
97	FCI West	33G09	CDC	2120697	51.24	11-Sep-2007	10-Sep-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
98	FCI West	33G09	CDC	2120698	51.24	11-Sep-2007	10-Sep-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
99	FCI West	33G09	CDC	2120699	51.24	11-Sep-2007	10-Sep-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
100	FCI West	33G09	CDC	2120700	51.24	11-Sep-2007	10-Sep-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
101	FCI West	33G09	CDC	2120701	51.24	11-Sep-2007	10-Sep-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
102	FCI West	33G09	CDC	2120702	51.24	11-Sep-2007	10-Sep-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
103	FCI West	33G09	CDC	2120703	51.24	11-Sep-2007	10-Sep-2019	Osisko Baie-James SENC (96214)	\$ -	\$ 1,800
104	FCI West	33G09	CDC	2120704	51.24	11-Sep-2007	10-Sep-2019	Osisko Baie-James SENC (96214)	\$ -	\$ 1,800
105	FCI West	33G09	CDC	2120705	51.24	11-Sep-2007	10-Sep-2019	Osisko Baie-James SENC (96214)	\$ -	\$ 1,800
106	FCI West	33G08	CDC	2120711	51.26	11-Sep-2007	10-Sep-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
107	FCI West	33G08	CDC	2120712	51.26	11-Sep-2007	10-Sep-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
108	FCI West	33G08	CDC	2120713	51.26	11-Sep-2007	10-Sep-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
109	FCI West	33G08	CDC	2120714	51.26	11-Sep-2007	10-Sep-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
110	FCI West	33G09	CDC	2120717	51.25	11-Sep-2007	10-Sep-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500
111	FCI West	33G09	CDC	2120719	51.24	11-Sep-2007	10-Sep-2021	Osisko Baie-James SENC (96214)	\$ -	\$ 2,500

APPENDIX II: ROCK SAMPLE DESCRIPTIONS AND LOCATIONS

2019 ROCK SAMPLE DESCRIPTIONS - FCI PROPERTY

Sample ID	Claim Block	Easting	Northing	Showing/ Prospect	Sample Source	Sample Type	Rock Type (Field)	Texture	Colour Fresh	Colour Weathered	Grain Size	Major Minerals	Comments	Cu (%)	Au (g/t)	Ag (g/t)	Zn (%)	Li2O (%)	Ta2O5 (ppm)
142023	East	571613	5931294		Outcrop	Grab	Amphibolite					amp (80%) pl (20%) tur (trace) sulfide (minor)	Outcrop (amphibolite with 10 cm qtz vein)	0.00	0.013	<0.5	0.01	0.01	
142050	East	571879	5931516		Not Recorded								historical sample (PS09-195034) E of 142152 on same ridge	0.02	0.006	<0.5	0.01	0.01	
142074	East	570068	5930412		Outcrop	Grab	Exhalative				fg	py (10%), chl (fg, greenish)	felsic exhalative, chlorite alteration	0.00	0.004	<0.5	0.35	0.00	
142083	East	570289	5930675	CV5	Outcrop	Chip	spd-Pegmatite		white			spd, ms, qtz, fsp		0.00	0.001	<0.5	0.00	3.65	57
142084	East	570401	5930703	CV5	Outcrop	Grab	spd-Pegmatite		white			spd?		0.00	0.001	<0.5	0.00	4.16	31
142085	East	570393	5930685	CV5	Outcrop	Grab	spd-Pegmatite		white			spd?		0.00	<0.001	<0.5	0.01	4.06	564
142086	East	570299	5930701	CV5	Outcrop	chip	spd-tur-Pegmatite		white			spd, tur, po, fl (purple)		0.00	0.001	<0.5	0.00	2.64	135
142087	East	570214	5930666	CV5	Outcrop	Chip	spd-Pegmatite		white			spd, ms, qtz, fsp		0.00	0.008	<0.5	0.00	1.92	29
142088	East	570189	5930659	CV5	Outcrop	Grab	spd-Pegmatite		white			spd (crystals 0.5 cm long)	Outcrop (10 m x 10 m)	0.00	0.001	<0.5	0.00	2.45	186
142089	East	570026	5930529		Boulder	Grab	spd-Pegmatite		white				spd-peg Boulders along strike from peg Outcrops	0.00	0.022	<0.5	0.00	3.78	132
142090	East	569811	5930528	CV6	Outcrop	Grab	spd-tur-Pegmatite		white			qtz, fsp (5-15 cm long crystals), ms, spd (20%)		0.00	<0.001	<0.5	0.01	3.85	12
142091	East	569754	5930471	CV6	Outcrop	Grab	spd-tur-Pegmatite		white			spd, tur		0.00	0.001	<0.5	0.02	1.39	259
142092	East	569704	5930464		Boulder	Grab	spd-Pegmatite		white			spd, ms, qtz, fsp		0.00	<0.001	<0.5	0.00	2.29	271
142093	East	569477	5930243		Boulder	Grab	spd-Pegmatite		white			spd (20 cm long crystals)		0.00	<0.001	<0.5	0.01	1.29	194
142122	East	570282	5930672		Boulder		Not Recorded			rusty		sulfide (~40%, mainly py, semi-massive, fg)	Boulder (~30 cm, rounded, very rusty, difficult to sample), no similar Boulders nearby	0.03	0.02	1.4	0.01	0.01	
142123	East	570357	5930687		Boulder		Not Recorded			rusty		py (40%, semi-massive, fg), ccp? (trace)	Boulder (30-40 cm, sub-round, same as sample 142122, composed of 40% semi-massive fg py and ccp? (tr)), another similar Boulder nearby	0.04	0.006	1.3	0.00	0.01	
142124	East	570404	5930625		Boulder		Amphibolite			rusty		py (2-3%, fg, oriented along fol)	Boulder (2-3 m in size, angular, rusty)	0.02	0.011	<0.5	0.12	0.03	
142125	East	570224	5930658		Outcrop		Metasediment	foliated		rusty		py (15%, fg-mg, stringers along fol)	Outcrop (0.5-1 m in size, rusty, fol), 6-7 m from contact with peg	0.04	0.008	1.4	0.01	0.05	
142126	East	570318	5930671	CV5	Outcrop		spd-Pegmatite			white		spd (20-25%, crystals up to 20 cm across)	huge Outcrop (~30 m in size, up to 35% of rock is spd), close to old sample site	0.00	0.001	<0.5	0.00	2.43	210
142127	East	570277	5930667	CV5	Outcrop		spd-Pegmatite			white		spd-rich	huge Outcrop (~30-40 m in size, up to 35% of rock is spd), sample taken close to contact with metased, a changulare in minerology is observed at the contact which is qtz-rich with no spd, contact (282/54NE)	0.00	<0.001	<0.5	0.00	2.72	19
142128	East	569766	5930475	CV6	Outcrop		spd-Pegmatite			white		spd (20-25%)	Outcrop (~30 m in size, on same N-S trend as prev sampled peg Outcrops), orientation (075/80?)	0.00	<0.001	<0.5	0.00	1.57	116

Sample ID	Claim Block	Easting	Northing	Showing/ Prospect	Sample Source	Sample Type	Rock Type (Field)	Texture	Colour Fresh	Colour Weathered	Grain Size	Major Minerals	Comments	Cu (%)	Au (g/t)	Ag (g/t)	Zn (%)	Li2O (%)	Ta2O5 (ppm)
142129	East	569659	5930359		Boulder		spd-Pegmatite			white		spd	Boulder (sub-round), in field of Boulders similar to rocks sampled at 142126 - 142128	0.00	<0.001	<0.5	0.00	1.69	200
142130	East	568779	5929886		Boulder		spd-Pegmatite			white		spd (10%)	Boulder (rounded)	0.00	<0.001	<0.5	0.00	0.93	347
142131	East	568611	5929792		Boulder		spd-Pegmatite			white		spd (10%)	Boulder (2-3 m in size, very rounded)	0.00	<0.001	<0.5	0.00	0.47	60
142137	East	570802	5931159	CV11	Outcrop		Pegmatite			white		spd (10%, locally 15-18%)	Outcrop (~7 m, granitic pegmatite in contact with amphibolite), contact 300/67SE?	0.00	0.008	<0.5	0.01	0.03	136
142138	East	570838	5931161	CV11	Outcrop		Pegmatite			white		qtz, fsp, mica (green), unknown min (pink, lepdolite?)	Outcrop (~1 m across, no spd observed)	0.00	<0.001	<0.5	0.00	0.12	344
142139	East	570854	5931166	CV11	Outcrop		Pegmatite			white		qtz, fsp (green, spd?), mica (pink, lepdolite?)	Outcrop (~3 m, continuation of peg dyke at 142138)	0.00	<0.001	<0.5	0.00	0.66	386
142140	East	568795	5932100		Outcrop		Pegmatite / Gossan			rusty		qtz (50%), fsp (50%)	pegmatite Outcrop, gossan in part	0.00	0.003	<0.5	0.00	0.00	52
142153	East	571249	5931155		Outcrop	grab	spd-Pegmatite		white		vcg	fsp (40%, w to pink), qtz (35%), mica (15%, green, ms?, 0.5-1 cm grains), spd (10%, gr-blue to creamy, bladed 1-7 cm long)	spd-bearing granite-peg intruded into amphibolite host	0.00	0.005	<0.5	0.00	0.58	111
142154	East	571147	5931140		Outcrop	grab	spd-Pegmatite		white		vcg	fsp (40%, creamy to pink), qtz (30%), mica (10%), tur (15%), spd (5%, large dark crystals)	spd-bearing granite pegmatite Outcrop (E-W trending, greenish alt)	0.00	0.002	<0.5	0.00	2.01	99
142155	East	571070	5931129		Outcrop	Grab	Granite Pegmatite		white		cg	fsp (45%, potassic alt), qtz (40%, large veins), ms (10%, greenish, grains up to 5 cm across), spd	spd rarer here than in 142153, large qtz veins, greenish micas present	0.00	<0.001	<0.5	0.00	0.02	95
142156	East	571516	5931219	CV7	Outcrop	Grab	spd-Pegmatite		white		cg	fsp (40%), qtz (35%), ms (10%) spd (15%, crystals 5-7 cm long, creamy to green)	Outcrop mostly covered by moss	0.00	0.001	<0.5	0.00	4.44	195
142157	East	571611	5931252		Boulder	Grab	spd-Pegmatite		white		vcg	fsp (35%, mg-cg), qtz (35%, mg-cg), spd (20%, large crystals frequently >30 cm), ms (10%, mg-cg)		0.00	<0.001	<0.5	0.01	2.71	164
142164	East	569134	5930008		Boulder	Grab	Pegmatite		white			fsp (cg, bladed), qtz, ms, spd? (1 large crystal)		0.00	<0.001	<0.5	0.00	2.42	316
142165	East	570502	5930351		Boulder	Grab	Pegmatite		white		cg	qtz, fsp, ms, spd (<5%, large crystals, green, euh)	mostly lichen-covered granite and fsp with spd	0.00	<0.001	<0.5	0.00	0.86	220
142183	East	572166	5932731		Outcrop	Grab	Amphibolite Gossan	massive	green-grey	Fe-ox	fg	amp (90%), qtz (5%), py (5%)	Outcrop (NE-trending, 4 m long), historical sample location	0.01	0.006	<0.5	0.05	0.02	
142186	East	572916	5932860		Outcrop	Grab	Amphibolite Gossan		green-grey	Heavy Fe-ox	fg	amp (93%), qtz (5%), py (2%)	E-W trending Outcrop (~35-40 m long)	0.00	0.005	<0.5	0.02	0.00	
142187	East	573084	5932647		Outcrop	Grab	Diabase	massive	dark grey	reddish	fg	amp (99%), qtz (trace)		0.00	0.001	<0.5	0.01	0.01	
142196	East	572214	5932653		Boulder	Grab	Amphibolite	massive		High Fe-ox	fg	amp (95%) qtz (5%)		0.01	0.003	<0.5	0.01	0.01	
142197	East	572217	5932652		Boulder	Grab	Amphibolite Gossan	massive		High Fe-ox	fg	amp (95%) qtz (5%)		0.01	0.002	<0.5	0.01	0.00	
142198	East	572216	5932650		Boulder	Grab	Granodiorite	massive	white	rusty	cg	fsp (55%), qtz (30%), ms (5%), amp (10%)	massive to slightly shistose	0.00	0.01	<0.5	0.01	0.03	
142203	East	571223	5931156		Outcrop	Grab	Pegmatite		white			pl (35%), qtz (30%), ms (15%, br-gr, 0.5-2 cm crystals), spd (10%, lt gr, 1-15 cm crystals), tur (5%)	Outcrop (E-W trending, 10 m x 2 m)	0.00	<0.001	<0.5	0.01	0.89	203

Sample ID	Claim Block	Easting	Northing	Showing/ Prospect	Sample Source	Sample Type	Rock Type (Field)	Texture	Colour Fresh	Colour Weathered	Grain Size	Major Minerals	Comments	Cu (%)	Au (g/t)	Ag (g/t)	Zn (%)	Li2O (%)	Ta2O5 (ppm)
142204	East	571207	5931141		Outcrop	Grab	Pegmatite		white/pink		cg	fsp (40%), qtz (35%), ms (20%), spd (5%, 2-5 cm crystals)	Outcrop (E-W trending, 10 m x 3 m), more potassic than 142203	0.00	<0.001	<0.5	0.01	0.17	126
142205	East	571141	5931138		Outcrop	Grab	Pegmatite		white		vcg	pl (40%), spd (30%, 5-10 cm, dark green-blue), qtz (20%), ms (10%)	Outcrop (E-W trending, 20 m x 2 m), high-grade spd zone	0.00	<0.001	<0.5	0.01	0.76	296
142206	East	571604	5931246		Boulder	Grab	Pegmatite		white		cg	pl (40%), spd (40%), qtz (15%), black min (5%, metallic, tantalite?), tur (trace)	highly mineralized Boulder, sample is 5 m W of 142157	0.00	<0.001	<0.5	0.01	1.62	1011
142211	East	567281	5929805		Boulder	Grab	Pegmatite		white			pl (50%), qtz (30%), ms (15%), spd (5%)	Boulder (2 m x 2 m)	0.00	<0.001	<0.5	0.00	1.00	70
142212	East	569147	5930013		Boulder	Grab	Pegmatite		white	Fe-ox		pl (60%) qtz (30%) ms (9%) spd? (1%)	Boulder (3 m x 2 m, sub-round, weathered)	0.00	<0.001	<0.5	0.00	0.64	59
142213	East	570505	5930347		Boulder	Grab	Pegmatite		white			pl (40%) qtz (40%) spd (20%, dark grey, 1-30 cm)	Boulder (1 m x 1 m, round), 2 m S of 142165	0.00	<0.001	<0.5	0.00	0.63	142
142214	East	570834	5930309		Boulder	Grab	Pegmatite		white			spd (15-20%, 0.5-2 cm)	Boulder (1 m x 2 m, round), 10-15 other peg Boulders in field	0.00	<0.001	<0.5	0.00	0.54	95
142226	East	570141	5930505		Outcrop	Grab	Metasediment	foliated		rusty		py (6-8%, disseminated)		0.01	0.003	<0.5	0.01	0.02	
142227	East	569900	5930549		Boulder	Grab	Basalt?			red?	aph	py (7-9%), qtz	Boulder (20-25 cm, round, rusty, fine stringers of py with qtz)	0.01	0.034	<0.5	0.01	0.01	
142241	East	568685	5931975		Boulder	Grab	Amphibolite			rusty		py (10%, fg-mg, disseminated)	Boulder (sub-angular, very rusty, on esker)	0.03	0.004	1.1	0.03	0.01	
142242	East	568601	5931947		Unable to Ascertain	Grab	Amphibolite			rusty		py (2-3%, fg, disseminated)	Boulder (small, rusty weak to moderate Si alt)	0.01	<0.001	<0.5	0.01	0.02	
142317	East	568729	5931791		Boulder	Grab	Metasediment			very rusty		po (1%, fg, disseminated, veinlets)	Boulder (~20 cm, sub-angular, very rusty)	0.01	<0.001	<0.5	0.01	0.00	
142318	East	569439	5931742		Boulder	Grab	Metasediment	foliated		very rusty		qtz-cc (veins, po (6-12%), ccp (1-2%))	Boulder (sub-angular, fol, rusty, in Boulder field), mins hosted in qtz-cc veins	0.05	0.005	<0.5	0.01	0.00	
142319	East	569511	5931773		Boulder	Grab	Amphibolite			rusty		qtz (veins, 3 cm wide)	Boulder (~1 m, weak alt), within Boulder field	0.01	0.007	<0.5	0.01	0.00	
142363	East	572196	5932643		Boulder	Grab	Amphibolite Gossan			rusty		amp	Boulder (angular), within 7 m x 3 m E-W trending Boulder field	0.02	0.013	<0.5	0.01	0.01	
142364	East	572397	5932875		Outcrop	Grab	Amphibolite			weakly rusty		amp (97%), qtz (3%, veins)	Outcrop (along 100 m x 10 m ridge), slightly gossanous, bedding (075/40S)	0.01	0.002	<0.5	0.01	0.01	
142365	East	572460	5932578		Boulder	Grab	Amphibolite Gossan			rusty		amp	Boulder (30 cm, angular), within 10 m x 5 m NW trending Boulder field	0.00	0.011	<0.5	0.01	0.00	
142366	East	572692	5932692		Outcrop	Grab	Amphibolite			weakly rusty		amp (95%), qtz (5%, veinlets, 1-2 mm thick)	Outcrop (E-W trending, 20 m x 5 m, rounded, slightly gossanous)	0.00	0.002	<0.5	0.01	0.01	
142367	East	572686	5932700		Outcrop	Grab	Amphibolite Gossan			rusty		amp (85%), qtz (15%), py (trace)	Outcrop (2 m x 2 m), sample is 10 m above and S of 142366	0.00	0.004	<0.5	0.02	0.01	
142368	East	572643	5932820		Outcrop	Grab	Amphibolite			weakly rusty		amp (80%), pl (20%), py (trace)	Outcrop (E-W trending, 10 m x 5 m, flat-lying on hill)	0.01	0.002	<0.5	0.01	0.01	
142369	East	572933	5933036		Outcrop	Grab	Diabase / Amphibolite			rusty		amp (90%), qtz 10%	historical sample site	0.01	0.001	<0.5	0.01	0.00	
142370	East	573081	5932646		Outcrop	Grab	Diabase Gossan			weakly rusty		amp	sampled slightly gossanous margin of diabase	0.02	0.006	<0.5	0.02	0.00	
142371	East	571665	5932914		Boulder	Grab	Amphibolite Gossan			rusty		amp (90%) pl (10%), sulfide (trace)	angular Boulders	0.01	<0.001	<0.5	0.01	0.01	

Sample ID	Claim Block	Easting	Northing	Showing/ Prospect	Sample Source	Sample Type	Rock Type (Field)	Texture	Colour Fresh	Colour Weathered	Grain Size	Major Minerals	Comments	Cu (%)	Au (g/t)	Ag (g/t)	Zn (%)	Li2O (%)	Ta2O5 (ppm)
142372	East	571260	5932866		Boulder	Grab	Amphibolite Gossan			rusty		amp (90%) pl (10%), sulfide (trace)		0.00	0.012	<0.5	0.00	0.00	
142373	East	570787	5932796		Outcrop	Grab	Amphibolite / Ironstone			rusty			Amphibolite and Ironstone Outcrop	0.00	0.01	<0.5	0.00	0.00	
142374	East	570936	5932129		Boulder	Grab	Ironstone			rusty			Boulder (1.5 m x 1 m, gossanous)	0.01	0.066	<0.5	0.01	0.00	
142376	East	568652	5932014		Outcrop	Grab	Amphibolite	massive		heavy Fe-ox	fg	amp (95%), qtz (5%), sulfide (<1%, py?)	Outcrop (E-W trending, ~4 m, massive but slightly foliated, no qtz veins)	0.00	<0.001	<0.5	0.01	0.01	
142377	East	568659	5932028		Outcrop	Grab	Amphibolite Gossan					amp (95%), py (5%)		0.00	<0.001	<0.5	0.01	0.02	
142378	East	568641	5932005		Outcrop	Grab	Amphibolite Gossan	massive		heavy Fe-ox	fg	amp (90%), qtz (5%), py (5%)	similar to 142376 except with py	0.00	<0.001	<0.5	0.01	0.03	
142385	East	572403	5932756		Outcrop	Grab	Amphibolite	massive	dark green		fg	amp (95%), qtz (5%)	Outcrop (trends E-W, some foliation)	0.00	0.002	<0.5	0.01	0.01	
142576	East	572108	5932700		Boulder	Grab	Amphibolite			High Fe-ox		amp (80%), qtz (5-10%), apy (up to 10%), py (5%)	part of old sampled Boulder field, highly weathered	0.04	11.9	3.6	0.01	0.00	
142577	East	572141	5932727		Outcrop	Grab	Amphibolite	massive			aph	amp (80%), qtz (15%), bt (5%)	no sulfides, rare qtz veinlets	0.01	0.026	<0.5	0.01	0.01	
142578	East	572188	5932741		Outcrop	Grab	Amphibolite	massive		weak Fe-ox	fg	amp (97%), qtz (3%, rare veins 5-8 mm)	qtz veins are stained rusty	0.01	0.001	<0.5	0.01	0.01	
142579	East	572322	5932811		Outcrop	Grab	Amphibolite			localized Fe-ox	fg	amp (85%), tur (5%), qtz (7%), apy (3%)		0.00	0.056	<0.5	0.00	0.00	
142580	East	572521	5932902		Outcrop	Grab	Amphibolite	massive		weak Fe-ox	fg	amp (95%), qtz (4%), apy (<1%)		0.01	0.003	<0.5	0.01	0.01	
142581	East	571411	5932845		Boulder	Grab	Amphibolite	massive		localized abnt Fe-ox		amp (98%), sulfide (apy/py, 2%)		0.03	0.02	<0.5	0.01	0.01	
142582	East	571027	5932878		Outcrop	Grab	Ironstone			High Fe-ox	fg	qtz (60%), mag (20%), pl (20%)		0.00	0.004	<0.5	0.00	0.00	
142583	East	571300	5932457		Outcrop	Grab	Amphibolite / Ironstone	massive		localized Fe-ox	fg	amp, mag, qtz (veinlets)		0.00	<0.001	<0.5	0.00	0.00	
142584	East	570710	5932039		Boulder	Grab	Amphibolite			high Fe-ox		amp (100%), py? (trace)	part of a 3 m x 2 m Boulder field	0.02	0.016	0.8	0.02	0.00	
142585	East	572520	5932121		Outcrop	Grab	Amphibolite / Ironstone	banded		locally Fe-ox	fg	amp (matrix and 1-2mm tabular clasts), mag (thin sheets), sulfide (1%, disseminated flecks, py/apy)	some qtz/fsp aggregates with Fe-ox weathering, rock is banded, but has irregularly oriented amp clasts 1-2 mm in size	0.00	0.015	<0.5	0.00	0.00	
142586	East	572509	5932111		Outcrop	Grab	Amphibolite Ironstone			local high Fe-ox	aph	amp, mag, sulfide (py/apy, trace)	very weakly magnetic	0.00	<0.001	<0.5	0.01	0.01	
142587	East	572426	5932094		Outcrop	Grab	Amphibolite Ironstone	banded		locally Fe-ox	fg	amp/mag (90%), qtz (10%, Fe-ox stained)	acicular texture, and unlikely to contain sulfides	0.01	0.002	<0.5	0.01	0.01	
142588	East	573207	5931973		Outcrop	Grab	Amphibolite	massive		Fe-ox (surface)	fg	amp (99%), apy (1%, locally, rare blebs)	Outcrop has 2-3 mm weathered crust of Fe-ox	0.00	<0.001	<0.5	0.01	0.01	
142589	East	572746	5932060		Boulder	Grab	Gossan			Rusty red/brown heavy Fe-ox		qtz?, amp?	extremely Fe-ox weathered throughout, hard to tell mins, no visible sulfides	0.00	0.007	<0.5	0.00	0.00	
142590	East	572296	5932018		Outcrop	Grab	Ironstone Gossan			heavy Fe-ox		amp? (65%), mag (20%), qtz (15%)	no visible sulfides, intense weathering, historical sample site	0.00	0.152	<0.5	0.00	0.00	
142591	East	572245	5931989		Outcrop	Grab	Amphibolite			local Fe-ox		amp (80%), grt (10%), py (2%), apy (2%), bt? (8%, dark platy min)	dime sized garnets, lenses of dark platy mineral (bt?)	0.00	0.001	<0.5	0.01	0.01	
142592	East	572086	5931756		Outcrop	Grab	Amphibolite Gossan					amp (95%), qtz (5%), sulfide (trace, apy/py)	Outcrop trends E-W	0.02	0.002	<0.5	0.01	0.00	
142593	East	575792	5933935		Outcrop	Grab	Amphibolite	massive	green-black	High Fe-ox	fg	amp		0.00	0.003	<0.5	0.01	0.01	

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142594	East	575815	5933921		Outcrop	Grab	Gossan			High Fe-ox	mg - cg	qtz (abundant), ms, sulfide (py, apy, 5-10%)	difficult to determine protolith due to weathering	0.00	0.018	0.5	0.00	0.00	
142676	East	568791	5932102		Outcrop	Grab	Granite Pegmatite			weakly rusted (surface)			Outcrop (~8 m), no significant mineralization	0.00	0.005	<0.5	0.00	0.01	44
142726	East	567434	5930262		Outcrop	Grab	Amphibolite	foliated			mg - cg	py (fg, disseminated, trace-1%)	Outcrop (~2 m)	0.02	0.001	<0.5	0.01	0.01	
142727	East	567523	5930319		Outcrop	Grab	Amphibolite	foliated			cg	po (4-5%, mg-cg, disseminated)	Outcrop (~2 m, weakly foliated)	0.04	0.001	<0.5	0.02	0.01	
142728	East	567424	5930474		Outcrop	Grab	Amphibolite	foliated		locally rusty		qtz (veins, metraceic-plurimetric), sulfide (rare, trace)	Outcrop (~10 m, patches of rust), foliation (055/60SE)	0.01	0.002	<0.5	0.01	0.00	
142729	East	567913	5930551		Boulder	Grab	Amphibolite Gossan			very rusty	mg - cg		Boulder (60 cm, sub-angular), too rusty to correctly see sulfides	0.00	0.007	<0.5	0.02	0.00	
142730	East	567981	5930389		Boulder	Grab	Amphibolite			very rusty			Boulder (~1 m), no significant mineralization	0.00	0.003	<0.5	0.00	0.00	
142731	East	568894	5930618		Outcrop	Grab	Gossan			very rusty		mica, qtz	Outcrop (~10 m), strong silica alteration, no significant mineralization observed	0.00	0.002	<0.5	0.00	0.00	
142732	East	568955	5930626		Outcrop	Grab	Gossan			very rusty		py/po (2%, stringers), mag	Outcrop (~15 m), very similar to Outcrop at 142731, strong qtz alteration associated with leaching	0.01	0.004	0.9	0.00	0.00	
142733	East	569114	5930592		Outcrop	Grab	Banded Iron Formation	foliated		rusty		mag, hem	Outcrop (~3 m, strongly magnetic, no mineralization observed)	0.00	0.125	<0.5	0.00	0.00	
142734	East	569428	5930671		Outcrop	Grab	Amphibolite	foliated		very rusty		po (3%, fg-mg, disseminated)	Outcrop (~10 m, weakly fol and magnetic)	0.00	0.003	<0.5	0.01	0.00	
142735	East	569681	5930755		Outcrop	Grab	Amphibolite	foliated		rusty	cg	po (6%, fg-cg, disseminated)	Outcrop (~2 m, rusty, foliated)	0.03	0.019	<0.5	0.02	0.00	
142736	East	569770	5930845		Outcrop	Grab	Amphibolite	foliated		rusty	cg	py (trace)	Outcrop (~4 m, rusty, foliated), foliation (075/62S)	0.00	0.006	<0.5	0.01	0.00	
142737	East	570423	5931093		Outcrop	Grab	Metasediment	foliated		rusty	fg - mg	py (1%, mg, disseminated)	Outcrop (~9 m, rusty, foliated), foliation (070/59S)	0.00	0.003	<0.5	0.01	0.00	
142738	East	570425	5931137		Outcrop	Grab	Metasediment					qtz (veins)	Outcrop (~4 m, cross cut by well crystallized qtz veins associated with alteration (see sample 142791)), foliation (345/9S)	0.00	<0.001	<0.5	0.00	0.02	
142739	East	570532	5931184		Outcrop	Grab	Amphibolite	foliated		very rusty	cg	po (1-2%, fg-mg)	Outcrop (~4 m, very rusty, foliated)	0.01	0.008	<0.5	0.01	0.00	
142740	East	570945	5931243		Outcrop	Grab	Amphibolite	foliated		rusty		po (2-3%, disseminated)	Outcrop (~4 m, rusty, foliated)	0.03	0.003	<0.5	0.02	0.00	
142776	East	567429	5930474		Outcrop	Grab	Amphibolite			rusty		qtz (veinlets, 1-2 cm)	no visible sulfides on fresh	0.01	0.003	<0.5	0.01	0.00	
142777	East	567501	5930591		Outcrop	Grab	Metasediment	schistose	dark grey	rusty		po (fg, veinlets, bands)	schistosity (091/36S)	0.01	0.005	<0.5	0.01	0.01	
142778	East	567593	5930629		Outcrop	Grab	Metasediment	schistose	dark grey	rusty		graphite?, bt (rusty)	no visible sulfides, graphite?-bearing	0.00	0.002	<0.5	0.01	0.00	
142779	East	567717	5930713		Boulder	Grab	Metasediment		grey		fg	po (minor)	Boulder (large, angular, prob didn't move too far)	0.00	<0.001	<0.5	0.01	0.01	
142780	East	568018	5930317		Outcrop	Grab	Metasediment	schistose	grey		aph	po (5%, small lenses)	Outcrop (~50 m, moderately schistose)	0.00	0.001	<0.5	0.01	0.01	
142781	East	568235	5930273		Boulder	Grab	Metasediment	foliated				sulfide (5%, 1 mm bands, patches)	Boulder (sub-round)	0.02	<0.001	<0.5	0.00	0.01	
142782	East	568665	5930403		Boulder	Grab	Iron formation					qtz, po	Boulder (20-30 cm, rounded)	0.01	0.005	<0.5	0.00	0.00	
142783	East	568851	5930650		Outcrop	Grab	Amphibolite			moderately rusty	mg - cg		no visible sulfides	0.06	0.002	<0.5	0.01	0.00	

Sample ID	Claim Block	Easting	Northing	Showing/ Prospect	Sample Source	Sample Type	Rock Type (Field)	Texture	Colour Fresh	Colour Weathered	Grain Size	Major Minerals	Comments	Cu (%)	Au (g/t)	Ag (g/t)	Zn (%)	Li2O (%)	Ta2O5 (ppm)
142784	East	568948	5930624		Outcrop	Grab	Iron formation?	foliated		Very rusty		qtz (85%), bt & Fe-Ox (15%, bands), sulfide (trace)	deeply rusted (~20 cm rind), sparse sulfides	0.00	0.001	<0.5	0.00	0.00	
142785	East	569018	5930588		Outcrop	Grab	Iron formation	foliated				qtz (70%), mag (30%)	well foliated, str magnetic, foliation (020/65E)	0.00	0.002	<0.5	0.00	0.00	
142786	East	569124	5930609		Boulder	Grab	Iron formation					qtz (60-70%), Fe-Ox, bt, sulfide (minor)	Boulder (possibly close to source), Ironstone Outcrop	0.01	0.003	<0.5	0.01	0.00	
142787	East	569423	5930665		Outcrop	Grab	Iron formation / Amphibolite			Very rusty		mag	Outcrop (exposed over 10s of m, localized areas are banded and highly magnetic, other areas amp rich and less magnetic)	0.00	0.001	<0.5	0.01	0.00	
142788	East	569680	5930752		Outcrop	Grab	Amphibolite			rusty		sulfide (3%)		0.02	0.002	<0.5	0.02	0.00	
142789	East	569729	5930825		Outcrop	Grab	Metasediment	foliated	grey		fg	sulfide (few)		0.00	<0.001	<0.5	0.00	0.01	
142790	East	570367	5931042		Boulder	Grab	Iron formation / Amphibolite			rusty		qtz, amp, sulfide (minor)	Boulder (sub-rounded)	0.00	0.523	<0.5	0.00	0.00	
142791	East	570421	5931139		Outcrop	Grab	Metasediment			rusty brown (alteration)		qtz (vein)	sample is from contact zone of cross-cutting qtz vein (142738)	0.00	0.001	<0.5	0.00	0.02	
142792	East	570449	5931168		Outcrop	Grab	Amphibolite			rusty		sulfide (3%)	Outcrop exposed as little bands within larger ridge	0.07	0.013	<0.5	0.01	0.00	
142793	East	570964	5931233		Outcrop	Grab	Amphibolite					po (3%, 5 cm wide layer)		0.05	0.004	<0.5	0.01	0.00	
142857	East	567178	5929851		Boulder	Grab	Amphibolite	massive		weak Fe-ox	fg	amp (80%), qtz (10%), ms (5%, cg)	no visible sulfides	0.00	0.001	<0.5	0.01	0.01	
142858	East	567982	5930018		Boulder	Grab	Amphibolite	massive		weak Fe-ox	fg	amp (100%), qtz (trace)	no visible sulfides	0.01	<0.001	<0.5	0.01	0.01	
142859	East	568635	5929398		Boulder	Grab	Metasediment					qtz-bt (groundmass), grt (1-2 mm) py (trace)	pelitic based	0.01	<0.001	<0.5	0.01	0.00	
142860	East	570898	5930743		Outcrop	Grab	Metasediment					qtz-bt-fsp (groundmass), grt (red, mm-scale), qtz (sigmoidal)	pelitic based	0.01	0.005	<0.5	0.01	0.05	
142861	East	570740	5930658		Outcrop	Grab	Metasediment		green-grey	moderate Fe-ox		qtz, bt, fsp, grt (1-3 mm), apy (trace)		0.00	0.004	<0.5	0.04	0.00	
142862	East	570513	5930619		Outcrop	Grab	Amphibolite Gossan	porphyritic	light grey	High Fe-ox	fg	amp/qtz (groundmass), tur (cg, black, euh), sulfide (2%, apy)		0.01	0.001	0.7	0.00	0.00	
142876	East	572437	5932116		Outcrop	Grab	Ironstone					mag (60%), qtz (29%), amp (10%), apy (1%), py (trace)	chloritized	0.02	1.705	1.9	0.00	0.00	
142877	East	572438	5932105		Outcrop	Grab	Amphibolite Ironstone					amp (80%), mag (20%)		0.02	0.012	<0.5	0.01	0.01	
142878	East	572396	5932082		Outcrop	Grab	Amphibolite Ironstone					amp (70%), mag (30%)		0.01	0.005	<0.5	0.01	0.01	
142879	East	573308	5932033		Outcrop	Grab	Amphibolite			High Fe-ox		amp (80%), srp (15%), ms (5%), unknown black min (trace)	many weathered away veins	0.01	<0.001	<0.5	0.01	0.00	
142880	East	572754	5932064		Boulder	Grab	Amphibolite			High Fe-ox		amp (80%), qtz (20%, veins), ccp (trace)	highly gossanous	0.00	0.013	<0.5	0.01	0.00	
142881	East	572349	5932047		Outcrop	Grab	Amphibolite Ironstone					amp	gossanous	0.01	0.003	<0.5	0.01	0.00	
142882	East	572258	5931958		Outcrop	Grab	Gossan					qtz (veins), sulfide (disseminated, minor py/apy)		0.01	0.002	<0.5	0.00	0.00	
142883	East	572108	5931782		Outcrop	Grab	Amphibolite Gossan					amp (95%), qtz (5%, minor veins)		0.03	0.002	<0.5	0.02	0.01	
142884	East	575744	5933919		Outcrop	Grab	Amphibolite			white-green		amp (100%)	highly sericite?-altered amphibolite	0.00	0.002	<0.5	0.01	0.00	
142885	East	575818	5933946		Outcrop	Grab							sericite-altered, historical channel sample location at Lac Bruno	0.01	0.002	0.5	0.07	0.01	

Sample ID	Claim Block	Easting	Northing	Showing/ Prospect	Sample Source	Sample Type	Rock Type (Field)	Texture	Colour Fresh	Colour Weathered	Grain Size	Major Minerals	Comments	Cu (%)	Au (g/t)	Ag (g/t)	Zn (%)	Li2O (%)	Ta2O5 (ppm)
142894	East	568010	5930077		Outcrop	Grab	Metasediment					qtz (clasts, minor)	Outcrop (5 m x 1 m, pelitic based), historically sampled	0.00	<0.001	<0.5	0.00	0.01	
142895	East	569014	5930276		Boulder	Grab	Metasediment					qtz (veins, 1 mm)	Boulder (angular, 1 m in size)	0.00	<0.001	<0.5	0.01	0.01	
142896	East	569563	5929626		Boulder	Grab	Qtz Vein					qtz (vein, 10 cm)	Boulder (4 m x 2 m), amphibolite-hosted qtz vein sampled	0.00	<0.001	<0.5	0.00	0.00	
142897	East	570337	5930554		Outcrop	Grab	Qtz Vein					grt (40%), qtz (30%), pl (20%), amp (10%)	Outcrop (20 m x 10 m, E-W trending, 100 m S and parallel to CV5), sampled 1 m thick qtz vein hosted in metased?	0.00	<0.001	<0.5	0.01	0.00	
142898	East	570990	5930790		Outcrop	Grab	grt-Amphibolite					amp (60%), pl (30%), grt (10%), ccp (minor, disseminated), qtz (veins, 1-2 cm)	Outcrop (3 m x 1 m)	0.00	0.001	<0.5	0.01	0.01	
142976	East	570744	5930664		Outcrop	Grab	Amphibolite Ironstone			Fe-ox		apy (trace), py (trace)	Outcrop (15 m x 5 m), sample is 1 m above and 3 m east of 142861	0.01	0.003	0.5	0.05	0.00	
142977	East	570476	5930600		Outcrop	Grab	grt-Amphibolite			Fe-ox		amp (60%), bt (20%), pl (15%), tur (5%)	Outcrop (E-W trending, 10 m x 1 m, slightly gossanous)	0.01	<0.001	<0.5	0.00	0.01	
143005	East	572217	5932648		Boulder	Grab	Amphibolite			Fe-ox		sulfide (5%, very white, apy?)		0.02	0.008	<0.5	0.01	0.01	
143006	East	572218	5932649		Boulder	Grab	Amphibolite			minor Fe-ox		apy (8%, mg)		0.03	0.003	<0.5	0.02	0.02	
143007	East	572219	5932653		Boulder	Grab	Amphibolite				fg - mg	apy (5-8%)	Boulder (angular)	0.02	0.153	<0.5	0.01	0.00	
143008	East	572104	5932702		Boulder	Grab	Amphibolite					apy (30%, veins)		0.01	0.737	0.5	0.01	0.00	
143009	East	572105	5932701		Boulder	Grab	Amphibolite					apy (20%)	Boulder (angular)	0.03	0.005	<0.5	0.02	0.02	
143010	East	572139	5932728		Boulder	Grab	Amphibolite			High Fe-ox		apy (15%), grt (5%)	in small hole; either an old trench (50 cm) or mud hole, 10 cm below surface	0.02	0.049	<0.5	0.02	0.01	
143011	East	572164	5932730		Outcrop	Grab	Amphibolite			Fe-ox		apy (5-8%)	rusty thin layer, 15 cm in Outcrop, foliation? 080/40S	0.02	0.009	<0.5	0.09	0.02	
143012	East	572318	5932794		Boulder	Grab	Amphibolite			minor Fe-ox		apy (3%)	Boulder (sub-round, 40 cm in	0.03	0.004	<0.5	0.02	0.01	
143013	East	572559	5932846		Outcrop	Chip	Amphibolite					apy (15%)	not rusty	0.04	0.017	0.7	0.02	0.00	
143014	East	572625	5932924		Outcrop	Grab	Amphibolite	foliated		localized Fe-ox		po (7%, fg-mg, disseminated), qtz (veinlets)	Outcrop (30 m)	0.00	0.022	<0.5	0.01	0.01	
143016	East	569001	5931297		Outcrop	Grab	Amphibolite			Fe-ox	cg	po (1-3%)	sample is from 50 cm x 40 cm rusty lens, more are nearby	0.01	0.005	<0.5	0.02	0.00	
143017	East	569049	5931283		Outcrop	Grab	Amphibolite			Fe-ox	cg	amp, py (5%)	Outcrop (15 m x 5 m exposure)	0.01	0.049	<0.5	0.01	0.00	
143018	East	569266	5931980		Outcrop	Grab	Amphibolite			localized Fe-ox	cg	sulfide (3%)	Outcrop (~10 m, dipping 60°S)	0.01	<0.001	<0.5	0.01	0.01	
143019	East	569436	5931738		Boulder	Chip	Metasediment		dark grey	Fe-ox		po/ccp (veinlets and pockets)	Boulder (angular), in Boulder field	0.07	0.017	<0.5	0.01	0.00	
143020	East	569436	5931740		Boulder	Chip	Metasediment		orange-grey	rusty (fe-ox)		po (veins, magnetic, silvery)		0.01	0.016	<0.5	0.01	0.00	
143021	East	569843	5931262		Outcrop	Grab	Metasediment?		dark green		fg		similar to 143019-20, but no visible mineralization	0.00	0.002	<0.5	0.01	0.02	
143022	East	567418	5930249		Outcrop	Chip	Amphibolite			weak Fe-ox		po (5%)	barely exposed	0.02	<0.001	<0.5	0.01	0.01	
143023	East	567528	5930313		Outcrop	Grab	Amphibolite					po (1%), bt, qtz (vein)	bt is within a well developed reddish alt band	0.01	0.01	<0.5	0.01	0.01	
142001	West	562790	5930136		Outcrop	Grab	Granite			minor Fe staining on qtz		qtz (50%, 2-3 mm), fsp (49%, 2-3 mm), bt (1%, 3 mm), tur (minor)	granite ridge trending 240° modocraiticall	0.00	0.049	<0.5	0.00	0.03	
142002	West	562851	5930036		Outcrop	Grab	Granite					no sulfide observed	Outcrop (granite, 25 m long, E-W trending, white weathered?), sampled 5 m x 1 m gossanous section weathering more toward center	0.00	<0.001	<0.5	0.00	0.04	

Sample ID	Claim Block	Easting	Northing	Showing/ Prospect	Sample Source	Sample Type	Rock Type (Field)	Texture	Colour Fresh	Colour Weathered	Grain Size	Major Minerals	Comments	Cu (%)	Au (g/t)	Ag (g/t)	Zn (%)	Li2O (%)	Ta2O5 (ppm)
142003	West	562851	5930038		Outcrop	Grab	Granite		white	white, local Fe staining		fsp (50%, white, mm to 10s cm long lathes or veins?), qtz (40%, 15 mm), bt (10%, sheets), no sulfides observed	highly resistant, 1 m south of gossanous zone (sample 142002)	0.00	0.002	<0.5	0.00	0.01	
142004	West	562597	5930050		Outcrop	Grab	Gossan					qtz (vein), no sulfide observed	~50 m long gossanous ridge, Outcrop (3 m x 2 m, gossan), sampled 1 m x 1 m area	0.00	<0.001	<0.5	0.00	0.00	
142005	West	562588	5930053		Outcrop	Grab	Qtz Vein					qtz (vein, 10 cm wide?)	west of sample 142004 along same ridge	0.01	0.001	<0.5	0.00	0.01	
142006	West	562447	5930088		Outcrop	Grab	Granodiorite						same ridge as 142004 and 142005, gossanous, locally gneissic?	0.00	0.004	<0.5	0.00	0.00	
142007	West	559186	5930768		Boulder	Grab	Schist						5 m x 5 m gossanous zone on E-W trending ridge, ~25 m W of 142030 on same ridge, semi-buried Boulders appear very close to source	0.01	0.001	<0.5	0.01	0.03	
142008	West	559045	5930693		Boulder	Grab	mag Gossan					qtz rich, mag	Boulder (semi rounded, gossanous), same ridge as	0.02	0.019	0.5	0.13	0.00	
142009	West	559193	5930796		Outcrop	Grab	Granite				mg	qtz (40%, 3-5 mm grains), pl (35%, 2-10 mm), kfs (15%, 5-10 mm), bt (10%, 2-3 mm), tur (trace, 5-10 mm), mag (trace, 5-10 mm)	E-W trending ridge, granite with nodules (mag, 1- 2 cm), qtz (veins, 2-3 cm)	0.00	<0.001	<0.5	0.00	0.00	
142010	West	560973	5930990		Outcrop	Grab	Granite				mg	qtz (40%, 4-5 mm), Fsp (60%, 4-5 mm)	E-W trending ridge parallel to 142033	0.00	<0.001	<0.5	0.00	0.00	
142011	West	561557	5930640		Outcrop	Grab	Qtz Vein					qtz (100%), mlc(trace), mag (trace, nodules, 1 cm)	qtz vein in a granitic host, cooling margin on vein, sample is 15 m E of 142034	0.01	0.002	<0.5	0.00	0.00	
142012	West	561599	5930155		Outcrop	Grab	Amphibolite					amp (50%), qtz (29%), pl (20%), apy (1%), py (trace)	ridge (E-W trending, gossanous, 20 m x 10 m)	0.01	0.008	<0.5	0.00	0.00	
142013	West	561599	5930158		Outcrop	Grab	Amphibolite					amp (50%), qtz (29%), pl (20%), as py (1%), py (trace)	gossanous, sample is 2 ft above 142012	0.01	0.005	<0.5	0.00	0.00	
142014	West	561040	5930133		Outcrop	Grab	Gossan					sulfide rich (py, ccp, apy)	E-W trending ridge (5 m x 5 m x 2 m high)	0.00	0.006	<0.5	0.01	0.01	
142015	West	561039	5930137		Outcrop	Grab	Qtz Vein					qtz (100%), no sulfide	gossanous qtz vein within amphibolite host rock, sample is 2 m N of 142014 veins	0.00	0.089	<0.5	0.00	0.00	
142016	West	561441	5930030		Outcrop	Grab	Qtz Vein					qtz vein (disseminated sulfides - py (trace), ccp (trace)	gossanous qtz vein (2 ft wide) in granitic host rock, 10 m N of 142039	0.04	0.004	<0.5	0.00	0.02	
142017	West	562869	5929922		Outcrop	Grab	Granite					qtz (50%, Fe stained), fsp (30%), bt (20%)	Outcrop (granite, slightly gossanous), sample is 2 m south of 142041	0.00	0.007	<0.5	0.01	0.01	
142018	West	562868	5929842		Outcrop	Grab	Qtz Vein					qtz (90%), bt (10%), sulfide (trace)	Outcrop (3 m x 3 m, gossanous), sample is 5 m E of 142042	0.03	<0.001	<0.5	0.00	0.00	
142019	West	562758	5928690		Boulder	Grab	Amphibolite					qtz (vein, 3 cm wide), amp (70%), pl (30%)	Boulder (E-W trending, 3 m x 1 m, flat, slightly gossanous)	0.00	0.001	<0.5	0.02	0.01	
142020	West	552551	5928944		Boulder	Grab	Granite					qtz (40%), pl (50%), bt (10%)	Boulder (rusty, granitic, 2 m x 2 m), sample is 30 m NE of 142152	0.00	0.001	<0.5	0.00	0.01	

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142021	West	553372	5929072		Boulder	Grab	Amphibolite			slightly rusty		amp (70%) ms (25%) py (2%) qtz (3%)	Boulder (slightly rounded and rusty, 1 m x 1 m)	0.01	0.005	0.5	0.01	0.01	
142022	West	553990	5929212		Outcrop	Grab	Amphibolite					amp (80%), pl (20%), sulfide (trace)	Outcrop (E-W trending, 10 m x 3 m)	0.00	0.013	<0.5	0.01	0.01	
142026	West	562868	5930006		Outcrop	Grab	Granite					fsp, qtz, dark min (smoky qtz or tur)	granite composed of 3 mm to 2 cm clasts of equigranular - porphyroblastic fsp and qtz, potassic alteration	0.00	0.002	<0.5	0.00	0.03	
142027	West	562563	5930076		Outcrop	Grab	Granodiorite	salt and pepper	light grey	med grey, heavy Fe staining		bt (40%), fsp (35%), qtz (25%)	intermediate granodiorite Outcrop, breaks along cleavage planes but looks massive	0.00	<0.001	<0.5	0.01	0.01	
142028	West	562579	5930055		Outcrop	Grab	Granodiorite			high Fe-ox	fg	granodiorite (bt (35%), fsp (30%), qtz (30%), ms (5%)), qtz vein (1-5 mm, possible ms or sulfide flecks, massive, heavy FeO alt)	granodiorite (lt gy, salt & pepper, foliated, breaks along bt cleavage) and qtz vein (dk gy, smoky)	0.00	0.001	<0.5	0.00	0.00	
142029	West	562515	5930076		Outcrop	Grab	Granodiorite	gneissic		heavy Fe alteration	fg	bt (35%, fg), fsp (30%, fg), qtz (30%, fg - mg, cm-scale veining), ms (5%, vfg)	locally bt foliated into gneissic texture, gossanous	0.00	0.011	<0.5	0.00	0.00	
142030	West	559258	5930770		Outcrop	Grab	Granite	equigranular			cg	qtz (45%, 2-4 mm, irreg cm-scale veins) fsp (40%, 2-4 mm) bt (15%, 1-2 mm), no sulfides	potassic alteration, cm scale qtz veins	0.00	0.009	<0.5	0.00	0.00	
142031	West	559149	5930756		Outcrop	Grab	Gneiss	foliated			fg - mg	bt (50%), fsp (30%), qtz (15%), chl? (5%)	minor cm-scale folds, intermediate composition, some Fe alt, possible green chlorite alt, no sulfides or qtz veins, cleavage 107/60S	0.01	0.003	<0.5	0.01	0.02	
142032	West	559192	5930792		Outcrop	Grab	Qtz Vein	equigranular	light grey to smoky		mg	qtz (100%, 1-4 mm grains)	qtz vein in granite Outcrop (142009), no visible minerals, rare potassic stains	0.00	0.007	<0.5	0.00	0.00	
142033	West	559884	5930820		Outcrop	Grab	Granite					fsp (60%), qtz (40%, wormy smoky grey blebs), bt (trace)	Outcrop (trending E-W along ridge, slight potassic alteration, no veins)	0.00	0.004	<0.5	0.00	0.01	
142034	West	561540	5930645		Outcrop	Grab	Granodiorite				cg	amp (50%, cg), fsp (30%, cg, potassic alt throughout), qtz (20%, mg - cg, abund 1-2 cm veins)	non-foliated	0.00	0.013	<0.5	0.01	0.01	
142035	West	562100	5931063		Boulder	Grab	Granodiorite	salt and pepper				amp (40%, 1-3 mm), qtz (30%, 1-3 mm), fsp (30%, 1-3 mm)	has 20-30 cm K-altered qtz vein (potassic alt at edge, then white, then smoky grey in middle)	0.00	0.008	<0.5	0.00	0.02	
142036	West	561574	5930065		Outcrop	Grab	Amphibolite		dark grey-green	Fe-ox staining	fg	amp (70%), pl (20%, layers and blebs), py (10%, fg, blebs associated with dark layers)	on ridge ~80 m W of 142013, foliation and layering of mins (different shades of grey)	0.02	0.005	<0.5	0.00	0.01	
142037	West	561382	5930063		Outcrop	Grab	Amphibolite Gossan			rusty red to green, heavy Fe oxidation		amp (30%), bt (30%), pl (20%), qtz (20%)	heavily weathered, often cannot tell original rock, cleavage 093/68S	0.00	0.002	<0.5	0.01	0.01	
142038	West	561058	5930134		Outcrop	Grab	Granite			heavy Fe-ox		pl (45%), qtz (35%), tur (15%), mica (5%)	E of 142014 and 142015, heavily weathered, greenish weathering frags	0.00	0.041	<0.5	0.00	0.00	

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142039	West	561441	5930046		Outcrop	Grab	Amphibolite		dark grey-green	Fe-ox staining	fg	amp (70%), pl (20%, layers and blebs), py (10%, fg, blebs associated with dark layers)	foliation and layering, cleavage (bedding?) 118/86SW	0.00	0.026	<0.5	0.01	0.02	
142040	West	562808	5929908		Outcrop	Grab	Gossan			stained rusty red (Fe-ox)	vcg	qtz (100%, 3 - 5 mm)		0.00	<0.001	<0.5	0.00	0.02	
142041	West	562871	5929919		Outcrop	Grab	Qtz Vein					qtz (100%, 20-50 cm, cloudy-clear)	slight pink potassic alteration	0.00	<0.001	<0.5	0.00	0.01	
142042	West	562863	5929849		Outcrop	Grab	Gossan		dark grey	highly Fe-ox altered		qtz (80%, 1 - 3 mm, dark grey, smoky), bt (20%, 2 - 4 mm)	some greenish alteration	0.00	0.003	<0.5	0.00	0.00	
142043	West	563306	5928591		Outcrop	Grab	Amphibolite					amp (70%), pl (20%), mica (10%), no sulfide		0.02	<0.001	<0.5	0.01	0.01	
142044	West	552234	5929109		Outcrop	Grab	Amphibolite	equigranular		weak Fe-ox	fg	amp (80%, fg), fsp (10%, fg), qtz (5%, fg), ms (5%, vfg)	weak foliation, 2-3 cm qtz veins, historically sampled on contact with granite peg, this sample is ~ 10 m E of 142202	0.00	0.008	<0.5	0.01	0.06	
142045	West	551710	5929129		Outcrop	Grab	Amphibolite			Fe-ox		amp (80%), fsp (10%), mag (5%), Aspy (2%), py (3%), no qtz	Outcrop (small, E-W trending , mag-rich)	0.01	0.013	0.6	0.01	0.02	
142046	West	552527	5928936		Outcrop	Grab	Amphibolite					amp (80%, fg), fsp (15%, fg), py (5%, fg)	In contact with granite at 142152	0.11	0.024	1.6	0.01	0.01	
142047	West	553806	5929073		Boulder	Grab	Gossan	foliated		heavy Fe-ox	mg	qtz (80%, mg-cg), msc (15%, fg-vcg), py (5%, vfg)	Boulder (gossan, crumbles easily, possibly granite-based)	0.05	0.034	10.1	0.08	0.00	
142051	West	562384	5928004		Boulder	Grab	Quartzite					qtz (veins, disseminated, plurimetric), chl (minor), bt, no visible sulfide	Boulder (rounded, 30 x 20 cm), other Boulders in area are granitic, amphibolite, and metasediment	0.00	0.002	<0.5	0.00	0.00	
142052	West	562282	5927938		Boulder	Grab	Amphibolite			rusty + yellow orange		amp, grt, sulfides? (yellow, secondary, disseminated on fresh surf)	strongly altered	0.00	0.001	<0.5	0.01	0.01	
142053	West	562205	5927899	Lac de la Corvette	Outcrop	Grab	Massive Sulphide					sp (30%), po (15%), ccp (minor)	semi-massive, from muck pile, VMS in old trench ~ 3 m long in contact with barren amp to N, sulf-rich Boulder field extends ~ 20 m to S	0.44	0.023	10.8	7.09	0.00	
142054	West	562206	5927899	Lac de la Corvette	Outcrop	Grab	Massive Sulphide					po (20%, layers), ccp, sp	within amphibolite host rock, unknown measurement 110/80S?	0.22	0.003	4.9	0.03	0.00	
142055	West	562804	5927569		Boulder	Grab	Amphibolite			rusty		qtz clasts	angular, rusty weathering, very porous, lots of leaching	0.00	0.002	<0.5	0.02	0.00	
142056	West	562878	5927403		Outcrop	Chip					fg	ccp (1 - 2%), mo? (silver-bluish veinlet)	granitic layer/dyke cutting amphibolite	0.08	0.031	<0.5	0.01	0.01	
142057	West	562004	5927765		Boulder	Grab	Granodiorite			rusty		po (5%, disseminated)	rounded, rusty, first of this kind coming from south where granite dominated	0.01	<0.001	<0.5	0.01	0.01	
142058	West	558849	5928788		Boulder	Grab	Not Recorded		grey	rusty	fg	py (5-10%)		0.01	0.037	<0.5	0.01	0.00	
142059	West	560159	5928556		Boulder	Grab	Massive Sulphide	massive				py+po (~ 90% combined, massive), ccp (10%), qtz	amphibolite cut by semi-massive to massive sulfides, sample from trench, muckpile from old blasting, historical trench with multiple channel samples cut	0.27	0.009	3.6	0.01	0.00	

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142060	West	560160	5928556	Tyrone-T9	Outcrop	Grab	Amphibolite	brecciated				amp (85%), ccp (15%), qtz (trace, veins)	same historical trench as 142059 with multiple channel samples cut, amphibolite brecciated by qtz veins	0.97	0.098	8.6	0.11	0.02	
142061	West	560406	5929259		Outcrop	Grab	Amphibolite	foliated		rusty	fg	amp (95%), sulfide (5%, veinlets)	foliation 069/455	0.01	0.014	<0.5	0.01	0.00	
142062	West	560508	5929181		Outcrop	Grab	Amphibolite			rusty		amp (100%), minor py, po, apy	sampled rusty patch (20 cm x 30 cm) within amphibolite Outcrop, historical sample 195799	0.01	0.018	<0.5	0.03	0.00	
142063	West	560771	5929201		Boulder	Grab	Amphibolite			rusty		amp (97%), grt (3%), sulfide (py, disseminated, minor)		0.01	0.005	<0.5	0.02	0.01	
142064	West	561473	5929001		Outcrop	Grab	Qtz Vein			rusty		qtz vein (5 cm wide, rusty, sulfide (10%, mostly py, vfg)	qtz vein extends within amphibolite at least 5 m, sample 142113 is same vein	0.03	0.006	<0.5	0.03	0.06	
142065	West	561728	5929019		Boulder	Grab	Not Recorded			rusty	fg	py (disseminated), groundmass (vfg, light grey)	sampled three angular (1 m x 1 m x 1 m) Boulders, similar to sample 142114	0.01	0.002	<0.5	0.04	0.01	
142066	West	562059	5928835		Outcrop	Grab	Qtz Vein	sucrosic			fg	qtz (97%) sulfide (3%, fg)	Outcrop is pegmatite with tourmaline, rusty surf (may be from runoff water to N), sample is qtz vein	0.02	0.001	<0.5	0.00	0.02	
142069	West	551667	5930684		Boulder	Grab	Metasediment					qtz (vein), bt, fsp	Boulder of metased with barren qtz vein	0.00	0.003	<0.5	0.00	0.01	
142070	West	552349	5930725		Boulder	Grab	Metasediment	foliated		rusty		bt, qtz, fsp, py(1-3%, disseminated)	all mins strongly foliated	0.05	0.015	1.4	0.01	0.01	
142071	West	552706	5930172		Boulder	Grab	Granodiorite					amp, ep	granodiorite/ tonalite with mafic enclaves (up to 30% of rock, amp and epi)	0.00	0.002	<0.5	0.01	0.01	
142072	West	553488	5930785		Boulder	Grab	Amphibolite				cg	amp (95%) sulfide (5%)	Boulder (rounded, 30 cm x 20 cm x 20 cm)	0.00	0.002	<0.5	0.01	0.00	
142073	West	554497	5930070		Outcrop	Chip	Amphibolite			rusty	fg	amp, sulfide (fine, disseminated), qtz (veins)		0.02	0.009	<0.5	0.01	0.02	
142075	West	556313	5930004		Outcrop	Chip	Amphibolite Gossan			rusty		amp, py (minor, disseminated)		0.01	0.003	<0.5	0.01	0.01	
142076	West	561974	5928864	CV8	Outcrop		spd-Pegmatite					qtz, spd		0.00	<0.001	<0.5	0.00	4.44	205
142077	West	551987	5930258		Boulder	Grab	Pegmatite		white			qtz, fsp (bluish lustrace)	granitic	0.00	0.003	<0.5	0.00	0.00	0
142078	West	554131	5930096	CV9	Outcrop	Grab	Pegmatite		white			qtz, fsp, tur, spd?	spd-bearing likely, but not certain	0.00	0.062	<0.5	0.00	1.70	161
142079	West	554217	5930050	CV9	Outcrop	Grab	Pegmatite		white			spd?		0.00	0.006	<0.5	0.00	2.26	30
142080	West	554216	5930050	CV9	Outcrop	Grab	Pegmatite		white			spd?		0.00	0.03	<0.5	0.00	2.26	17
142081	West	554425	5930086	CV9	Outcrop	Grab	Pegmatite		white			spd?		0.00	0.008	<0.5	0.00	3.64	93
142082	West	554441	5930084	CV9	Outcrop	Grab	Pegmatite		white			spd (crystals more grey)		0.00	0.013	<0.5	0.00	4.72	84
142094	West	557447	5930635		Outcrop	Grab	Granite Pegmatite		white			tur (trace), no visable spd		0.00	0.001	<0.5	0.00	0.00	113
142095	West	557807	5930799		Outcrop	Grab	Pegmatite		white			ab, qtz, tur	Outcrop (big)	0.00	0.001	<0.5	0.00	0.01	1
142101	West	562318	5927931		Boulder		Paragneiss	banded			fg	py (6 -7%, fg - mg)	Boulder (20 cm, sub-rounded, laminated)	0.00	<0.001	0.6	0.02	0.02	
142102	West	562206	5927896	Lac de la Corvette	Outcrop		Amphibolite	banded		rusty		qtz (veins), po (15-20%), ccp (5-6%, associated with late fractures)	Outcrop (3 m, very rusty and altered, amp is laminated at 125/82SW)	0.70	0.023	19.1	0.13	0.00	

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142103	West	562207	5927897	Lac de la Corvette	Outcrop			banded				po (15-20%, fg-mg)	laminated, same Outcrop as 142102 (3 m, very rusty and altered, amp is laminated at 125/82SW)	0.17	0.008	4.6	0.07	0.00	
142104	West	562841	5927390		Outcrop		Amphibolite	foliated				amp	Boulder (1.3 m, no significant min), old sample site	0.01	0.005	<0.5	0.01	0.00	
142105	West	561947	5927880		Boulder		bt-Amphibolite			rusty		bt (oriented), amp, po (4-6%, mg)	Boulder (1.5 m)	0.01	0.008	0.5	0.03	0.01	
142106	West	561914	5927908		Outcrop		Paragneiss?	schistose		rusty		bt (fg), matrix (vfg), py, po (disseminated, trace) in S1	Outcrop (2 m)	0.08	0.011	<0.5	0.02	0.01	
142107	West	561757	5928756		Boulder		Not Recorded					qtz + bt (laminated), po (1-2%, fg-mg, oriented along schistosity)	Boulder (30 cm)	0.01	0.004	0.5	0.05	0.05	
142108	West	561762	5928756		Outcrop			schistose				qtz, bt, chl, py or po (fg)	Outcrop (3 m - 4 m, strong schistosity)	0.01	0.002	<0.5	0.01	0.00	
142109	West	559403	5928561		Boulder		Amphibolite Schist	schistose		rusty, yellow		sulfide (py/po, fg, <1%), qtz (veinlets)		0.01	0.004	<0.5	0.01	0.00	
142110	West	560255	5928537	Tyrone-T9	Outcrop		Amphibolite	foliated		rusty, yellow		sulfide (ccp?, 8-15%, cg, stringers), qtz (veins, disseminated, 5-20 mm wide)	Outcrop (3 m, strongly foliated, sulf? oriented along foliation 95/79S)	1.88	0.599	15	0.05	0.03	
142111	West	560027	5928599		Outcrop		Amphibolite	foliated		rusty, yellow		po/py (5%, fg-mg, disseminated)	same strong foliation (95/79S) and trend as 142110	0.10	0.007	0.8	0.01	0.01	
142112	West	559904	5928942		Boulder		Amphibolite			rusty		py (trace), ccp?	Boulder (rusty, rounded, 20-30 cm across), other Boulders nearby are granite	0.03	0.007	<0.5	0.01	0.01	
142113	West	561468	5928996		Outcrop		bt-Amphibolite	foliated		rusty		py (6-7%, fg-mg, follows foliation)	alteration is similar to 142064, foliation 080/75S	0.05	0.006	0.9	0.20	0.06	
142114	West	561725	5929004		Outcrop		Amphibolite			rusty		py (1-2% but locally up to 3%, fg, disseminated), grt	Outcrop (70 m long, seems massive, very rusty)	0.03	0.002	<0.5	0.03	0.02	
142115	West	561976	5928851		Outcrop		Amphibolite	foliated		rusty		py (7-12%, disseminated, cubic, locally associated with qtz veins, fine stringers oriented with foliation)	5 m of rusty foliation (119/58SW), historical sample, ~4 peg Outcrop nearby	0.04	0.004	1.6	0.02	0.09	
142116	West	552356	5930720		Boulder		Paragneiss	foliated		rusty		mod magnetic, qtz (fine, cross-cutting veinlets)	Boulder (0.7-1 m in size, sub-angular, strongly schistose (foliated), mica-rich), Boulder trend, no significant mineralization	0.02	0.004	<0.5	0.00	0.00	
142117	West	552710	5930158		Outcrop		Basalt	aphanitic				qtz (veins, disseminated, 10 mm wide), Fe-ox (trace)	sample is of the qtz veins	0.00	0.001	<0.5	0.00	0.00	
142118	West	554119	5930095		Outcrop		Ironstone	foliated		rusty		py (8%, disseminated, fg-mg), qtz (veins, rare, 5 mm wide)	Outcrop (~ 5 m in size), described as "magnetic amphibolite with several layers" which in hindsight we knew as ironstone, close to contact with peg, foliation (085/50S)	0.02	0.011	<0.5	0.01	0.04	
142119	West	554236	5930054		Outcrop		Amphibolite	foliated				py (fg, disseminated)	Outcrop ~1.5 m, strongly oxidized, weakly rusty, pinched between pegmatite Outcrops, foliation (266/75N)	0.02	0.004	<0.5	0.01	0.09	

Sample ID	Claim Block	Easting	Northing	Showing/ Prospect	Sample Source	Sample Type	Rock Type (Field)	Texture	Colour Fresh	Colour Weathered	Grain Size	Major Minerals	Comments	Cu (%)	Au (g/t)	Ag (g/t)	Zn (%)	Li2O (%)	Ta2O5 (ppm)
142120	West	554424	5930055		Outcrop		Amphibolite	foliated		rusty		py (10-12%, disseminated, fg)	large Outcrop (~20 m in size, strong fol (091/67S), rusty bed observed over ~15 m length, same bed as 142119), another rusty zone was observed 20 m N also close to contact with peg	0.02	0.008	<0.5	0.01	0.05	
142121	West	554423	5930080		Outcrop		Amphibolite	foliated		rusty		py (1%, fg, disseminated)	Outcrop (~ 8 m in size, rusty, foliated), sulf associatediated with peg contact, possible spd	0.03	0.013	0.5	0.01	0.12	
142132	West	557105	5930739		Outcrop		Pegmatite			white		qtz, fsp, bt	Outcrop (~8 m in size, pegmatite, cross-cuts metased)	0.00	<0.001	<0.5	0.00	0.00	3
142133	West	557472	5930628		Outcrop		Pegmatite			white		qtz, fsp, bt (trace, crystals ~3 cm)	Outcrop (~6 m, metasediment injected by white pegmatite)	0.00	<0.001	<0.5	0.00	0.00	75
142134	West	559055	5930838		Outcrop		Pegmatite			white		qtz, fsp, tur	large Outcrop (~40 m, granitic pegmatite)	0.00	<0.001	<0.5	0.00	0.01	2
142141	West	557921	5929046		Outcrop		Pegmatite			green white	cg	spd?, fsp?, diop?	Outcrop (~10 m in size), min associated with metased/amp contact (102/80S)	0.00	0.005	<0.5	0.01	0.00	1
142151	West	561723	5929441		Outcrop	Grab	Granite Pegmatite		white	white		fsp (54%), qtz (45%), altered mica (lpld?, 1%, green/pink), tur (trace, pink), fl (trace), no spd		0.00	<0.001	<0.5	0.00	0.27	55
142152	West	552528	5928938		Outcrop	Grab	Granite Pegmatite		white		cg	qtz (75%, vcg, 5 mm - 2 cm), bt (22%, vcg, fol into layered sheets), tur (3%, euh-suh, 3-5 mm long, associated with rare Fe-ox weathering)	large E-W trending Outcrop, historically sampled, in contact with amphibolite?	0.17	0.089	4.6	0.00	0.00	<0.1221 1
142158	West	552001	5927725		Outcrop	Grab	Pegmatite		white	white-pink	cg	fsp (40%, pinkish, 3-5 mm), qtz (55%, 3-5 mm), ms (5%, up to 13 cm)	E-W trending Outcrop, large qtz veins or concretions up to >1 m, no mineralization	0.00	<0.001	<0.5	0.00	0.00	1
142159	West	552318	5927741		Boulder	Grab	Pegmatite		white		cg	qtz (80%), fsp (20%, pinkish)	mainly qtz aggregate, no vis spd	0.00	0.002	<0.5	0.00	0.00	0
142162	West	554223	5930050	CV9	Outcrop	Grab	Pegmatite		white		cg	fsp (35%), qtz (50%), spd (15%, locally up to 20-25%, 2-5 cm long bladed crystals)	All cg mins, 4-7 cm	0.00	0.002	<0.5	0.01	2.75	44
142163	West	554440	5930084	CV9	Outcrop	Grab	Pegmatite		white		cg	spd (<5%, locally up to 7-10 cm), tur (common, large, up to 5 cm, black)		0.00	0.004	<0.5	0.00	0.96	56
142176	West	556288	5929998		Outcrop	Grab	Amphibolite	foliated	dark green	yellowish (qtz veins)	aph - fg	amp (85%), fsp (10%), srp (5%)	highly weathered, lots of yellowish qtz veins, acicular grains (tr, act), 90% dipping south	0.00	0.004	<0.5	0.01	0.02	
142177	West	556288	5930011		Outcrop	Grab	Amphibolite		green-grey	Heavy Fe-ox	aph - fg	amp (95%), fsp (5%)	excessive Fe-ox weathering (to dust in places)	0.01	0.011	<0.5	0.01	0.01	
142178	West	556270	5930005		Outcrop	Grab	Amphibolite	massive	green-grey	Fe-ox	fg	amp (95%), fsp (5%)	yellowish weathering, foliation (088/78S)	0.01	0.008	<0.5	0.01	0.02	
142179	West	556257	5930023		Outcrop	Grab	Amphibolite	massive	dark grey	rusty	aph - fg	amp (98%), qtz (2%)	rusty weathered, localized fabric has developed but main texture is massive, foliation (088/78S)	0.01	0.023	<0.5	0.01	0.01	
142180	West	556229	5930003		Outcrop	Grab	Amphibolite		green-grey	Fe-ox	aph	amp (95%), fsp (3%), py/apy (2%, flecks, disseminated)	highly weathered	0.01	0.004	<0.5	0.01	0.01	

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142181	West	555967	5929943		Outcrop	Grab	Amphibolite	massive	green-grey	minor Fe-ox	aph	amp (98%), qtz (2%)	massive texture but slightly foliated. Localized Fe-ox weathering.	0.00	0.001	<0.5	0.01	0.00	
142182	West	555887	5929817		Outcrop	Grab	Granite / Qtz Vein	massive	grey		mg - cg	qtz (55%), fsp (40%), bt (5%)	granitic intrusion? hosted in amphibolite, contains flecks of dk min (bt?), clasts (0.5-2 mm)	0.00	0.001	<0.5	0.00	0.00	
142189	West	552442	5927828		Boulder	Grab	Amphibolite	massive	green-grey	Fe-ox	fg	amp (70%), qtz (30%, rare veins up to 4 mm wide)		0.01	<0.001	<0.5	0.01	0.00	
142190	West	552626	5927816		Outcrop	Grab	Greenstone		green	rusty purple-orange	fg	amp (95%, act-trace?), qtz (5%, fg, acicular)	ultramafic	0.05	0.002	1.8	0.01	0.00	
142191	West	552628	5927798		Outcrop	Grab	Qtz Vein		white/black	rusty		qtz (veins, white), amp (black)	sample is highly weathered qtz veins replaced by Fe-ox residue, hosted in ultramafics	0.01	<0.001	<0.5	0.01	0.02	
142192	West	554072	5927740		Boulder	Grab	Amphibolite	massive	black-grey	minor Fe-ox	fg	amp (98%) qtz (2%)	abundant mm-cm scale qtz veins	0.00	0.001	<0.5	0.01	0.00	
142193	West	555157	5927543		Boulder	Grab	Amphibolite	massive	black		fg	amp (95%), qtz (veins)	cross-cut by granodiorite	0.00	0.001	<0.5	0.01	0.00	
142194	West	555746	5927564		Boulder	Grab	Amphibolite	massive	black		fg	amp (95%) qtz (5%)	No visible sulf, few qtz veinlets	0.01	0.002	<0.5	0.01	0.00	
142195	West	556301	5927586		Outcrop	Grab	Granodiorite		pink-white		cg	amp (20%), fsp (60%, pink-white, >5 mm grains), qtz (20%)		0.00	<0.001	<0.5	0.01	0.00	
142201	West	561973	5928863	CV8	Outcrop	Grab	Pegmatite					qtz (50%), pl (50%)	E-W trending ridge, no observed mineralization	0.00	<0.001	<0.5	0.00	2.03	117
142202	West	552216	5929101		Outcrop	Grab	Pegmatite		white			pl (70%), qtz (20%), mica (10%, gr, ms?)	Outcrop (E-W trending, 4 m x 2 m, no observed mineralization), sample is 20 m W of 142044	0.00	0.001	<0.5	0.00	0.01	39
142207	West	554241	5930059		Outcrop	Grab	Pegmatite		white			pl (40%) qtz (40%) tur (19%, 5-10 cm long crystals) spd (1%, 1 cm)	Outcrop (large, 50 m x 15 m, partly covered), amp contact observed	0.00	<0.001	<0.5	0.00	0.01	89
142208	West	554197	5930072		Outcrop	Grab	Pegmatite		white		cg	pl (50%), qtz (40%), tur (5%), spd (5%)	Outcrop (10 m x 10 m), amp contact observed	0.00	<0.001	<0.5	0.00	0.11	15
142209	West	554136	5930097	CV9	Outcrop	Grab	Pegmatite		white		fg - mg	pl (50%), qtz (50%), tur (trace, 3-10 mm)	Outcrop (10 m x 10 m), finer grained than previous samples	0.00	0.028	<0.5	0.00	0.82	101
142210	West	552485	5929777	CV10	Outcrop	Grab	Pegmatite		white			pl (40%), qtz (30%), ms (20%), tur (10%)	Outcrop (E-W trending, 50 m x 30 m)	0.00	0.098	<0.5	0.01	1.33	255
142228	West	556341	5930019		Outcrop	Grab	Amphibolite	foliated		rusty		py (7-8%, disseminated within fol)	Outcrop (~60 m)	0.01	0.008	<0.5	0.01	0.02	
142229	West	556338	5930013		Outcrop	Grab	Amphibolite	foliated		rusty	fg	py (5%, fg), grt	Outcrop (~60 m)	0.01	0.004	<0.5	0.02	0.01	
142230	West	556346	5930014		Outcrop	Grab	Amphibolite	foliated		rusty	fg	py (5%, fg) qtz (veins, fine)	5 m cliff section of Outcrop (~60 m), mins within fol	0.01	0.012	<0.5	0.01	0.01	
142231	West	556563	5929989		Outcrop	Grab	Amphibolite	foliated		rusty		py (5%, fg, disseminated), qtz (disseminated)	Outcrop (~3 m long) continues along trend observed in previous samples	0.02	0.022	<0.5	0.01	0.01	
142232	West	556634	5929987	Golden Gap	Outcrop	Grab	Amphibolite			rusty	fg	py (7-9%, fg, disseminated) qtz (veins, cross-cutting, 30 mm wide, folded, oriented 345°)	Outcrop (~5 m long), sampled amp/qtz contact	0.03	1.47	2.3	0.01	0.01	
142233	West	556694	5930010		Outcrop	Grab	Amphibolite			rusty	fg	py (8%, stringers, disseminated)	Outcrop (~2 m, py stringers sub-parallel to fol)	0.00	0.018	<0.5	0.00	0.01	
142234	West	556716	5930026		Outcrop	Grab	Amphibolite	foliated		rusty	fg	py (6-8%, fg, disseminated)	Outcrop (~10 m, strong foliation, same trend as 142233)	0.00	0.029	<0.5	0.01	0.01	
142235	West	556841	5930049		Outcrop	Grab	Amphibolite	foliated		rusty	fg	py (5%, fg, disseminated)	Outcrop (~40 m long, very rusty), foliation (58/60SE)	0.00	0.055	<0.5	0.01	0.01	

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142236	West	557169	5929775		Outcrop	Grab	Amphibolite					qtz veins (cross-cutting, network associated with large vein)	Outcrop (~10 m, cross cut by network of qtz veins 0.5-3 cm wide associated with large qtz vein), foliation (100/60S), samples 142259 and 142358 are nearby	0.00	0.016	<0.5	0.01	0.01	
142237	West	557078	5929936		Outcrop	Grab	Amphibolite					py (1%, fg, disseminated), qtz (veins, stockwork)	Outcrop (~8 m, strongly foliated, network of qtz veinlets with many orientations)	0.01	0.005	<0.5	0.01	0.01	
142238	West	557449	5929636		Outcrop	Grab	Amphibolite	foliated		rust (localized)		qtz (veins)	Outcrop (~6 m, strongly foliated, few patches of rust, fine qtz veinlets along foliation at 185/70W)	0.00	0.003	<0.5	0.01	0.00	
142239	West	557670	5929426		Outcrop	Grab	Amphibolite	foliated		rusty	fg - mg	py (6%, stringers, fg-mg, disseminated), qtz (veinlets)	Outcrop (~9 m, strongly rusted and foliated), foliation (180/58W)	0.03	0.001	<0.5	0.02	0.00	
142240	West	557920	5929485		Boulder	Grab	Amphibolite			rusty		py (1%, fg, disseminated)	Boulder (rounded, very rusty, on esker)	0.01	0.002	<0.5	0.02	0.00	
142243	West	555471	5929868		Boulder	Grab	Carbonate veinlets			rusty (localized)		cb veinlets hosting py (8-10%, cg)	Boulder (amphibolite, angular, minor rust, cb veinlets hosting py), sampled cb veinlets	0.02	0.08	<0.5	0.01	0.00	
142244	West	555472	5929872		Boulder	Grab				rusty		py (3-4%, fg, disseminated), qtz (veinlets)	Boulder (very angular, minor rust, qtz veinlets that contain py along fol)	0.00	0.003	<0.5	0.01	0.00	
142245	West	555340	5929865		Boulder	Grab	Amphibolite	foliated		rusty		py (7-8% fg-mg, disseminated) qtz veinlets	Boulder (~2 m, very angular, rusty, fine qtz veinlets along fol)	0.01	0.5	0.7	0.01	0.01	
142246	West	555321	5929818	West Golden Gap	Outcrop	Grab	Amphibolite	foliated		rusty		qtz veins (deformed, network), py (2-3%, ~10% fg-cg, 90% as stringers)	Outcrop (~20 m, rusty, foliated, cross-cut by network of qtz veins hosting py), foliation (076/79S), sampled amphibolite	0.02	0.887	0.6	0.01	0.01	
142247	West	555303	5929811		Outcrop	Grab	Qtz Vein					qtz veins (network), py (trace, mg)	Outcrop (~20 m, rusty, foliated, cross-cut by network of qtz veins hosting py), foliation (076/79S), sampled network of qtz veins	0.01	0.115	1.8	0.00	0.00	
142248	West	555262	5929806		Outcrop	Grab	Qtz Vein					py (8-20%, disseminated) qtz (veins, cross-cutting, ~1 m wide, whitish, no mins)	Outcrop (amphibolite, ~3 m, cross-cut by 1 m wide qtz veins, no significant mineralization)	0.00	0.001	<0.5	0.00	0.00	
142251	West	556293	5930012		Outcrop	Chip	Gossan					py (15%)		0.02	0.018	<0.5	0.02	0.01	
142252	West	556337	5930014		Outcrop	Grab	Gossan			white-yellow		qtz	some qtz remaining	0.01	0.022	<0.5	0.02	0.01	
142253	West	556523	5929950		Outcrop	Grab	Amphibolite			rusty		py (5%, disseminated)		0.05	0.012	0.5	0.02	0.00	
142254	West	556523	5929947		Outcrop	Grab	Amphibolite					qtz (veinlets, 1 cm), bt (layer, 0.5 cm)		0.02	0.021	<0.5	0.01	0.01	
142255	West	556523	5929952		Outcrop	Grab	Amphibolite			rusty		py (10%, fg, disseminated)		0.02	0.035	0.5	0.01	0.00	
142256	West	556620	5929979		Outcrop	Grab	Amphibolite			rusty		py (20%, veinlets)	feels very dense, weathered crust on surf over ~2 m area	0.01	0.011	<0.5	0.01	0.00	
142257	West	556701	5929994		Outcrop	Grab	Amphibolite Gossan			rusty		qtz veins, py		0.01	0.145	1.9	0.01	0.00	
142258	West	556821	5930050		Outcrop	Grab				rusty		qtz-rich, py (abundant)	Outcrop (moss-covered, rusty withd, qtz-rich)	0.01	0.168	0.7	0.01	0.00	

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142259	West	557172	5929777		Outcrop	Grab	Qtz Vein					qtz (vein, up to 2 m wide), amp (minor, clsts)	Outcrop (amphibolite with qtz vein (up to 2 m wide), minor amp clasts), sample next to 142236 and 142358, sampled the qtz vein	0.00	0.001	<0.5	0.00	0.00	
142260	West	557101	5929943		Outcrop	Grab	Gossan					chl/lim (straceong alt)	soft, porous, strong chl/lim alteration	0.03	0.023	<0.5	0.04	0.01	
142261	West	557375	5929658		Outcrop	Grab	Amphibolite					no vis mins	appears barren, but deceptively covered in fungus that looks promising	0.01	0.001	<0.5	0.01	0.01	
142262	West	557605	5929535		Outcrop	Grab	Amphibolite Gossan			minor Fe-ox		py (minor, patches, up to 10 cm)	2 m x 1 m area containing patches of py up to 10 cm across	0.01	0.005	<0.5	0.01	0.02	
142263	West	557704	5929415		Outcrop	Grab	Amphibolite Gossan			weak Fe-ox		qtz (fg)	weak gossan, rusty	0.01	0.002	<0.5	0.01	0.01	
142264	West	558092	5929616		Boulder	Grab			green			py (10%, veinlets)	felsic rock, fg, greenish	0.00	0.008	<0.5	0.00	0.02	
142265	West	554883	5930527		Outcrop	Grab	Qtz Vein					qtz (vein)	qtz vein in amphibolite, no visible alteration or mineralization	0.00	0.005	<0.5	0.00	0.00	
142266	West	555473	5929873		Boulder	Grab	Amphibolite			partly rusty		calcite? (vein), qtz (vein), py (abundant), epd	5 angular Boulders, abundant veinlets, the largest vein (calcite?) hosts abundant py	0.02	0.014	<0.5	0.01	0.00	
142267	West	555471	5929876		Boulder	Grab	Amphibolite			partly rusty		calcite? (vein), qtz (vein), py (abundant), epd	Boulder (abundant veinlets, the largest vein (calcite?) hosts abundant py)	0.01	0.015	<0.5	0.01	0.00	
142268	West	555410	5929859		Boulder	Chip	Metasediment			rusty		mag (silver-grey)	layers & veinlets of dark rust in fg metased	0.00	0.003	<0.5	0.00	0.00	
142269	West	555331	5929862		Boulder	Grab	Amphibolite					sulfide (occasional), qtz (veins), epd (alteration)	Boulder (1 m x 1 m x 1.5 m, angular, multiple cross-cutting qtz veins)	0.01	0.017	<0.5	0.01	0.00	
142270	West	555331	5929862		Boulder	Grab	Amphibolite					sulfide (occasional), qtz (veins), epd (alteration)	Boulder (similar to 142270)	0.01	0.021	<0.5	0.01	0.01	
142271	West	555300	5929817	West Golden Gap	Outcrop	Grab	Qtz Vein		blue-grey	rusty patches		qtz (vein, bl-grey, up to 30 cm thick), sulfide	sulfides in both qtz vein and amphibolite host rock (ep and lim alteration)	0.03	0.429	5.5	0.02	0.00	
142272	West	555299	5929818		Outcrop	Grab	Qtz Vein		blue-grey	rusty patches		qtz (vein, bl-grey, up to 30 cm thick), sulfide	sulfides in both qtz vein and amphibolite host rock (ep and lim alteration)	0.03	0.183	3.1	0.03	0.00	
142273	West	555261	5929809	West Golden Gap	Outcrop	Grab	Amphibolite			rusty		py (20%, fg, disseminated) adjacent to qtz (vein, barren)	Outcrop (amphibolite, very rusty, altered, pyrite mineralization next to >1 m wide barren qtz vein)	0.02	0.31	1.3	0.01	0.00	
142276	West	555173	5929658		Outcrop	Grab	Amphibolite			rusty		py (5%), cc (veinlets), qtz (veinlets)	Outcrop (epd alt associated with veinlets, locally rusty)	0.02	0.002	<0.5	0.01	0.00	
142277	West	555053	5929852		Boulder	Grab	Amphibolite					py (5%, disseminated)	Boulder (angular, ep alt), multiple similar Boulders	0.00	0.004	<0.5	0.00	0.00	
142278	West	554922	5929873		Outcrop	Grab	Amphibolite			rusty		py (15%)		0.06	0.015	<0.5	0.01	0.00	
142279	West	554819	5930011		Outcrop	Grab	Amphibolite			rusty	aph	sulfide (abundant)	white alteration along fractures	0.01	0.049	<0.5	0.01	0.00	
142280	West	554887	5929490	West Golden Gap	Outcrop	Grab	Amphibolite Gossan		white to yellow	Fe-ox		py (5%, cg, euh)	small lens of very altered amphibolite	0.00	0.607	<0.5	0.00	0.00	
142281	West	555293	5929274		Outcrop	Grab	Amphibolite			rusty		py (5-10%, disseminated, veinlets)		0.24	0.056	7.3	0.04	0.00	
142282	West	555540	5929281		Outcrop	Grab	Amphibolite			rusty patches		py (5%)		0.03	0.021	1.8	0.02	0.00	
142283	West	555240	5930730		Outcrop	Grab	Metasediment		green		fg	sulfide (5%, py)	no rust	0.00	0.004	<0.5	0.01	0.01	

Sample ID	Claim Block	Easting	Northing	Showing/ Prospect	Sample Source	Sample Type	Rock Type (Field)	Texture	Colour Fresh	Colour Weathered	Grain Size	Major Minerals	Comments	Cu (%)	Au (g/t)	Ag (g/t)	Zn (%)	Li2O (%)	Ta2O5 (ppm)
142284	West	555515	5930706		Outcrop	Grab	Conglomerate		green		fg	py (5%)	greenish groundmass	0.00	0.041	<0.5	0.01	0.01	
142285	West	556100	5930132		Outcrop	Grab	Metasediment / Metavolcanic	foliated	green		fg	py (minor, disseminated)	foliation dipping 80°S	0.00	0.003	<0.5	0.01	0.01	
142286	West	556224	5929950		Outcrop	Grab	Amphibolite Breccia					qtz (veinlets)	amphibolite brecciated by qtz veinlets	0.00	0.002	<0.5	0.01	0.01	
142287	West	556247	5929953	Golden Gap	Outcrop	Grab	Amphibolite Gossan						historical channel sample ~2m long	0.01	1.175	<0.5	0.01	0.01	
142288	West	556705	5930366		Boulder	Grab	Metasediment			rusty		mica (abundant), qtz (abundant), fsp (altered)		0.00	0.21	<0.5	0.00	0.00	
142289	West	557105	5930740		Outcrop	Grab	Metavolcanic	porphyritic					porphyritic metavolcanic (basalt) in contact with pegmatite	0.00	0.002	<0.5	0.01	0.02	
142290	West	557446	5930636		Outcrop	Grab	Metavolcanic	porphyritic					sampled beside pegmatite contact	0.01	0.002	<0.5	0.01	0.02	
142291	West	557522	5930614		Outcrop	Grab	Metavolcanic	porphyritic	green	rusty		epd (green)	2 m away from granitic pegmatite dyke, epidote alt (green)	0.01	0.001	<0.5	0.01	0.01	
142292	West	557612	5930589		Outcrop	Grab	Amphibolite					qtz/cc/chl/epd (veinlets), py		0.01	<0.001	<0.5	0.01	0.01	
142293	West	558251	5930640		Boulder	Grab	Iron formation	banded				hem/mag (60%), qtz (35%), py (5%)		0.00	0.001	<0.5	0.00	0.00	
142294	West	558623	5930635		Outcrop	Chip	Metasediment					py (one 1.5 cm crystal), qtz (veinlets)	gossan hosted in metasediments	0.02	0.004	<0.5	0.00	0.00	
142295	West	552036	5927735		Outcrop	Grab	Granodiorite / Pegmatite		green			chl/ms (rich)	granodiorite/pegmatite contact zone	0.00	0.001	<0.5	0.00	0.02	
142296	West	552391	5927764		Boulder	Grab	grt-Gneiss			rusty		grt	Boulder (rounded)	0.00	0.001	<0.5	0.00	0.00	
142297	West	552461	5927744		Boulder	Grab	Amphibolite			rusty		sulfide (10%)	Boulder (sub-rounded)	0.03	0.003	0.7	0.02	0.00	
142298	West	552598	5927788		Outcrop	Grab	Felsic Dyke			very rusty			felsic dyke cutting ultramafics, almost friable	0.00	<0.001	<0.5	0.00	0.00	
142301	West	555204	5929633		Outcrop	Grab		foliated		rusty		qtz (veins, boudined), py (8%, fg)	Outcrop (~40 m long), banded alteration, associatediated with sulfides , foliation (100/70S)	0.01	0.002	<0.5	0.01	0.00	
142302	West	555053	5929837		Boulder	Grab	Amphibolite			rusty		py (3-5%, fg, disseminated)	Boulder (sub-round, rusty)	0.01	0.007	<0.5	0.01	0.03	
142303	West	554964	5929838		Outcrop	Grab	Amphibolite	foliated		weakly rusty		py (2-3%, disseminated), qtz (veinlets), ep (veinlets)	Outcrop (~50 m long, altered, strong foliation, weakly deformed, hosting qtz and epi veinlets)	0.01	0.006	<0.5	0.01	0.01	
142304	West	554776	5929996	West Golden Gap	Outcrop	Grab	Amphibolite	foliated		weakly rusty		py (2%, fg, disseminated), qtz (veinlets)	Outcrop (~6 m long, altered, strong foliation, weakly deformed, hosting qtz and epi veinlets)	0.00	2.81	<0.5	0.00	0.00	
142305	West	555205	5929331		Boulder	Grab	Amphibolite			very rusty			Boulder (~20 cm, rounded, very rusty)	0.01	0.189	<0.5	0.02	0.00	
142306	West	555268	5929288		Outcrop	Grab	Amphibolite	foliated		weakly rusty		py (6-8%, fg-mg, disseminated) qtz (veins, fine)	Outcrop (~15 m long, weakly rusty, foliated)	0.15	0.015	0.6	0.01	0.00	
142307	West	555273	5930716		Outcrop	Grab	Conglomerate	foliated				py (3-4%, fg, disseminated), qtz (veins, plurimetric)	Outcrop (~20 m, conglomerate cross cut by plurimetric qtz veins), foliation (090/69S)	0.01	0.021	0.9	0.01	0.01	
142308	West	555268	5930718		Outcrop	Grab	Qtz Vein					py (3-4%, fg, disseminated), qtz (veins, plurimetric)	Outcrop (~20 m, conglomerate cross cut by plurimetric qtz veins), foliation (090/69S), sampled only the qtz veins	0.00	0.001	<0.5	0.00	0.00	

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142309	West	556125	5930130		Outcrop	Grab	Metasediment	foliated			fg - mg		Outcrop (~3 m, no significant mineralization)	0.00	0.001	<0.5	0.00	0.01	
142310	West	556241	5929946	Golden Gap	Outcrop	Grab	Metasediment	foliated		very rusty		py (2-5%, fg, disseminated)	Outcrop (~12 m cliff, part of "golden gap"?, strongly foliated)	0.02	3.43	0.8	0.01	0.02	
142311	West	557502	5930601		Outcrop	Grab	Metasediment	foliated		moderately rusty		py (8-11%, fg, disseminated, stringers)	Outcrop (~25 m long), metasediments are moderately leached, foliated	0.01	0.015	<0.5	0.00	0.02	
142312	West	557596	5930599		Outcrop	Grab	Metasediment	foliated		very rusty		py (6-7%, cg, disseminated)	Outcrop (~25 m long), foliated (070/70S), rusty alt associated with contact with qtz veins, sample is of metased	0.01	0.011	<0.5	0.00	0.01	
142313	West	557595	5930599		Outcrop	Grab	Qtz Vein	foliated		very rusty		py (6-7%, cg, disseminated)	Outcrop (~25 m long), foliated (070/70S), rusty alt associated with contact with qtz veins, sample is of qtz veins	0.00	0.005	<0.5	0.00	0.00	
142314	West	557893	5930805		Boulder	Grab	Metasediment					py (7-9%, mg-cg, cubic, disseminated)	Boulder (~40 cm, sub-round)	0.00	0.01	<0.5	0.01	0.02	
142315	West	558576	5930609		Outcrop	Grab	Metasediment	foliated		weakly rusty			Outcrop (~2 m), no significant mineralization, foliation (095/60S)	0.00	0.024	<0.5	0.01	0.01	
142316	West	558619	5930632		Outcrop	Grab	Metasediment	foliated		very rusty		py (2-3%, disseminated, fg)	Outcrop (~15 m), foliation (140/82SW)	0.02	0.002	<0.5	0.00	0.02	
142351	West	556282	5930000		Outcrop	Grab	Amphibolite Gossan					amp (95%), qtz (4%), po (1%), py (trace)	series of E-W trending Outcrops, gossanous	0.01	0.006	<0.5	0.01	0.01	
142352	West	556249	5930008		Outcrop	Grab	Amphibolite Gossan					amp (95%), qtz (4%), po (1%), py (trace)	gossanous, sampled N-facing vertical wall	0.02	0.006	<0.5	0.01	0.02	
142353	West	556241	5930004		Outcrop	Grab	Amphibolite Gossan					amp (99%), po (trace), py (trace)	sample is 5 m above and 10 m SW of 142352, historical sample site	0.01	0.009	<0.5	0.02	0.03	
142354	West	556246	5930002		Outcrop	Grab	Amphibolite Gossan			rusty		amp (90%), py (5%), po (3%), ccp (2%)	sample is 7 m N and 3 m above 142352	0.01	0.015	<0.5	0.02	0.02	
142355	West	555975	5929946		Outcrop	Grab	Amphibolite				fg	amp (100%)	Outcrop (E-W trending, 15 m x 2 m, slightly gossanous)	0.00	0.001	<0.5	0.01	0.00	
142356	West	555861	5929821		Outcrop	Grab	Amphibolite			weakly rusty		amp (80%), srp (10%), pl (10%)	Outcrop (2 m x 2 m, at base of E-W trending ridge), serpentine alteration?	0.00	0.047	0.5	0.01	0.01	
142357	West	556800	5930038		Outcrop	Grab	Amphibolite Gossan					amp (80%), qtz (18%, veinlets), py (1-2%, disseminated)	Outcrop (7 m x 2 m, part of E-W trending ridge), qtz veinlets	0.00	0.034	<0.5	0.01	0.00	
142358	West	557140	5929780		Outcrop	Grab	bt-Amphibolite	foliated		rusty		amp, bt	sample is 30 m W of 142236?/142259, bt-rich zone (5 m x 2 m, highly foliated)	0.00	0.013	<0.5	0.01	0.00	
142359	West	557113	5929942		Outcrop	Grab	Amphibolite Gossan					amp (80%), qtz (10%, veins), ms (7%), chl (3%)	along E-W trending ridge (100 m x 5 m), sample is 15 m E of 142260	0.03	0.002	<0.5	0.01	0.00	
142360	West	557393	5929863		Outcrop	Grab	Gossan			rusty		amp, qtz (veinlets, 5 mm thick)	Outcrop (7 m x 3 m, flat), 10 cm halo around 5 mm qtz veinlets. chloritization of amp, historical sample site	0.14	0.041	1	0.06	0.01	

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142361	West	557636	5929403		Outcrop	Grab	Amphibolite					amp (98%), pl (2%)	Outcrop (20 m x 2 m, E-W trending), sample is 50 m SW of 142239	0.01	0.003	<0.5	0.01	0.00	
142362	West	558088	5929612		Boulder	Grab	Amphibolite Gossan			rusty		amp	Boulder (30 cm, round), on E-W trending esker	0.02	0.193	0.6	0.07	0.00	
142595	West	554237	5930057		Outcrop	Grab	Amphibolite	massive		weak Fe-ox	fg	amp (100%)	No apparent sulfides	0.02	0.002	<0.5	0.01	0.10	
142596	West	553801	5929737		Outcrop	Grab	Amphibolite	massive	green-grey	local Fe-ox	fg	amp (100%), qtz veins (abundant, 1 mm-cm)	weathering associated with abundant qtz veins, no visible sulfides	0.00	0.025	<0.5	0.01	0.00	
142597	West	553580	5930042		Outcrop	Grab	Ironstone Gossan	banded		Fe-ox	mg	mag, qtz, fsp	Outcrop (10 m x 3 m), no visible sulfides, weakly magnetic	0.01	0.005	<0.5	0.01	0.00	
142598	West	553197	5929834		Outcrop	Grab	Ironstone Gossan			High Fe-ox		sulfide (5-10%, py, ccp, apy?)	highly magnetic, appears sampled in the past	0.14	0.068	<0.5	0.00	0.00	
142741	West	557410	5927888		Outcrop	Grab	Qtz Vein					qtz (10%, plurimetric veins)	Outcrop (granite, ~4 m), no significant mineralization, sampled qtz vein	0.00	<0.001	<0.5	0.00	0.00	
142742	West	557602	5927816		Boulder	Grab	Granite	foliated				qtz-chl-amp-epd veins (5%), py (trace, fg-mg)	Boulder (~1.5 m, sub-round)	0.00	<0.001	<0.5	0.00	0.00	
142743	West	558065	5927682		Boulder	Grab	Metasediment?	schistose		red	aph	po (3-5%, fg, disseminated)	Boulder (60 cm, rounded, fg, schistose, heavy)	0.01	0.003	<0.5	0.01	0.01	
142744	West	558126	5927675		Boulder	Grab	Mafic				aph	ccp, po, (disseminated), cc/bt (banded, alt)	Boulder (0.5 m)	0.02	0.006	<0.5	0.01	0.00	
142745	West	560545	5928415	Black Forrest	Outcrop	Grab	Mafic / Metasediment?		grey	red	fg	qtz (veins, 30-40 cm wide), ccp (2-3%, cg)	Outcrop (~2.5 m, with cross-cutting qtz veins hosting ccp), veins oriented at 095/68S	0.19	0.299	3.7	0.00	0.00	
142746	West	560544	5928414		Outcrop	Grab	Mafic / Metasediment?				fg	qtz (veins, 40 cm wide), ccp (3-8%, fg-cg), po (3-4%)	Outcrop (~2.5 m, with cross-cutting qtz veins)	0.20	0.068	1.2	0.01	0.03	
142747	West	560521	5928436		Outcrop	Grab	Mafic			locally rusty	fg	qtz (metric veins & veinlets), sulfide (trace-3%)	Outcrop (~2 m, basalt?, hosting qtz veins/fine veinlets)	0.00	0.024	<0.5	0.01	0.03	
142748	West	560522	5928435	Black Forrest	Outcrop	Grab	Mafic			locally rusty	fg	qtz (plurimetric veins), sulfide (5-15%, ccp/po, cg)	Outcrop (~2 m, basalt?, hosting qtz veins/fine veinlets), veins oriented at 140/88SW	1.13	0.047	19.5	0.02	0.04	
142794	West	560472	5928569		Boulder	Grab	Amphibolite							0.02	0.008	<0.5	0.01	0.02	
142795	West	560320	5928788		Boulder	Grab	Amphibolite					po (5%, veinlets, pockets), amph, fsp	Boulder (angular, rusty weathering surface, po veinlets and pockets, description based on picture)	0.02	<0.001	<0.5	0.03	0.00	
142796	West	560249	5928997		Boulder	Grab	Amphibolite					sulfide (3%, po, minor ccp)		0.05	0.005	<0.5	0.05	0.01	
142797	West	560247	5929004		Boulder	Grab	Amphibolite	brecciated		very rusty		qtz (abundant), sulfide (15%, py, minor ccp)	abundant qtz brecciated by py	0.07	0.011	<0.5	0.03	0.01	
142798	West	560182	5929017		Boulder		Amphibolite			very rusty		po (bands)	Boulder (large, angular), in Boulder field	0.04	0.001	0.7	0.10	0.02	
142851	West	553031	5929843		Outcrop	Grab	Amphibolite	massive	green-grey		fg	amp (98%), apy (2%, disseminated, rare blebs 1-2 mm x 3-4 mm, cg), qtz? (trace)		0.01	0.009	<0.5	0.01	0.00	
142852	West	552938	5929906		Outcrop	Grab	Ironstone Gossan	banded		High Fe-ox		mag/qtz (bands), apy (trace)	magnetic, banded to massive texture	0.00	0.001	<0.5	0.01	0.00	

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142853	West	552763	5929795		Outcrop	Grab	Qtz Vein		clear/ cloudy white			qtz (100%, vein, 5-7 cm wide)	Outcrop (amphibolite hosting qtz vein, amp sample is 142891)	0.00	<0.001	<0.5	0.00	0.00	
142854	West	552719	5929834		Outcrop	Grab	Amphibolite Ironstone	banded	dark grey / light grey	High Fe-ox	fg	mag, amp, apy (trace)	not noticeably magnetic, gossanous, light and dark magnetite? bands	0.01	0.013	<0.5	0.01	0.00	
142855	West	552439	5929790		Outcrop	Grab	Amphibolite	massive		High Fe-ox	fg	amp (98%) qtz (2%) apy (trace)	Outcrop (6 m x 2 m, trending E-W)	0.00	0.031	<0.5	0.01	0.03	
142856	West	551482	5929637		Not Recorded	Grab	Amphibolite Gossan	massive	dark grey	Fe-ox	fg	amp, apy (trace), grt?		0.01	0.073	<0.5	0.01	0.01	
142863	West	553807	5930074		Outcrop	Grab	Amphibolite	massive	green-grey	minor Fe-ox	fg	amp (100%)	massive to acicular texture, no visible sulfides	0.01	0.02	<0.5	0.01	0.00	
142864	West	554227	5929701		Outcrop	Grab	Amphibolite	massive	dark green-grey	minor Fe-ox	fg	amp (100%), qtz (veins, minor-mod)		0.00	<0.001	<0.5	0.01	0.00	
142865	West	554445	5929811		Outcrop	Grab	Amphibolite	massive	dark grey	minor Fe-ox	fg	amp (100%)	host rock to large qtz vein that was sampled: 142979	0.01	0.004	<0.5	0.01	0.00	
142866	West	554622	5929768		Outcrop	Grab	Granite					qtz, fsp, tur (large linear black crystals)	no apparent sulfides, hosted in amphibolite sampled: 142980	0.00	<0.001	<0.5	0.00	0.00	
142867	West	554714	5929834		Outcrop	Grab	Amphibolite	massive	green-grey		fg	amp (99%), apy (1%), qtz (veins, minor)	minor qtz veins and some large veins with heavy sulfide mineralization	0.01	0.028	<0.5	0.01	0.00	
142868	West	554883	5929845		Outcrop	Grab	Amphibolite		green-grey		fg	amp (100%), qtz (vein, 3-8 mm thick, vcg, pot alt)	contains potassic altered qtz vein (vcg, 3-8 mm wide), no visible sulfides	0.01	0.002	<0.5	0.00	0.00	
142869	West	555262	5929803	West Golden Gap	Outcrop	Grab	Amphibolite Gossan			High Fe-ox		amp (85-90%), apy/py (5-15%, common)	small highly weathered Outcrop adjacent to >1 m thick qtz vein	0.04	0.413	0.8	0.01	0.01	
142870	West	555340	5929821		Outcrop	Grab	Amphibolite	massive	dark green-grey	local Fe-ox	aph	apy/py (1-2%, associated with Fe-ox)	Historically sampled	0.01	0.052	<0.5	0.01	0.00	
142871	West	555633	5929549		Outcrop	Grab	Amphibolite Gossan	massive	green-grey	High Fe-ox	aph	amp (99%), apy (1%, disseminated)	Outcrop (very small)	0.02	0.058	1.1	0.02	0.00	
142872	West	552133	5929369		Outcrop	Grab	Amphibolite		green-grey		fg	amp (100%), qtz (trace)	Outcrop (35 m x 10 m, E-W trending, no visible sulfides)	0.00	<0.001	<0.5	0.01	0.00	
142873	West	552399	5929516		Outcrop	Grab	Amphibolite	massive	green-grey	local Fe-ox	fg	amp (98%), sulfide (apy?, up to 2% locally)	several Outcrops together (30 m x 20 m, trending E-W)	0.01	0.003	<0.5	0.01	0.01	
142886	West	553724	5929698		Outcrop	Grab	Amphibolite			minor Fe-ox		amp (80%), qtz (19%), sulfide (py/apy, 1%, disseminated)	Outcrop (E-W trending, 100 m x 200 m, has qtz veining with minor rust)	0.01	0.026	<0.5	0.01	0.00	
142887	West	553618	5929972		Outcrop	Grab	Ironstone			minor Fe-ox		apy (5%, disseminated)	Outcrop (E-W trending, 5 m x 2 m, slightly gossanous)	0.02	0.039	<0.5	0.01	0.00	
142888	West	553238	5929832		Outcrop	Grab	Amphibolite Ironstone			Fe-ox		amp (60%), mag (39%), apy (1%) py (trace)	Outcrop (E-W trending, 1 m x 5 m, gossanous)	0.01	0.004	<0.5	0.01	0.01	
142889	West	553077	5929855		Outcrop	Grab	Ironstone			Fe-ox		qtz (veins)	gossanous	0.01	0.007	<0.5	0.01	0.00	
142890	West	553019	5929943		Outcrop	Grab	Ironstone			Fe-ox		py (minor, disseminated)	gossanous	0.00	0.002	<0.5	0.01	0.00	
142891	West	552766	5929799		Outcrop	Grab	Amphibolite Ironstone			Fe-ox		py (minor, disseminated)	gossanous	0.01	0.002	<0.5	0.01	0.01	
142892	West	552722	5929847		Outcrop	Grab	Amphibolite Ironstone			Fe-ox		py (minor, disseminated)	gossanous	0.01	0.024	<0.5	0.01	0.00	

Sample ID	Claim Block	Easting	Northing	Showing/ Prospect	Sample Source	Sample Type	Rock Type (Field)	Texture	Colour Fresh	Colour Weathered	Grain Size	Major Minerals	Comments	Cu (%)	Au (g/t)	Ag (g/t)	Zn (%)	Li2O (%)	Ta2O5 (ppm)
142893	West	551923	5929707		Not Recorded	Grab	Amphibolite			minor Fe-ox			slightly gossanous	0.01	0.002	<0.5	0.01	0.00	
142926	West	560193	5929024		Unable to Ascertain	Grab	Amphibolite			Fe-ox		sulfide (10%)	angular, possibly Outcrop but in Boulder field with samples 142796-98	0.02	0.016	<0.5	0.09	0.01	
142927	West	562913	5927405		Outcrop	Grab	Ironstone					qtz (veins), ccp (minor, disseminated), po (minor, disseminated), mol (minor, disseminated), grt (abundant)	highly magnetic, foliation 250/85N	0.06	0.257	<0.5	0.01	0.00	
142928	West	560131	5929450		Outcrop	Grab	Qtz Vein			Fe-ox		qtz (vein, up to 40 cm)	qtz vein cutting rusty amphibolite, vein pinches out quickly, no vis sulfides	0.02	<0.001	<0.5	0.00	0.00	
142929	West	560152	5929489		Boulder	Grab	Ironstone					qtz (80-90%), po + Fe-ox (10-20%)	Boulder (round)	0.01	0.033	0.8	0.00	0.00	
142930	West	560289	5929340		Outcrop	Grab	Qtz Vein			Fe-ox		qtz (vein), amp, sulfide (3-5%, disseminated, tiny, apy?)	sulf are tiny but many, rusty amphibolite host rock	0.02	0.024	<0.5	0.01	0.00	
142931	West	560272	5929260		Outcrop	Grab	Qtz / Ca-silicate alteration					qtz, sulfide (minor)	qtz + ca-cilicate alteration zone with sulfides	0.02	0.002	<0.5	0.01	0.01	
142932	West	560096	5929274		Boulder	Grab	Amphibolite			Fe-ox		sulfide (3-5%)	small rusty Boulder fragment, flat with rounded edge, took all for sample	0.04	0.015	<0.5	0.01	0.00	
142933	West	559704	5929768		Boulder	Grab	Ironstone			Fe-ox		qtz (90%), py (1-3%, disseminated)	Boulder (sub-round), rusty in between qtz	0.00	0.003	<0.5	0.01	0.00	
142934	West	559474	5929173		Boulder	Grab	Amphibolite			Fe-ox		qtz (vein), sulfide (minor)	Boulder (sub-round)	0.02	<0.001	<0.5	0.01	0.02	
142935	West	559556	5929145		Outcrop	Grab	Amphibolite			High Fe-ox		sulfide (1-3%), qtz (minor)	multiple similar Outcrops within 10 m x 15 m area	0.01	0.007	<0.5	0.01	0.00	
142936	West	559564	5929143		Boulder	Grab	Amphibolite			Fe-ox	cg	amp (cg), po/py (3-5%, cg)		0.03	0.001	<0.5	0.03	0.00	
142937	West	559687	5929147		Outcrop	Grab	Amphibolite			Fe-ox		po/py (1-3%), qtz (vein)		0.01	0.002	<0.5	0.01	0.01	
142938	West	558806	5928844		Outcrop	Chip	Metasediment			Fe-ox		po/ccp/qtz (3-5%, veinlets, locally), bt (alteration)	bt alteration around mineralization	0.07	0.003	1.1	0.05	0.00	
142939	West	558811	5928845	Elsass	Outcrop	Chip	Metasediment			Fe-ox		po/ccp/qtz (3-5%, veinlets, locally), bt (alteration)	Outcrop (~5 m), bt alteration around mineralization	0.30	0.003	3.5	0.05	0.00	
142940	West	558972	5929856		Boulder	Grab	Amphibolite			Fe-ox		sulfide (3%, po, ccp/py - minor)	Boulder (20-30 cm)	0.06	0.242	0.5	0.01	0.00	
142941	West	559043	5929789		Outcrop	Grab	Amphibolite			Fe-ox		po (3-5%)	adjacent to qtz vein (142942)	0.10	0.179	<0.5	0.03	0.01	
142942	West	559042	5929789		Outcrop	Grab	Qtz Vein					qtz (vein, up to 1.5 m wide)	vein contains some wallrock clasts, no vis sulfides	0.00	0.103	<0.5	0.01	0.00	
142943	West	559181	5929475		Outcrop	Grab	Amphibolite			Fe-ox		sulfide (py, po?, 1-3%)	adjacent to qtz vein, calcsilicate alteration	0.12	0.003	0.6	0.01	0.01	
142944	West	558967	5928862	Elsass	Outcrop	Grab	Amphibolite					ccp (10%)	not rusty at all, trends towards 142939, 10 m wide across strike (Outcrop)	1.14	0.255	20.8	0.04	0.00	
142945	West	558950	5928883		Outcrop	Grab	Metasediment?	foliated	brown		mg - cg	mica, amp, ccp (3%)	no rusty weathering surf, amphibolite? metased?	0.16	0.007	2.4	0.01	0.01	
142946	West	558856	5928829		Outcrop	Grab	Amphibolite			Fe-ox	fg	po, py		0.05	0.011	0.7	0.03	0.01	
142947	West	558640	5928857	Elsass	Outcrop	Grab	Andesite?					ccp (15%, in amp-rich rock)	amphibolite? andesite? different than other observed amphibolites	2.68	0.201	43.9	0.03	0.00	
142948	West	558630	5928858	Elsass	Outcrop	Grab	Andesite?		brown-grey			amp (rich), ccp (15-20%)	different than other observed amphibolites	1.86	1.12	32.6	0.02	0.00	
142978	West	554130	5929682		Outcrop	Grab	Amphibolite					qtz (vein, 10 cm thick)	slightly magnetic	0.00	<0.001	<0.5	0.01	0.00	

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142979	West	554445	5929811		Outcrop	Grab	Amphibolite			weak Fe-ox			slightly rusty area next to 1-m thick qtz vein	0.01	0.064	<0.5	0.01	0.00	
142980	West	554620	5929774		Outcrop	Grab	Ironstone			weak Fe-ox		apy (5%)	slightly rusty zone next to granitic dyke (sample 142866)	0.01	0.036	<0.5	0.01	0.01	
142981	West	554714	5929834		Outcrop	Grab	Qtz Vein			localized Fe-ox		qtz (90%), py (8%), apy (2%)	rusty qtz vein in amphibolite host rock	0.02	0.034	<0.5	0.00	0.00	
142982	West	554814	5929804		Outcrop	Grab	Qtz Vein			localized Fe-ox		qtz (vein, 30 cm), py (10%), ccp (trace), apy (trace)	NE-trending qtz vein cutting across E-W trending amphibolite	0.17	0.118	2.2	0.00	0.00	
142983	West	554835	5929800		Outcrop	Grab	Amphibolite / Qtz Vein			Fe-ox		py (5%), qtz (vein, 15 cm)	NE-trending qtz vein cutting across E-W trending amphibolite	0.02	0.033	<0.5	0.01	0.00	
142984	West	555260	5929804		Outcrop	Grab	Qtz Vein			High Fe-ox		qtz (vein, 100%, 2 m thick)	qtz vein trending 82°, next to gossan (sample 142869)	0.00	<0.001	<0.5	0.00	0.00	
142985	West	555310	5929818	West Golden Gap	Outcrop	Grab	Gossan			High Fe-ox		py (10%), apy (5%)	continuation along trend of 142984, sample is of gossan next to qtz vein	0.03	1.865	1.7	0.01	0.01	
142986	West	555463	5929535		Outcrop	Grab	Ironstone					py (minor)		0.00	0.009	<0.5	0.01	0.00	
142987	West	555634	5929566		Outcrop	Grab	Ironstone Gossan					qtz vein (5 cm), sulfide (trace)	Fe stone next to 5-cm thick qtz vein	0.02	0.004	<0.5	0.01	0.00	
142988	West	552308	5929312		Outcrop	Grab	Amphibolite					amp (85%), qtz (10%, minor veinlets), pl (5%)		0.00	<0.001	<0.5	0.01	0.00	
142989	West	552413	5929528		Outcrop	Grab	Amphibolite			minor Fe-ox		amp (88%), qtz (10%, veins), apy (2%)	amphibolite with qtz veins ~5 m from diabase	0.01	0.007	<0.5	0.01	0.00	
142990	West	552690	5929525		Outcrop	Grab	Amphibolite Gossan			minor Fe-ox		qtz (veins, minor), sulfide (trace)	slightly gossanous, amphibolite with minor qtz veins	0.01	0.009	<0.5	0.01	0.00	
142991	West	553527	5929448		Outcrop	Grab	Amphibolite			Fe-ox		amp (90%), pl (10%)	barren	0.00	<0.001	<0.5	0.01	0.00	
142992	West	553732	5929317		Boulder	Grab	Amphibolite Gossan			Fe-ox		sulfide (trace)	gossanous	0.00	0.002	<0.5	0.01	0.00	
142993	West	553823	5929479		Outcrop	Grab	Amphibolite Gossan			Fe-ox		amp (84%), pl (10%), py (5%), ccp (1%)	rusty amphibolite	0.00	0.015	<0.5	0.01	0.00	
142994	West	554481	5928969		Boulder	Grab	Ironstone			Fe-ox				0.00	0.001	0.5	0.00	0.00	
142995	West	554658	5929262		Outcrop	Grab	Amphibolite					amp (98%), qtz (2%, veining)		0.00	<0.001	<0.5	0.01	0.00	
142996	West	555015	5929048		Outcrop	Grab	Qtz Vein					qtz (95%, 8 m wide), amp (5%)	amphibolite-hosted 8-m wide qtz vein	0.00	<0.001	<0.5	0.00	0.00	
142997	West	555486	5929292		Outcrop	Grab	Qtz Vein			Fe-ox		qtz (vein, 1 m), sulfide (trace)	1 m qtz vein next to rusty amphibolite	0.02	<0.001	0.6	0.01	0.00	
142998	West	555540	5929285		Outcrop	Grab	Amphibolite Gossan			Fe-ox		ccp (trace), py (trace)		0.04	0.057	1.8	0.02	0.01	
142999	West	555583	5929293		Outcrop	Grab	Amphibolite gossan			Fe-ox		cpy (trace), py (trace), qtz (rusty veinlets)		0.07	0.059	1.5	0.04	0.00	
143000	West	555639	5929308		Outcrop	Grab	Felsic Gossan			Fe-ox		sulfide (trace)	felsic, slightly gossanous	0.01	0.003	<0.5	0.00	0.00	
143001	West	552607	5927791		Outcrop	Grab	Ultramafic / Pyroxenite			Fe-ox		py/po (5-8%)	rusty weathering	0.04	0.002	0.7	0.02	0.00	
143002	West	554106	5927786		Boulder	Grab	Amphibolite / Granodiorite			minor Fe-ox		py (minor, in amp)	Boulder (sub-round, amphibolite/granodiorite contact (~50/50 split))	0.02	0.001	<0.5	0.01	0.00	
143003	West	555147	5927534		Boulder	Grab	Granodiorite			Fe-ox		py (minor)	Boulder (sub-angular, rusty), in Boulder field, other Boulders are not rusty	0.00	<0.001	<0.5	0.01	0.00	

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143004	West	556289	5927592		Outcrop	Grab	Qtz Vein					qtz (vein)	qtz vein cutting granodiorite, no visible sulfides	0.00	0.001	<0.5	0.00	0.00	
143051	West	560137	5929475		Outcrop	Chip	Amphibolite			Fe-ox	cg	py/po (1%, mg-cg, disseminated)		0.10	0.095	0.5	0.01	0.00	
143052	West	560281	5929360		Outcrop	Grab	Metasediment			Fe-ox		po (1%, disseminated)	Outcrop (~2 m)	0.03	0.007	<0.5	0.03	0.00	
143053	West	560284	5929245		Boulder	Grab	Amphibolite					po (2%, disseminated)	Boulder (0.5 m, angular)	0.02	0.007	<0.5	0.01	0.00	
143054	West	559597	5929781		Boulder	Grab						py (3%, cg)	Boulder (0.5 m, angular, silica-rich)	0.00	<0.001	<0.5	0.00	0.00	
143055	West	559544	5929696		Outcrop	Grab	Metasediment?	foliated		Fe-ox	fg	qtz (veins), py (2%, fg-cg)		0.07	0.029	<0.5	0.08	0.00	
143056	West	559476	5929158		Boulder	Grab	Amphibolite	foliated			mg	po (2-3%)	Boulder (sub-round)	0.03	0.009	<0.5	0.03	0.01	
143057	West	559562	5929152		Outcrop	Grab	Amphibolite	foliated		High Fe-ox		po (1%, fg, disseminated)	po typically associated with Si alteration	0.00	0.002	<0.5	0.04	0.00	
143058	West	559685	5929156		Boulder	Grab	Amphibolite			Fe-ox		po (1%, fg-mg)	Boulder (2 m, angular)	0.05	0.011	<0.5	0.02	0.00	
143059	West	559432	5928738		Boulder	Grab	Amphibolite					sulfide (1%, mg, disseminated)	Boulder (20 cm, rounded)	0.02	0.004	<0.5	0.00	0.04	
143060	West	559186	5928787		Boulder	Grab	Banded Iron Formation	banded				po (trace, in silica bands)	Boulder (sub-round)	0.01	0.001	<0.5	0.00	0.00	
143061	West	558803	5928832	Elsass	Outcrop	Grab	Metasediment	foliated		Fe-ox		qtz vein (3 m), po (2%, mg-cg, disseminated)	Outcrop (~6 m)	0.23	0.003	1.9	0.02	0.00	
143062	West	559071	5929644		Outcrop	Grab	Amphibolite	foliated		weak Fe-ox	fg	py/po (2-4%, disseminated, vfg)	Outcrop (~10 m)	0.04	0.034	<0.5	0.02	0.01	
143063	West	558970	5928850	Elsass	Outcrop	Grab	Amphibolite	foliated		localized Fe-ox	cg	ccp (8-10%, cg, disseminated)	Outcrop (~2 m), foliation 110/70S	2.24	0.054	43	0.07	0.01	
143064	West	558920	5928844	Elsass	Outcrop	Grab	Amphibolite	foliated		weak Fe-ox	cg	ccp (2-10%, cg, disseminated, patchy)	Outcrop (~20 m), foliation 115/60SW	3.63	0.639	52.3	0.03	0.00	
143065	West	558879	5928834	Elsass	Outcrop	Grab	Amphibolite	foliated		Fe-ox	cg	ccp/py/po (trace-1%, disseminated and associated with metric qtz veins)	Outcrop (~9 m)	0.22	0.025	2.8	0.01	0.00	
143066	West	558666	5928879	Elsass	Outcrop	Grab	Amphibolite	foliated		High Fe-ox	cg	ccp/py/po (trace-1%, disseminated)	Outcrop (~5 m), foliation 125/60SW	0.23	0.009	4.4	0.02	0.00	
143067	West	558629	5928763		Outcrop	Grab	Amphibolite	foliated		weak Fe-ox	mg	ccp/py (trace, associated with felsics)	Outcrop (~4 m), sulfides associated with felsic (granitic) rock	0.03	0.02	<0.5	0.01	0.01	
143068	West	558174	5928853		Boulder	Grab	Amphibolite	foliated		High Fe-ox		py/po (1%, locally 7%, fg-cg, disseminated & veinlets)	Boulder (60 cm, sub-angular)	0.02	0.005	<0.5	0.01	0.00	
143069	West	557858	5928843		Boulder	Grab	Amphibolite	foliated		Fe-ox		ccp/po (trace, fg, disseminated)	Boulder (sub-angular)	0.11	0.014	1	0.01	0.01	
143070	West	557861	5929048		Outcrop	Grab	Amphibolite / Diorite	foliated			cg	ccp/po (trace, vfg, disseminated)	Outcrop (~2 m)	0.02	0.003	<0.5	0.01	0.01	
143071	West	557919	5929013		Outcrop	Grab	Amphibolite	foliated		Fe-ox	fg - mg	ccp/po (trace, disseminated)	Outcrop (~6 m), foliation 090/77S	0.16	0.01	1.1	0.02	0.00	
143072	West	556257	5929227		Outcrop	Grab	Amphibolite	foliated		Fe-ox	mg	py (2% to 12% locally, cg, clusters & stringers)	Outcrop (~6 m)	0.05	0.006	2.5	0.01	0.01	
143073	West	556110	5929187		Outcrop	Grab	Amphibolite	foliated		High Fe-ox	fg - mg	sulfide (trace, disseminated, fg)	Outcrop (~4 m), sulfides associated with amphibolite/intermediate volc contact, foliation 085/78S	0.14	0.005	1.5	0.05	0.00	
143126	West	558506	5928875		Boulder	Grab	Andesite?			Fe-ox	aph	sulfide (1-3%, vfg)		0.01	0.005	<0.5	0.01	0.00	
143127	West	557824	5928867		Boulder	Grab	Amphibolite / Andesite					ccp (1-3%), minor malachite/azurite alteration		0.45	0.161	8.9	0.01	0.01	
143128	West	557904	5929013		Outcrop	Grab	Amphibolite			Fe-ox		ccp (1-3%, fine veinlets, pods), py?/po (minor)		0.13	0.006	1.7	0.02	0.01	
143129	West	557904	5929014		Outcrop	Grab	Amphibolite			weak Fe-ox		ccp (1%)	little to no rust, ~1 m from sample 143128	0.03	0.006	<0.5	0.01	0.00	

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143130	West	557908	5929011		Outcrop	Grab	Amphibolite					ccp (1-3%)	little to no rust, at contact with metased	0.15	0.017	1.2	0.01	0.01	
143131	West	557560	5928915		Outcrop	Grab	Granite / Gneiss	foliated					no visible sulfides	0.00	<0.001	<0.5	0.00	0.00	
143132	West	557508	5929010		Outcrop	Grab	Granite / Gneiss					py (trace, disseminated)		0.01	<0.001	<0.5	0.00	0.00	
143133	West	556306	5929153	Lorraine	Outcrop	Grab	Qtz / ccp vein			localized Fe-ox		qtz/ccp (vein, rusty, 15 cm)	Outcrop (10 m x 5 m, only one 1-m wide patch of mineralization), vein oriented at 120/76SW	8.15	1.33	171	0.68	0.00	
143134	West	556265	5929228		Outcrop	Grab	Andesite?			localized Fe-ox		py (1-3%)	few rusty trends in large Outcrop	0.02	0.001	0.7	0.01	0.03	
143135	West	556109	5929182	Lorraine	Outcrop	Grab	Andesite?					py/ccp (small veinlets)		0.23	3.55	37.7	0.02	0.00	
143136	West	556108	5929180		Outcrop	Grab	Amphibolite Gossan			High Fe-ox		amp, qtz (vein), ccp (1%)		0.16	0.035	2.4	0.04	0.00	
143137	West	556015	5929147	Lorraine	Outcrop	Grab	Amphibolite / Sulfur Exhalite					ccp/bn (10%, locally)	15 cm wide high sulfur exhalite, mineralization seems localized, rest of vein seems barren, vein oriented at 116/72SW	1.55	0.142	20.9	0.03	0.00	
143138	West	556233	5929275		Outcrop	Grab	Gossan		blue-grey		fg	qtz (vein), py (10%), ccp (minor)		0.01	0.002	0.7	0.00	0.01	
143139	West	556223	5929355		Outcrop	Grab	Metasediment			Fe-ox		grt (30%), py (5%, disseminated)		0.02	0.005	<0.5	0.01	0.01	
143140	West	556298	5929433		Boulder	Grab	Metavolcanic					py (15%, veins)	Boulder (60 cm, sub-rounded)	0.01	0.01	<0.5	0.04	0.01	
143141	West	556267	5929390		Outcrop	Grab	Metavolcanic					py (10%, veins and blebs)	orientation 057/60SE	0.03	0.022	0.7	0.01	0.01	
143142	West	556212	5929378		Outcrop	Grab	Qtz Vein		smoky grey			qtz (vein, smoky)	vein oriented at 095/80S	0.00	0.037	0.9	0.00	0.00	
143151	West	552712	5929558		Outcrop	Grab	Amphibolite	massive	dark grey-black		aph	apy/py (trace), chl/srp (blebs), qtz (minor, veinlets)		0.01	0.008	<0.5	0.01	0.01	
143152	West	553520	5929454		Outcrop	Grab	Amphibolite	massive	dark grey	dark grey	fg	amp (100%), sulfide (trace, disseminated), qtz (minor, veinlets)	Outcrop (E-W trending, 40 m x 20 m)	0.02	0.001	<0.5	0.01	0.00	
143153	West	553848	5929481		Outcrop	Grab	Amphibolite	massive	dark grey		fg	amp (95%) apy/py (5%, disseminated, blebs)	Outcrop (E-W trending, 15 m x 10 m)	0.01	0.005	<0.5	0.01	0.00	
143154	West	554417	5929025		Boulder	Grab	Amphibolite / Qtz Vein	massive		Fe-ox	vcg	qtz (veins, large, vcg crystals)	no visible sulfides, Boulder is mostly qtz veins, amphibolite host rock	0.02	<0.001	<0.5	0.00	0.00	
143155	West	554653	5929257		Outcrop	Grab	Qtz Vein	massive		rare Fe-ox	vcg	qtz (vein, 20-30 cm wide)	Outcrop (E-W trending, no visible sulfides), large qtz vein hosted in amphibolite	0.00	<0.001	<0.5	0.00	0.00	
143156	West	554984	5929043		Outcrop	Grab	Amphibolite Ironstone Gossan			High Fe-ox		qtz, mag, amp, sulfide (trace)	Outcrop (very rounded, weakly magnetic, very rounded), adjacent to m-scale qtz vein Outcrop (sample 142996)	0.10	0.007	0.7	0.02	0.00	
143157	West	555471	5929289		Outcrop	Grab	Amphibolite	schistose				trace, act, wol?, ms (green-white, acicular, large crystals)	Outcrop (E-W trending, 30 m x 5 m)	0.00	<0.001	<0.5	0.01	0.00	
143158	West	555554	5929257		Outcrop	Grab	Amphibolite Gossan		green	High Fe-ox	fg	amp, sulfide (5-12%, apy/py, specks to cm-scale blebs)	Outcrop (E-W trending, 20 m x 10 m), historically sampled	0.37	0.138	64.8	0.13	0.00	
143159	West	555606	5929330		Outcrop	Grab	Amphibolite	massive	light grey		fg	sulfide? or ms (trace)	Outcrop (1 m x 2 m, slightly schisty in areas)	0.00	<0.001	<0.5	0.01	0.01	
143160	West	553301	5928651		Boulder	Grab	Metasediment	schistose	green	mafic		amp, bt (cg, 1-4 mm, gr), qtz (large vein, translucent)	possibly a granite with green bt?, no visible sulfides	0.00	<0.001	<0.5	0.00	0.00	
143161	West	553762	5928401		Boulder	Grab	Amphibolite	massive	green-grey	rare Fe-ox	fg	qtz (minor veinlets & veins, 2-7 cm, rare)	no visible sulfides	0.00	<0.001	<0.5	0.01	0.00	

Sample ID	Claim Block	Easting	Northing	Showing/ Prospect	Sample Source	Sample Type	Rock Type (Field)	Texture	Colour Fresh	Colour Weathered	Grain Size	Major Minerals	Comments	Cu (%)	Au (g/t)	Ag (g/t)	Zn (%)	Li2O (%)	Ta2O5 (ppm)
143162	West	554367	5928303		Boulder	Grab	Felsics / Granite	equigranular		felsic	cg	qtz, bt, ms, fsp?	Boulder (10 m x 5 m), micas are somewhat foliated, no visible mineralization, in a field of granite with barren peg	0.00	<0.001	<0.5	0.01	0.01	
143163	West	554595	5928350		Boulder	Grab	Felsic Gossan	equigranular		High Fe-ox	mg - cg	qtz (60%), fsp (40%)	no veining, small Boulder in a 30 m x 20 m Boulder field, mostly barren granite and amphibolite	0.00	0.019	<0.5	0.00	0.00	
143164	West	554893	5928361		Boulder	Grab	Amphibolite	massive	green-grey	Fe-ox	fg	amp (acicular)	No visible mineralization	0.02	0.001	<0.5	0.01	0.00	
143165	West	555387	5928494		Outcrop	Grab	Qtz Vein	massive	semiclear			qtz (veins, translucent)	amphibolite-hosted qtz veins, no visible mineralization, sampled qtz veins	0.00	<0.001	<0.5	0.00	0.00	
143166	West	555693	5928657		Boulder	Grab	Amphibolite	massive	black		fg	amp (100%), qtz (minor, veinlets)	Boulders on top of a 5 m x 5 m Boulder ridge (esker?)	0.00	0.001	<0.5	0.01	0.00	
143167	West	555846	5929046		Outcrop	Grab	Felsic Gossan			High Fe-ox		qtz (60%), fsp (20%), bt (20%)	Outcrop (E-W trending, 10 m x 3 m), no vis sulfides	0.00	0.002	<0.5	0.01	0.00	
143168	West	556101	5929264		Outcrop	Grab	Granodiorite Gossan	schistose		High Fe-ox	mg	qtz (40%), amp (60%), sulfide (trace, po)	Outcrop (E-W trending, 15 m x 2 m, slightly schistose)	0.09	0.023	4.6	0.01	0.00	
143169	West	556288	5929352		Outcrop	Grab	Amphibolite Gossan	massive	dark green-grey	High Fe-ox	aph	amp (99%), py/apy (trace-1%)	several gossanous areas along Outcrop cliff face	0.02	0.007	<0.5	0.02	0.00	
143201	West	552869	5928392		Boulder	Grab	Granite			Fe-ox		pl (60%), qtz (30%), bt (10%)	Boulder (2 m across, rounded)	0.00	<0.001	<0.5	0.00	0.01	
143202	West	553419	5928618		Outcrop	Grab	Granite					bt(40%, green-brown), pl (40%), qtz (20%)		0.00	<0.001	<0.5	0.00	0.01	
143203	West	553735	5928401		Boulder	Grab	Granite			Fe-ox		pl (60%), bt (20%), qtz (20%)	rusty qtz-veined granite	0.00	<0.001	<0.5	0.00	0.00	
143204	West	554373	5928297		Boulder	Grab	Qtz Vein			Fe-ox		qtz (vein), bt (bands)	Boulder (0.5 m across), in Boulder field	0.00	<0.001	<0.5	0.00	0.00	
143205	West	554593	5928357		Boulder	Grab	Amphibolite		brown	weak Fe-ox		amp (95%), pl (5%) sulfide (trace)	Boulder (2 m x 1 m, angular)	0.00	<0.001	<0.5	0.01	0.00	
143206	West	554834	5928356		Boulder	Grab	Gossan						Boulder (1 m x 1 m, angular)	0.02	0.003	<0.5	0.01	0.01	
143207	West	555389	5928492		Outcrop	Grab	Amphibolite					amp (90%), qtz (10%, veins), py (trace)		0.00	<0.001	<0.5	0.01	0.00	
143208	West	555841	5928997		Outcrop	Grab	Granite			Fe-ox		qtz (40%, heavily veined, 1-30 cm thick), pl (50%), bt (10%)		0.00	<0.001	<0.5	0.00	0.00	
143209	West	556241	5929350		Outcrop	Grab	grt-Amphibolite Gossan					grt, sulfide (trace)		0.01	0.002	<0.5	0.01	0.01	
143210	West	556199	5929378		Boulder	Grab	Metavolcanic Gossan					py (veinlet)	Boulder (rounded, 30 cm)	0.02	0.002	<0.5	0.03	0.01	
142142													OREAS 752	0.00	0.081	<0.5	0.01	1.47	54
142599													QTZ-A Blank	0.00	<0.001	<0.5	0.00	0.00	
142600													OREAS 504b	1.10	1.59	3	0.01	0.00	
142749													QTZ-A Blank	0.00	<0.001	<0.5	0.00	0.00	
142750													OREAS 504b	1.09	1.605	2.8	0.01	0.01	
142799													QTZ-A Blank	0.00	<0.001	<0.5	0.00	0.00	
142800													OREAS 504b	1.11	1.53	3	0.01	0.01	
142874													QTZ-A Blank	0.00	<0.001	<0.5	0.00	0.00	
142875													OREAS 504b	1.11	1.57	2.9	0.01	0.00	
142899													QTZ-A Blank	0.00	<0.001	<0.5	0.00	0.00	
142900													OREAS 504b	1.03	1.555	3.3	0.01	0.01	
142949													QTZ-A Blank	0.01	<0.001	<0.5	0.00	0.00	

Sample ID	Claim Block	Easting	Northing	Showing/ Prospect	Sample Source	Sample Type	Rock Type (Field)	Texture	Colour Fresh	Colour Weathered	Grain Size	Major Minerals	Comments	Cu (%)	Au (g/t)	Ag (g/t)	Zn (%)	Li2O (%)	Ta2O5 (ppm)
142950													OREAS 504b	1.09	1.595	2.9	0.01	0.01	
143024													QTZ-A Blank	0.00	<0.001	<0.5	0.00	0.00	
143025													OREAS 504b	1.11	1.63	2.7	0.01	0.01	
143074													QTZ-A Blank	0.00	<0.001	<0.5	0.00	0.00	
143075													OREAS 504b	1.07	1.56	2.8	0.01	0.01	
143143													QTZ-A Blank	0.00	<0.001	<0.5	0.00	0.00	
143144													OREAS 504b	1.12	1.63	3	0.01	0.00	
143170													OREAS 504b	1.13	1.625	2.9	0.01	0.00	
143211													OREAS 504b	1.02	1.595	3.1	0.01	0.00	
143476													OREAS 504b	1.11	1.585	3	0.01	0.01	
143477													QTZ-A Blank	0.00	0.002	<0.5	0.00	0.00	
143478													QTZ-A Blank	0.00	<0.001	<0.5	0.00	0.00	
143481													QTZ-A Blank	0.00	<0.001	<0.5	0.00	0.00	
143482													OREAS 504b	1.03	1.58	3.4	0.01	0.01	
143485													QTZ-A Blank	0.00	<0.001	<0.5	0.00	0.00	
143486													OREAS 504b	1.03	1.615	3	0.01	0.00	
142024													QTZ-A Blank	0.00	0.018	<0.5	0.00	0.00	
142025													OREAS 504b	1.10	1.625	3.2	0.01	0.01	
142048													OREAS 504b	1.13	1.62	3.1	0.01	0.00	
142049													QTZ-A Blank	0.00	<0.001	<0.5	0.00	0.00	
142067													OREAS 504b	1.09	1.625	3	0.01	0.00	
142068													QTZ-A Blank	0.00	<0.001	<0.5	0.00	0.00	
142096													QTZ-A Blank	0.00	0.004	<0.5	0.00	0.00	0
142097													OREAS 752	0.00	0.09	<0.5	0.01	1.48	56
142135													QTZ-A Blank	0.00	<0.001	<0.5	0.00	0.00	0
142136													OREAS 752	0.00	0.08	<0.5	0.01	1.44	55
142160													QTZ-A Blank	0.00	0.001	<0.5	0.00	0.00	0
142161													OREAS 752	0.00	0.083	<0.5	0.01	1.56	54
142185													QTZ-A Blank	0.00	0.001	<0.5	0.00	0.00	
142188													OREAS 504b	1.13	1.565	3	0.01	0.00	
142249													QTZ-A Blank	0.00	0.001	<0.5	0.00	0.00	
142250													OREAS 504b	1.11	1.58	3	0.01	0.01	
142274													OREAS 504b	1.06	1.615	3.2	0.01	0.00	
142275													QTZ-A Blank	0.00	0.001	<0.5	0.00	0.00	
142299													QTZ-A Blank	0.00	<0.001	<0.5	0.00	0.00	
142300													OREAS 504b	1.11	1.625	3.1	0.01	0.00	
142320													QTZ-A Blank	0.00	0.001	<0.5	0.00	0.00	
142321													OREAS 504b	1.10	1.57	3	0.01	0.00	
142375													OREAS 504b	1.13	1.595	3.1	0.01	0.00	

Coordinate System: NAD83, Zone 18

*Standard abbreviations of minerals from:

Whitney, D.L. and Evans, B.W. (2010). Abbreviations for names of rock-forming minerals. American Mineralogist. Vol. 96. p185-187

Kretz, R. (1983). Symbols for rock-forming minerals. American Mineralogist. Vol. 68. p277-279

APPENDIX III: ROCK SAMPLE ANALYTICAL CERTIFICATES



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This copy reported on 7-JAN-2020
Account: OSIFCIDH

VO19175118

Project: FCI
P.O. No.: OSK-FCI-00003
This report is for 49 Rock samples submitted to our lab in Val d'Or, QC, Canada on 17-JUL-2019.

The following have access to data associated with this certificate:

NEIL MCCALLUM

CORPORATIF WEBTRIEVE O3 MINING

DARREN SMITH

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
Cu-OG62	Ore Grade Cu - Four Acid	
Zn-OG62	Ore Grade Zn - Four Acid	
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
Li-OG63	Ore grade Li - 4ACID	
ME-OG62o	Ore Grade open beaker -ICPAES	ICP-AES
ME-MS85	Lithium Borate Fusion - Select Elements	ICP-MS
ME-ICP61	33 element four acid ICP-AES	ICP-AES
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

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

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

Signature:

Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS VO19175118

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
142001		1.48	0.049	<0.5	6.56	<5	30	3.6	<2	0.67	<0.5	<1	7	1	0.38	20
142002		1.15	<0.001	<0.5	6.35	7	30	5.3	2	1.40	<0.5	1	26	30	3.29	20
142003		1.13	0.002	<0.5	7.73	<5	1040	1.0	<2	0.71	<0.5	2	10	11	0.82	20
142004		1.47	<0.001	<0.5	2.80	6	130	0.9	<2	0.41	<0.5	<1	15	7	2.73	10
142005		0.77	0.001	<0.5	4.22	<5	260	1.2	<2	0.41	<0.5	4	15	51	9.07	10
142006		1.25	0.004	<0.5	0.86	<5	110	<0.5	2	0.61	<0.5	<1	20	13	1.79	<10
142012		1.75	0.008	<0.5	1.53	<5	20	0.7	<2	3.84	<0.5	5	17	101	7.61	<10
142016		1.06	0.004	<0.5	3.72	<5	130	<0.5	4	1.07	<0.5	11	23	449	3.52	10
142017		1.24	0.007	<0.5	6.23	6	220	1.3	<2	1.77	<0.5	4	20	9	4.58	10
142018		1.17	<0.001	<0.5	2.59	<5	190	1.2	<2	1.07	<0.5	9	20	331	8.91	10
142019		0.70	0.001	<0.5	6.87	5	70	<0.5	<2	7.99	<0.5	41	126	14	8.82	10
142026		0.83	0.002	<0.5	6.82	<5	20	3.8	<2	0.49	<0.5	<1	9	<1	0.40	20
142027		0.94	<0.001	<0.5	7.85	<5	250	0.8	<2	4.00	<0.5	5	14	5	2.27	20
142028		1.15	0.001	<0.5	2.76	<5	210	0.7	<2	0.88	<0.5	1	19	12	3.14	10
142029		1.17	0.011	<0.5	4.09	6	540	0.7	3	0.13	<0.5	2	18	32	3.72	10
142036		0.67	0.005	<0.5	6.18	5	200	0.7	<2	1.51	<0.5	5	8	233	6.79	10
142037		0.89	0.002	<0.5	5.63	<5	100	0.7	<2	4.28	<0.5	6	72	16	12.50	20
142039		0.97	0.026	<0.5	6.99	<5	380	0.9	<2	3.83	<0.5	8	88	48	11.45	10
142040		0.85	<0.001	<0.5	2.99	<5	140	<0.5	3	0.90	<0.5	3	32	12	3.35	10
142041		0.82	<0.001	<0.5	0.05	<5	<10	<0.5	<2	0.01	<0.5	<1	19	<1	0.29	<10
142042		0.76	0.003	<0.5	2.74	<5	180	0.9	<2	1.39	<0.5	1	29	39	5.12	10
142043		0.78	<0.001	<0.5	9.32	11	550	<0.5	<2	6.97	<0.5	67	334	168	9.61	20
142048		<0.02	1.620	3.1	7.04	10	740	1.6	6	2.87	<0.5	21	70	>10000	7.31	20
142049		0.40	<0.001	<0.5	0.02	<5	<10	<0.5	<2	0.01	<0.5	<1	21	7	0.32	<10
142051		0.46	0.002	<0.5	0.56	114	10	<0.5	<2	0.35	<0.5	8	171	3	2.07	<10
142052		1.27	0.001	<0.5	5.64	26	190	0.8	<2	3.20	<0.5	7	55	7	11.40	10
142053		0.44	0.023	10.8	1.04	<5	<10	1.2	15	3.85	410	101	19	4400	28.3	10
142054		0.68	0.003	4.9	1.03	<5	10	<0.5	5	1.29	0.7	80	22	2180	13.40	<10
142055		0.60	0.002	<0.5	4.65	<5	40	<0.5	<2	8.80	0.7	6	86	45	13.40	10
142056		0.51	0.031	<0.5	7.45	<5	180	1.2	<2	5.07	0.9	28	28	768	4.69	20
142057		0.45	<0.001	<0.5	7.23	<5	340	0.7	<2	4.38	<0.5	15	58	51	7.63	20
142064		0.46	0.006	<0.5	7.58	59	170	0.5	<2	3.08	0.7	17	233	255	8.66	20
142065		0.89	0.002	<0.5	6.16	31	60	1.0	<2	8.15	0.7	35	65	147	13.55	20
142066		0.88	0.001	<0.5	0.93	26	<10	6.8	<2	0.10	<0.5	4	25	219	1.28	10
142067		<0.02	1.625	3.0	7.06	14	740	1.6	4	2.90	<0.5	22	72	>10000	7.31	20
142068		0.40	<0.001	<0.5	0.02	<5	<10	<0.5	<2	0.01	<0.5	1	17	3	0.28	<10
142076		0.64	<0.001	<0.5	7.27	<5	<10	1.3	<2	0.04	<0.5	<1	11	3	0.36	90
142101		0.77	<0.001	0.6	6.78	5	410	1.6	3	0.27	<0.5	21	45	39	5.33	10
142102		1.61	0.023	19.1	1.13	<5	10	0.5	16	1.45	5.2	82	35	6950	14.40	<10
142103		1.21	0.008	4.6	5.74	<5	130	0.6	8	3.33	1.1	76	183	1675	15.40	10



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Account: OSIFCIDH

Project: FCI

CERTIFICATE OF ANALYSIS VO19175118

Sample Description	Method Analyte Units LOD	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		% 0.01	ppm 10	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 5	ppm 1	ppm 1
142001		3.38	<10	130	0.03	113	<1	3.15	1	10	43	<0.01	<5	<1	60
142002		0.59	<10	190	0.24	771	<1	3.47	2	120	54	0.15	5	4	54
142003		5.54	<10	50	0.17	101	<1	2.42	2	20	35	0.01	<5	1	351
142004		0.95	10	20	0.09	73	1	0.39	<1	70	3	0.27	<5	3	31
142005		1.55	10	40	0.15	104	1	0.41	6	250	6	1.38	<5	4	40
142006		0.13	<10	10	0.07	74	1	0.12	1	380	2	0.28	<5	1	21
142012		0.26	10	10	0.31	686	2	0.16	9	880	<2	2.76	<5	2	47
142016		1.13	10	80	0.54	263	7	0.81	12	90	3	1.27	<5	3	45
142017		0.92	<10	30	0.60	299	<1	2.07	5	250	7	0.17	<5	5	198
142018		0.52	10	10	0.28	336	8	0.90	21	270	<2	5.50	<5	4	116
142019		0.27	10	30	4.34	4040	<1	1.16	92	150	3	0.08	<5	41	119
142026		4.43	<10	130	0.02	79	<1	2.87	<1	10	60	0.02	<5	<1	32
142027		1.08	10	30	0.81	667	1	2.49	5	470	5	0.05	<5	6	241
142028		0.58	10	20	0.14	79	<1	0.29	3	80	2	0.58	<5	2	126
142029		2.20	10	10	0.14	147	5	0.75	3	110	11	1.08	<5	4	54
142036		1.25	10	30	0.35	2770	1	2.30	7	280	4	1.13	<5	4	178
142037		0.59	20	50	1.72	3950	14	1.34	13	600	3	0.43	<5	13	180
142039		1.57	10	100	2.05	4360	7	1.13	16	740	4	0.65	<5	16	166
142040		0.63	10	80	0.33	424	<1	0.78	7	270	3	0.13	<5	5	107
142041		0.02	<10	30	<0.01	34	<1	0.01	<1	<10	<2	0.01	<5	<1	1
142042		0.52	<10	20	0.38	452	2	0.83	1	290	3	0.80	<5	4	184
142043		1.29	<10	60	3.82	1525	<1	1.14	194	320	<2	0.17	<5	49	106
142048		3.02	20	20	1.68	546	475	2.02	34	980	23	1.35	<5	15	437
142049		<0.01	<10	10	<0.01	35	<1	<0.01	1	<10	<2	<0.01	<5	<1	1
142051		0.03	<10	10	1.70	236	<1	0.10	73	10	2	0.01	<5	4	34
142052		1.10	10	30	1.50	5700	1	0.72	25	350	5	0.45	<5	9	200
142053		0.03	10	<10	2.59	1190	1	0.10	132	1050	3	10.0	<5	5	5
142054		0.11	10	<10	0.51	333	2	0.05	126	830	2	6.05	<5	1	17
142055		0.36	10	<10	3.43	4880	<1	0.48	8	240	9	0.18	<5	18	62
142056		1.27	20	50	1.99	1470	142	1.77	39	720	2	0.23	<5	18	28
142057		1.44	10	40	1.41	2590	17	1.72	40	590	5	0.84	<5	15	276
142064		0.66	10	270	4.39	953	1	2.02	24	330	33	1.05	5	33	120
142065		0.23	10	60	2.05	5770	<1	0.46	46	600	<2	0.78	<5	36	50
142066		0.12	40	70	0.04	209	2	0.16	6	410	3	0.51	<5	1	5
142067		3.00	20	20	1.69	556	474	2.02	36	1000	25	1.36	<5	15	439
142068		<0.01	<10	10	0.01	31	<1	0.01	3	<10	<2	0.01	<5	<1	1
142076		0.15	<10	>10000	0.01	957	<1	0.17	2	80	<2	0.04	<5	3	<1
142101		2.79	30	80	0.51	390	3	2.84	58	350	40	4.23	<5	11	143
142102		0.08	10	20	1.23	1640	1	0.11	118	260	3	6.72	<5	3	10
142103		0.64	10	20	2.71	2050	<1	0.85	116	260	37	5.13	<5	30	53



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Sample Description	Method Analyte Units LOD	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Cu-OG62	Zn-OG62	Li-OG63	ME-MS85
		Ti	Ti	U	V	W	Zn	Cu	Zn	Li	Ta
		% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2	% 0.001	% 0.001	% 0.005	ppm 0.1
142001		0.01	<10	<10	2	<10	7				
142002		0.11	<10	10	33	<10	32				
142003		0.06	10	<10	10	<10	16				
142004		0.08	10	<10	19	<10	6				
142005		0.14	<10	<10	29	10	11				
142006		0.04	<10	<10	11	30	4				
142012		0.03	<10	<10	9	<10	23				
142016		0.09	<10	<10	23	<10	27				
142017		0.20	<10	<10	32	<10	50				
142018		0.08	<10	<10	30	<10	24				
142019		0.34	<10	<10	218	<10	180				
142026		0.01	<10	<10	1	<10	6				
142027		0.24	<10	<10	41	<10	57				
142028		0.06	<10	<10	15	<10	7				
142029		0.11	<10	<10	23	<10	25				
142036		0.17	<10	<10	13	<10	30				
142037		0.33	<10	<10	89	20	52				
142039		0.40	<10	<10	103	<10	59				
142040		0.16	<10	<10	41	<10	19				
142041		<0.01	<10	<10	1	<10	<2				
142042		0.15	<10	<10	51	<10	26				
142043		0.73	<10	<10	384	<10	148				
142048		0.37	<10	<10	153	<10	105	1.130			
142049		<0.01	<10	<10	1	<10	<2				
142051		0.01	<10	<10	20	<10	29				
142052		0.21	<10	<10	56	<10	59				
142053		0.03	<10	<10	23	<10	>10000		7.09		
142054		0.01	<10	<10	11	<10	284				
142055		0.32	<10	<10	129	<10	192				
142056		0.45	<10	<10	141	<10	117				
142057		0.34	<10	<10	97	<10	100				
142064		0.34	<10	<10	199	<10	319				
142065		0.93	<10	<10	298	<10	362				
142066		0.01	<10	<10	2	<10	35				
142067		0.38	<10	<10	153	<10	108	1.085			
142068		<0.01	<10	<10	1	<10	4				
142076		0.01	<10	<10	1	<10	11			2.060	168.0
142101		0.12	<10	<10	51	<10	167				
142102		0.05	<10	<10	18	<10	1285				
142103		0.34	<10	<10	172	<10	735				



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Sample Description	Method Analyte Units LOD	WEI-21	Au-ICP21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
		0.02	0.001	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
142105		1.40	0.008	0.5	8.88	<5	570	0.6	<2	3.60	<0.5	20	159	58	8.87	20
142106		0.98	0.011	<0.5	7.77	<5	160	1.1	2	5.49	<0.5	44	74	796	11.80	20
142107		1.10	0.004	0.5	9.09	1710	530	3.1	<2	1.57	1.2	43	21	80	4.23	20
142108		1.67	0.002	<0.5	0.19	8	10	0.6	<2	1.81	0.5	5	16	59	5.93	<10
142113		0.49	0.006	0.9	7.62	37	170	0.8	4	2.25	4.3	74	149	512	8.80	20
142114		0.56	0.002	<0.5	6.95	20	60	2.5	2	11.85	1.1	38	61	296	14.00	20
142115		0.65	0.004	1.6	7.74	44	190	2.0	<2	0.87	<0.5	114	73	449	12.00	20
142151		0.90	<0.001	<0.5	8.44	34	30	34.6	2	0.05	<0.5	1	5	6	0.28	50
142201		0.72	<0.001	<0.5	5.14	5	20	1.6	3	0.05	<0.5	<1	15	2	0.48	50



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Sample Description	Method Analyte Units LOD	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		% 0.01	ppm 10	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 5	ppm 1	ppm 1
142105		2.21	<10	50	2.01	916	7	1.45	43	450	7	0.83	<5	19	162
142106		1.14	<10	40	3.25	2780	1	1.55	67	500	3	0.81	<5	41	95
142107		3.24	10	250	0.71	447	2	2.67	62	290	10	2.16	<5	11	209
142108		0.02	<10	20	0.81	2150	<1	0.03	6	150	<2	1.52	<5	<1	15
142113		0.45	20	260	2.64	473	1	2.42	150	220	65	5.77	<5	20	100
142114		0.22	10	100	2.11	6170	<1	0.51	72	640	4	1.86	<5	16	89
142115		3.56	10	400	0.86	594	4	1.08	63	220	7	9.26	<5	19	95
142151		5.30	<10	1270	0.01	283	<1	1.45	2	360	33	0.04	40	1	126
142201		0.46	<10	9430	0.02	447	<1	0.62	2	110	<2	0.01	<5	1	9



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Sample Description	Method Analyte Units LOD	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Cu-OG62	Zn-OG62	Li-OG63	ME-MS85
		Ti	Ti	U	V	W	Zn	Cu	Zn	Li	Ta
		% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2	% 0.001	% 0.001	% 0.005	ppm 0.1
142105		0.50	<10	<10	105	<10	347				
142106		0.77	<10	<10	333	30	233				
142107		0.18	<10	<10	55	<10	512				
142108		<0.01	<10	<10	4	<10	136				
142113		0.26	<10	<10	118	<10	1965				
142114		0.37	<10	<10	113	110	275				
142115		0.21	<10	<10	100	<10	204				
142151		<0.01	70	<10	1	<10	5				
142201		<0.01	<10	<10	1	<10	5				



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CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Val d'Or located at 1324 Rue Turcotte, Val d'Or, QC, Canada.			
	CRU-31	CRU-QC	LOG-22	LOG-24
	PUL-31	PUL-QC	SPL-21	WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-ICP21	Cu-OG62	Li-OG63	ME-ICP61
	ME-MS85	ME-OG62	ME-OG62o	Zn-OG62



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This copy reported on 7-JAN-2020
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VO19181582

Project: FCI
P.O. No.: O3-FCI-00002
This report is for 107 Rock samples submitted to our lab in Val d'Or, QC, Canada on 24-JUL-2019.

The following have access to data associated with this certificate:

NEIL MCCALLUM

CORPORATIF WEBTRIEVE O3 MINING

DARREN SMITH

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	
Li-OG63	Ore grade Li - 4ACID	
ME-OG62o	Ore Grade open beaker -ICPAES	ICP-AES
ME-MS85	Lithium Borate Fusion - Select Elements	ICP-MS
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

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

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

Signature:

Saa Traxler, General Manager, North Vancouver



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Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
142152		0.76	0.089	4.6	0.91	<5	10	<0.5	3	0.46	<0.5	5	33	1730	1.63	<10
142153		0.61	0.005	<0.5	7.14	<5	20	79.1	2	0.05	<0.5	<1	15	5	0.34	40
142154		0.77	0.002	<0.5	7.63	<5	20	2.3	<2	0.04	<0.5	<1	21	1	0.33	50
142155		0.73	<0.001	<0.5	5.14	<5	<10	70.3	2	0.04	<0.5	<1	13	2	0.24	30
142156		0.69	0.001	<0.5	10.50	<5	10	198.5	<2	0.05	<0.5	3	13	17	0.46	90
142157		0.72	<0.001	<0.5	8.25	<5	<10	201	4	0.04	<0.5	<1	18	1	0.49	70
142158		0.82	<0.001	<0.5	4.08	<5	<10	1.3	<2	0.09	<0.5	<1	20	1	0.28	10
142159		0.75	0.002	<0.5	2.90	<5	160	0.7	<2	0.29	<0.5	<1	22	1	0.60	10
142160		0.40	0.001	<0.5	0.03	<5	<10	<0.5	<2	<0.01	<0.5	1	19	<1	0.39	<10
142161		<0.02	0.083	<0.5	8.21	16	60	154.5	3	0.21	1.6	1	22	37	0.85	20
142176		0.72	0.004	<0.5	7.44	19	50	3.0	5	5.60	<0.5	51	41	26	14.40	20
142177		0.90	0.011	<0.5	5.19	16	130	<0.5	<2	2.14	<0.5	19	8	68	11.50	20
142178		0.85	0.008	<0.5	6.97	12	60	<0.5	<2	4.30	<0.5	40	50	117	15.00	20
142179		0.92	0.023	<0.5	6.98	205	180	0.9	3	5.81	<0.5	50	246	95	9.48	20
142180		0.78	0.004	<0.5	6.07	5	180	<0.5	<2	2.81	<0.5	15	3	78	15.50	20
142181		0.71	0.001	<0.5	6.36	<5	90	0.5	2	6.69	<0.5	76	1040	12	13.90	20
142182		0.99	0.001	<0.5	7.82	<5	450	0.7	<2	1.07	<0.5	3	14	9	1.11	20
142183		0.92	0.006	<0.5	6.43	122	320	<0.5	<2	6.10	0.7	57	541	117	10.30	20
142185		0.40	0.001	<0.5	0.05	<5	<10	<0.5	2	0.03	<0.5	<1	25	1	0.35	<10
142186		0.70	0.005	<0.5	5.91	144	180	0.5	<2	5.34	<0.5	27	80	40	21.3	20
142187		1.13	0.001	<0.5	7.41	<5	660	1.0	<2	5.10	<0.5	50	14	23	10.90	30
142188		<0.02	1.565	3.0	7.19	14	750	1.6	7	2.84	<0.5	23	72	>10000	7.41	20
142189		0.93	<0.001	<0.5	7.89	<5	70	<0.5	<2	7.32	<0.5	50	72	71	10.20	20
142190		0.80	0.002	1.8	0.96	<5	<10	<0.5	4	7.64	0.7	33	82	456	10.00	10
142191		0.64	<0.001	<0.5	5.09	7	40	<0.5	3	3.35	<0.5	32	9	136	6.47	10
142192		0.83	0.001	<0.5	7.58	<5	140	<0.5	2	7.16	0.5	49	211	31	8.79	20
142193		0.98	0.001	<0.5	8.05	<5	30	<0.5	<2	8.31	<0.5	55	191	15	8.82	20
142194		1.04	0.002	<0.5	8.13	<5	30	<0.5	<2	8.53	<0.5	56	202	125	9.87	20
142195		0.83	<0.001	<0.5	8.62	<5	360	0.8	<2	3.18	<0.5	18	17	20	4.86	20
142196		0.81	0.003	<0.5	8.68	7	20	<0.5	2	3.33	<0.5	15	258	51	7.93	20
142197		0.95	0.002	<0.5	8.33	<5	30	<0.5	<2	4.76	<0.5	23	246	62	7.61	10
142198		1.12	0.010	<0.5	8.24	<5	30	<0.5	2	3.78	<0.5	46	240	7	8.72	20
142226		0.78	0.003	<0.5	7.44	27	60	3.3	<2	6.60	<0.5	38	157	75	7.55	20
142227		1.23	0.034	<0.5	7.18	36	590	1.5	<2	1.79	<0.5	17	34	57	4.23	20
142228		1.24	0.008	<0.5	3.73	<5	80	0.6	<2	2.75	0.7	26	522	144	14.70	10
142229		0.77	0.004	<0.5	6.76	<5	260	<0.5	2	3.11	1.3	13	8	75	16.20	20
142230		1.02	0.012	<0.5	4.11	<5	130	0.8	<2	3.93	0.9	19	564	117	14.70	10
142231		0.87	0.022	<0.5	6.41	<5	300	<0.5	<2	3.90	0.8	27	31	159	17.75	20
142232		0.56	1.470	2.3	4.70	28	350	2.4	<2	4.01	1.1	24	26	251	7.85	10
142233		0.44	0.018	<0.5	6.62	16	570	0.8	<2	1.22	<0.5	37	48	46	8.76	20



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Sample Description	Method Analyte Units LOD	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Li ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm
		0.01	10	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20
142152		0.05	<10	10	0.90	272	<1	0.21	10	90	2	0.19	<5	5	10	<20
142153		4.07	<10	2680	0.02	371	<1	2.12	<1	350	10	<0.01	<5	<1	57	<20
142154		3.12	<10	9330	0.01	883	<1	1.30	<1	270	6	<0.01	<5	<1	47	<20
142155		0.61	<10	70	0.01	150	<1	3.14	<1	230	2	<0.01	<5	<1	16	<20
142156		1.41	<10	>10000	0.01	1010	<1	2.09	34	250	3	<0.01	<5	<1	16	<20
142157		1.73	<10	>10000	0.01	1140	<1	1.88	<1	240	2	<0.01	<5	<1	21	<20
142158		2.18	<10	10	0.02	41	<1	1.72	<1	80	11	<0.01	<5	<1	3	<20
142159		1.26	<10	10	0.03	113	1	1.12	<1	30	5	<0.01	<5	1	24	<20
142160		0.01	<10	20	<0.01	44	<1	0.01	<1	<10	<2	<0.01	<5	<1	1	<20
142161		2.21	<10	7230	0.04	800	4	2.88	9	1490	16	0.05	<5	<1	35	<20
142176		0.22	<10	100	3.84	4460	1	2.10	60	460	4	0.10	<5	50	132	<20
142177		0.14	<10	50	1.79	4250	1	1.75	14	450	4	0.24	<5	31	90	<20
142178		0.24	<10	70	3.22	4780	1	1.56	51	410	9	0.55	<5	45	76	<20
142179		0.80	<10	60	4.03	1605	1	2.38	131	470	2	0.09	<5	38	134	<20
142180		0.21	<10	40	2.00	5750	1	1.88	11	530	4	0.47	<5	36	111	<20
142181		0.25	<10	20	4.13	4270	1	1.07	356	230	<2	0.01	<5	38	47	<20
142182		1.62	10	10	0.39	180	1	4.78	6	270	6	0.01	<5	2	122	<20
142183		1.07	<10	110	4.40	2040	1	0.39	254	230	<2	0.08	<5	40	56	<20
142185		0.01	<10	10	0.02	48	<1	0.01	2	<10	<2	<0.01	<5	<1	1	<20
142186		0.17	<10	10	2.90	9050	1	1.06	47	750	<2	0.06	<5	38	284	<20
142187		1.17	20	30	2.18	1380	2	2.40	20	1450	8	0.13	<5	26	347	<20
142188		3.00	20	20	1.68	538	471	2.05	36	980	25	1.34	<5	15	444	<20
142189		0.71	<10	10	3.83	1645	2	1.52	66	320	<2	0.05	<5	49	115	<20
142190		0.02	<10	<10	11.75	1975	1	0.14	77	40	48	0.67	<5	6	4	<20
142191		0.21	<10	70	3.66	631	1	0.73	13	450	2	0.12	<5	24	103	<20
142192		0.56	<10	10	4.86	1560	2	1.70	139	250	<2	<0.01	<5	35	152	<20
142193		0.19	<10	10	5.15	1495	1	1.27	194	60	2	<0.01	<5	32	135	<20
142194		0.19	<10	10	5.49	1550	<1	0.84	163	40	<2	0.11	<5	40	166	<20
142195		1.46	10	20	1.58	858	1	3.22	15	810	<2	0.03	<5	13	278	<20
142196		0.05	<10	30	4.33	1665	1	3.52	19	260	2	0.33	<5	53	122	<20
142197		0.04	<10	20	3.00	1945	<1	2.58	24	210	3	0.41	<5	45	152	<20
142198		0.15	<10	150	7.06	2010	1	1.70	92	240	<2	<0.01	<5	49	92	<20
142226		0.39	<10	80	3.40	1945	1	3.15	94	290	<2	0.81	<5	37	81	<20
142227		2.34	20	30	0.78	613	3	2.07	37	270	13	2.59	<5	11	124	<20
142228		0.28	<10	80	4.09	920	1	0.32	104	890	3	3.08	<5	16	69	<20
142229		0.10	<10	30	2.10	8450	2	1.87	12	570	11	0.64	<5	38	172	<20
142230		0.31	10	60	4.56	1185	3	0.32	154	1020	3	1.26	<5	17	65	<20
142231		0.25	<10	30	3.23	7620	2	0.78	40	400	<2	0.62	<5	40	121	<20
142232		1.63	<10	30	2.16	3440	4	0.84	26	40	24	2.70	9	29	121	<20
142233		1.64	10	30	0.83	640	2	2.15	13	550	11	1.89	6	15	85	<20



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Sample Description	Method Analyte Units LOD	ME-ICP61 Ti %	ME-ICP61 Ti ppm	ME-ICP61 U ppm	ME-ICP61 V ppm	ME-ICP61 W ppm	ME-ICP61 Zn ppm	Cu-OG62 Cu %	Li-OG63 Li %	ME-MS85 Ta ppm
		0.01	10	10	1	10	2	0.001	0.005	0.1
142152		0.05	<10	<10	22	<10	24			<0.1
142153		<0.01	20	<10	<1	<10	29			90.5
142154		<0.01	30	<10	<1	<10	13			80.8
142155		<0.01	10	<10	<1	<10	26			77.4
142156		<0.01	10	<10	1	20	25		2.060	160.0
142157		0.01	20	<10	<1	<10	67		1.260	134.5
142158		<0.01	<10	<10	<1	<10	2			1.0
142159		0.02	<10	<10	2	<10	3			0.3
142160		<0.01	<10	<10	<1	<10	<2			<0.1
142161		0.02	10	10	4	<10	103			43.9
142176		0.86	<10	<10	354	<10	125			
142177		0.71	<10	<10	283	<10	120			
142178		0.72	<10	<10	330	<10	137			
142179		0.78	<10	<10	325	10	60			
142180		0.97	<10	<10	297	<10	113			
142181		0.60	<10	<10	272	<10	106			
142182		0.13	<10	<10	19	<10	34			
142183		0.48	<10	<10	253	<10	501			
142185		<0.01	<10	<10	2	<10	2			
142186		1.05	<10	<10	352	<10	183			
142187		1.19	<10	<10	241	<10	145			
142188		0.37	<10	<10	154	<10	108	1.125		
142189		0.60	<10	<10	323	<10	107			
142190		0.04	<10	<10	52	<10	138			
142191		0.81	<10	<10	377	<10	59			
142192		0.47	<10	<10	267	<10	88			
142193		0.36	<10	<10	267	<10	94			
142194		0.48	<10	<10	300	<10	90			
142195		0.43	<10	<10	96	<10	69			
142196		0.42	<10	<10	271	<10	94			
142197		0.41	<10	<10	265	<10	71			
142198		0.41	<10	<10	284	<10	111			
142226		0.50	<10	<10	248	<10	110			
142227		0.11	<10	<10	47	<10	117			
142228		0.16	<10	<10	89	<10	80			
142229		0.98	<10	<10	342	<10	222			
142230		0.19	10	<10	98	<10	75			
142231		0.64	10	<10	304	<10	107			
142232		0.47	<10	<10	153	100	88			
142233		0.40	<10	<10	104	<10	35			



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Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
142234		0.45	0.029	<0.5	5.59	203	210	0.7	<2	5.87	0.6	55	1225	45	8.34	10
142235		0.63	0.055	<0.5	4.25	55	310	1.3	2	1.93	0.6	7	777	41	10.50	10
142236		0.73	0.016	<0.5	4.75	15	80	<0.5	<2	6.28	0.7	24	18	36	8.39	10
142237		0.62	0.005	<0.5	5.98	129	210	<0.5	<2	4.43	0.8	69	1290	85	15.00	20
142238		0.41	0.003	<0.5	7.69	7	70	<0.5	<2	7.67	0.7	44	118	23	9.93	20
142239		0.95	0.001	<0.5	7.91	969	180	0.6	<2	6.90	<0.5	69	233	275	5.41	20
142240		0.95	0.002	<0.5	7.51	5	60	<0.5	<2	7.77	1.7	23	374	80	12.20	20
142241		0.87	0.004	1.1	6.70	9	80	0.6	<2	6.37	1.0	40	21	265	7.87	20
142242		0.71	<0.001	<0.5	6.58	<5	210	1.0	2	3.61	<0.5	22	71	79	5.46	20
142243		0.51	0.080	<0.5	8.67	15	150	<0.5	<2	4.63	<0.5	66	172	183	6.65	20
142244		0.68	0.003	<0.5	7.72	<5	70	<0.5	<2	7.21	0.9	39	205	47	8.06	20
142245		0.95	0.500	0.7	7.62	41	530	4.9	<2	7.94	0.6	34	217	96	6.75	20
142246		0.92	0.887	0.6	7.92	23	540	3.8	<2	4.87	0.6	41	224	186	8.30	20
142247		0.60	0.115	1.8	0.79	11	110	0.5	2	4.91	0.5	7	28	84	1.59	<10
142248		0.53	0.001	<0.5	0.07	<5	<10	<0.5	<2	0.06	<0.5	<1	53	1	0.38	<10
142249		0.40	0.001	<0.5	0.02	<5	<10	<0.5	<2	0.01	<0.5	<1	36	<1	0.33	<10
142250		<0.02	1.580	3.0	6.94	13	730	1.6	7	2.91	0.6	21	73	>10000	7.14	20
142301		0.94	0.002	<0.5	6.37	5	10	1.0	<2	8.46	0.7	116	308	94	8.33	20
142302		1.06	0.007	<0.5	8.10	<5	680	1.1	<2	2.80	<0.5	34	158	110	8.88	20
142303		0.69	0.006	<0.5	7.63	<5	120	<0.5	<2	6.07	0.8	66	240	81	9.35	20
142304		1.16	2.81	<0.5	2.94	>10000	250	1.2	2	3.28	0.8	21	143	34	6.18	10
142305		0.82	0.189	<0.5	5.23	53	20	<0.5	<2	3.63	1.1	38	51	143	22.4	10
142306		1.22	0.015	0.6	6.94	13	60	<0.5	<2	2.88	0.7	93	39	1485	8.47	20
142307		0.72	0.021	0.9	7.90	62	1070	1.8	2	3.41	<0.5	17	58	66	4.11	20
142308		0.63	0.001	<0.5	0.21	7	10	<0.5	<2	0.06	<0.5	1	27	4	0.56	<10
142309		0.83	0.001	<0.5	7.42	5	450	1.0	<2	2.01	<0.5	6	28	4	2.61	20
142310		0.94	3.43	0.8	7.10	9740	450	1.7	2	4.90	1.0	45	87	170	9.63	20
142311		0.36	0.015	<0.5	8.75	34	500	0.7	<2	2.37	<0.5	22	57	58	4.93	10
142312		0.67	0.011	<0.5	9.13	7	880	0.8	3	4.32	0.5	20	106	51	5.23	20
142313		0.96	0.005	<0.5	0.04	19	<10	<0.5	<2	0.02	<0.5	1	25	2	0.28	<10
142314		1.36	0.010	<0.5	8.42	7	600	1.1	<2	3.44	<0.5	23	96	47	4.05	20
142315		1.08	0.024	<0.5	7.23	<5	440	1.0	<2	4.24	<0.5	15	309	36	7.82	20
142316		0.83	0.002	<0.5	7.62	6	340	1.2	2	3.51	<0.5	21	93	185	6.74	20
142317		0.82	<0.001	<0.5	8.13	5	540	1.2	<2	2.96	<0.5	15	99	84	3.33	20
142318		0.71	0.005	<0.5	7.37	11	620	0.9	<2	4.69	<0.5	33	66	465	9.27	20
142319		0.84	0.007	<0.5	5.52	41	280	4.7	<2	4.68	<0.5	30	310	84	5.90	20
142320		0.40	0.001	<0.5	0.02	<5	<10	<0.5	<2	0.01	<0.5	1	26	1	0.44	<10
142321		<0.02	1.570	3.0	6.85	16	720	1.5	10	2.75	0.5	20	69	>10000	7.09	20
142351		0.68	0.006	<0.5	6.62	19	40	2.0	<2	4.69	0.8	44	35	103	16.75	20
142352		0.82	0.006	<0.5	5.74	52	210	0.5	<2	2.41	<0.5	37	636	157	12.20	10



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		0.01	10	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20
142234		0.78	<10	40	7.39	1600	1	0.46	487	200	<2	1.29	6	24	94	<20
142235		1.11	<10	30	3.71	1960	2	0.49	15	390	30	1.06	5	18	80	<20
142236		0.56	<10	30	5.09	1545	2	0.15	35	190	<2	0.09	<5	22	80	<20
142237		0.44	<10	30	3.74	5350	1	0.72	387	250	<2	0.20	7	34	59	<20
142238		0.19	<10	20	3.46	1725	1	1.19	88	380	<2	0.04	<5	44	83	<20
142239		1.32	<10	20	3.45	842	6	1.16	171	70	3	1.95	<5	35	121	<20
142240		0.47	<10	20	6.84	3400	2	0.93	74	300	<2	0.61	<5	34	37	<20
142241		0.08	10	40	2.05	937	2	0.13	55	420	15	4.79	<5	7	116	<20
142242		0.53	10	80	1.29	956	2	2.06	54	550	4	3.21	<5	12	251	<20
142243		1.66	<10	20	3.04	970	4	2.99	79	30	<2	2.29	<5	23	134	<20
142244		0.81	<10	20	5.07	1485	1	1.70	77	250	<2	0.14	<5	46	95	<20
142245		2.52	<10	30	4.00	1965	4	1.48	92	250	30	3.80	<5	45	275	<20
142246		2.08	<10	30	3.87	1320	21	2.66	87	110	24	4.00	16	42	233	<20
142247		0.26	<10	10	0.28	444	9	0.33	6	120	132	0.36	<5	3	43	<20
142248		0.01	<10	<10	0.01	44	<1	0.04	<1	<10	3	0.01	<5	<1	2	<20
142249		0.01	<10	10	0.01	38	<1	0.01	<1	<10	<2	<0.01	<5	<1	1	<20
142250		2.90	20	30	1.69	539	471	1.98	32	1000	27	1.34	<5	14	430	<20
142301		0.20	10	20	5.09	1365	1	2.50	78	550	5	2.57	<5	31	153	<20
142302		2.29	<10	120	2.45	917	2	2.18	93	620	6	1.11	<5	30	400	<20
142303		0.72	<10	50	4.28	1755	17	1.92	74	500	<2	0.98	<5	53	68	<20
142304		0.88	<10	10	1.93	1460	<1	0.65	28	80	4	0.93	13	19	106	<20
142305		0.05	<10	20	2.81	13900	1	0.22	86	210	<2	2.51	<5	31	28	<20
142306		0.49	10	10	1.89	821	1	2.74	72	1320	3	2.39	<5	24	117	<20
142307		2.04	20	40	1.28	769	3	2.69	18	950	117	0.32	<5	12	744	<20
142308		0.02	<10	<10	0.03	106	<1	0.09	1	10	<2	0.04	<5	<1	13	<20
142309		2.14	20	30	0.31	345	1	2.32	11	480	4	0.02	<5	8	202	<20
142310		2.35	<10	80	2.91	2050	<1	1.65	43	440	5	1.43	8	34	138	<20
142311		1.15	10	100	0.59	203	4	4.22	17	880	5	2.74	<5	14	405	<20
142312		1.85	10	60	1.89	454	1	3.79	8	950	6	1.12	<5	24	704	<20
142313		0.01	<10	<10	0.01	31	<1	0.02	2	<10	2	0.01	<5	<1	3	<20
142314		1.66	10	110	2.04	479	<1	3.31	41	1140	8	1.49	<5	11	818	<20
142315		1.87	20	40	3.39	923	1	1.75	65	830	2	0.24	<5	17	455	<20
142316		1.43	<10	70	1.66	584	6	2.48	42	690	5	1.21	<5	16	426	<20
142317		0.60	10	20	1.54	600	2	4.57	48	500	13	0.66	<5	10	823	<20
142318		1.64	10	10	2.76	1875	<1	3.02	40	1630	2	1.25	<5	25	248	<20
142319		0.51	10	20	4.77	1075	1	2.12	147	520	4	0.04	<5	21	332	<20
142320		<0.01	<10	10	0.01	50	1	0.01	1	<10	<2	<0.01	<5	<1	1	<20
142321		2.88	20	20	1.62	515	453	1.98	35	970	24	1.30	<5	14	426	<20
142351		0.16	<10	50	2.87	5570	1	1.59	64	440	<2	1.00	<5	43	35	<20
142352		0.88	10	80	5.02	3190	1	1.06	276	330	8	2.03	<5	21	82	<20



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CERTIFICATE OF ANALYSIS VO19181582

Sample Description	Method Analyte Units LOD	ME-ICP61 Ti %	ME-ICP61 Ti ppm	ME-ICP61 U ppm	ME-ICP61 V ppm	ME-ICP61 W ppm	ME-ICP61 Zn ppm	Cu-OG62 Cu %	Li-OG63 Li %	ME-MS85 Ta ppm
		0.01	10	10	1	10	2	0.001	0.005	0.1
142234		0.22	<10	<10	131	<10	115			
142235		0.22	<10	<10	91	10	139			
142236		0.24	<10	<10	149	140	88			
142237		0.56	<10	<10	240	<10	106			
142238		0.85	<10	<10	335	10	111			
142239		0.43	<10	<10	210	20	196			
142240		0.41	<10	<10	259	<10	162			
142241		0.18	<10	<10	79	<10	252			
142242		0.27	<10	<10	90	<10	102			
142243		0.22	<10	<10	154	<10	60			
142244		0.41	<10	<10	283	<10	83			
142245		0.36	<10	<10	243	80	122			
142246		0.52	<10	<10	282	10	101			
142247		0.03	<10	<10	13	30	34			
142248		<0.01	<10	<10	1	<10	<2			
142249		<0.01	<10	<10	1	<10	<2	1.110		
142250		0.37	<10	<10	151	<10	108			
142301		0.58	<10	<10	199	<10	81			
142302		0.53	<10	<10	216	<10	83			
142303		0.42	<10	<10	289	<10	100			
142304		0.30	<10	<10	136	20	28			
142305		0.41	10	<10	211	<10	162			
142306		0.65	10	<10	90	<10	52			
142307		0.32	10	<10	97	<10	66			
142308		0.01	<10	<10	2	<10	<2			
142309		0.26	<10	<10	46	<10	47			
142310		0.79	<10	<10	288	20	99			
142311		0.37	<10	<10	131	<10	15			
142312		0.34	<10	<10	172	<10	37			
142313		<0.01	<10	<10	1	<10	<2			
142314		0.29	<10	<10	100	<10	76			
142315		0.31	<10	<10	120	<10	74			
142316		0.35	10	<10	119	<10	38			
142317		0.25	10	<10	96	<10	78			
142318		0.75	10	<10	221	10	92			
142319		0.35	10	<10	123	<10	105			
142320		<0.01	<10	<10	<1	<10	<2	1.100		
142321		0.36	10	<10	147	<10	102			
142351		0.75	<10	<10	317	<10	103			
142352		0.26	<10	<10	121	<10	129			



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CERTIFICATE OF ANALYSIS VO19181582

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
142353		1.15	0.009	<0.5	6.19	16	120	<0.5	<2	4.24	0.9	28	310	90	14.05	20
142354		1.50	0.015	<0.5	5.98	30	140	0.6	<2	3.76	0.6	27	241	89	14.35	20
142355		0.93	0.001	<0.5	6.63	13	120	<0.5	<2	6.38	<0.5	83	1120	16	13.00	20
142356		0.88	0.047	0.5	7.98	8	170	0.9	<2	5.89	<0.5	32	342	32	7.35	20
142357		0.62	0.034	<0.5	4.42	29	150	0.7	2	4.14	0.5	15	874	45	10.50	10
142358		0.93	0.013	<0.5	7.69	63	110	0.5	<2	8.81	0.8	35	22	24	12.55	20
142359		0.79	0.002	<0.5	6.16	10	10	<0.5	<2	4.56	0.6	32	1435	259	17.70	20
142360		0.71	0.041	1.0	7.66	15	190	<0.5	<2	5.51	1.3	48	249	1370	7.75	20
142361		0.85	0.003	<0.5	7.10	9	70	<0.5	<2	5.45	0.5	31	47	83	10.90	20
142362		1.20	0.193	0.6	4.46	6	20	<0.5	2	2.01	2.9	20	103	171	15.20	10
142363		0.82	0.013	<0.5	7.53	<5	170	<0.5	<2	3.78	<0.5	29	216	188	9.32	20
142364		0.68	0.002	<0.5	7.08	8	70	<0.5	<2	5.36	<0.5	49	45	85	10.00	20
142365		0.94	0.011	<0.5	7.33	14	420	0.8	<2	1.96	<0.5	6	14	48	5.01	20
142366		0.99	0.002	<0.5	7.63	58	230	0.7	<2	6.21	<0.5	36	51	14	10.80	30
142367		1.53	0.004	<0.5	7.20	88	460	0.8	<2	4.64	0.6	33	104	43	8.81	20
142368		0.61	0.002	<0.5	7.72	6	210	0.7	<2	4.02	<0.5	29	30	72	11.45	20
142369		0.78	0.001	<0.5	6.39	<5	50	<0.5	<2	4.54	<0.5	47	33	147	8.86	20
142370		1.66	0.006	<0.5	6.53	131	110	0.7	2	4.48	<0.5	54	33	157	13.25	20
142371		1.04	<0.001	<0.5	6.54	20	210	0.5	<2	4.20	<0.5	42	83	60	13.50	20
142372		0.74	0.012	<0.5	1.75	12	100	1.9	<2	1.57	<0.5	<1	12	16	24.9	10
142373		0.70	0.010	<0.5	0.14	9	<10	<0.5	<2	1.71	0.6	1	4	2	22.7	<10
142374		0.71	0.066	<0.5	5.46	9	10	<0.5	<2	5.26	0.8	5	50	62	19.95	10
142375		<0.02	1.595	3.1	6.81	13	720	1.5	10	2.79	<0.5	22	70	>10000	7.15	20
143478		0.40	<0.001	<0.5	0.02	<5	<10	<0.5	<2	0.01	<0.5	1	25	6	0.38	<10
142376		0.75	<0.001	<0.5	6.83	<5	360	1.0	<2	3.33	<0.5	15	108	41	4.65	20
142377		0.75	<0.001	<0.5	4.82	<5	170	0.9	<2	1.92	0.5	6	51	37	7.06	10
142378		1.09	<0.001	<0.5	5.25	<5	340	1.0	3	1.59	<0.5	3	49	35	3.82	10



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Sample Description	Method Analyte Units LOD	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		0.01	10	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1
142353		0.60	<10	140	4.12	4030	<1	0.64	79	490	11	1.23	<5	35	73
142354		0.74	<10	90	3.95	4270	<1	0.50	69	400	11	1.81	<5	34	54
142355		0.26	<10	10	3.92	3870	<1	1.27	418	220	<2	0.03	<5	39	117
142356		1.85	<10	30	5.17	1415	7	1.76	74	140	<2	1.19	<5	49	127
142357		0.74	<10	10	4.81	1495	11	0.54	136	220	11	1.09	<5	18	121
142358		0.63	<10	20	5.44	2100	<1	0.68	55	370	3	0.02	5	43	90
142359		0.13	<10	20	3.76	6360	<1	0.51	101	220	4	0.21	<5	36	25
142360		0.55	<10	30	3.54	1575	1	1.67	81	210	11	0.68	<5	40	84
142361		0.13	<10	10	3.24	1720	<1	2.24	18	880	2	0.23	<5	48	172
142362		0.09	<10	10	2.02	2260	3	0.13	52	340	7	1.88	<5	17	22
142363		0.43	<10	60	5.52	1945	<1	1.53	43	160	2	1.37	<5	49	85
142364		0.18	<10	30	3.01	2640	1	2.02	48	430	<2	0.02	<5	44	135
142365		2.45	10	20	0.60	1325	1	1.63	4	720	6	0.69	<5	11	100
142366		0.90	10	40	2.63	2590	2	1.49	32	1590	4	0.47	<5	44	223
142367		2.50	10	40	2.75	1370	1	1.62	37	1430	7	3.29	<5	44	133
142368		1.21	10	50	2.53	1925	<1	1.61	30	1070	<2	0.04	<5	44	64
142369		0.13	<10	20	2.48	1185	<1	2.14	48	340	2	0.12	<5	42	137
142370		0.29	<10	10	3.74	1795	<1	2.16	44	1090	8	0.33	<5	47	189
142371		0.65	10	50	2.34	3620	<1	0.63	56	830	<2	0.10	<5	38	55
142372		0.18	<10	<10	0.48	350	2	0.13	4	1040	3	0.16	5	3	39
142373		0.02	<10	<10	1.18	11850	<1	0.03	2	60	<2	0.04	6	1	4
142374		0.16	<10	20	2.21	9220	3	0.34	12	570	4	1.39	7	15	29
142375		2.90	10	20	1.64	530	458	1.99	36	980	29	1.33	<5	14	425
143478		<0.01	<10	10	0.01	44	<1	0.01	1	10	<2	0.01	<5	<1	<1
142376		1.75	10	60	1.55	1385	2	1.77	22	560	12	2.58	<5	18	218
142377		0.81	10	70	0.66	881	3	1.64	15	470	10	1.94	<5	10	138
142378		1.13	10	130	0.73	869	3	1.76	2	420	6	1.98	<5	10	204



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Sample Description	Method Analyte Units LOD	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Cu-OG62	Li-OG63	ME-MS85
		Ti	Ti	U	V	W	Zn	Cu	Li	Ta
		% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2	% 0.001	% 0.005	ppm 0.1
142353		0.54	<10	<10	245	<10	157			
142354		0.53	10	<10	245	<10	189			
142355		0.59	<10	<10	267	<10	112			
142356		0.33	10	<10	279	10	80			
142357		0.20	<10	<10	139	<10	79			
142358		0.52	<10	<10	270	<10	146			
142359		0.61	<10	<10	263	<10	99			
142360		0.38	<10	<10	225	<10	566			
142361		1.42	<10	<10	400	<10	148			
142362		0.23	<10	<10	91	<10	683			
142363		0.36	<10	<10	261	<10	69			
142364		0.76	10	<10	341	<10	104			
142365		0.36	10	<10	42	<10	134			
142366		1.55	<10	<10	399	<10	136			
142367		1.48	<10	<10	398	<10	177			
142368		1.17	<10	<10	453	<10	101			
142369		0.54	10	<10	282	<10	95			
142370		1.16	<10	<10	413	10	176			
142371		0.94	<10	<10	327	<10	121			
142372		0.07	10	<10	20	<10	39			
142373		0.01	<10	<10	4	<10	9	1.130		
142374		0.28	<10	<10	85	<10	63			
142375		0.36	<10	<10	149	<10	106			
143478		<0.01	<10	<10	1	<10	<2			
142376		0.39	<10	<10	125	<10	77			
142377		0.21	<10	<10	62	<10	94			
142378		0.22	<10	<10	65	10	70			



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CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Val d'Or located at 1324 Rue Turcotte, Val d'Or, QC, Canada.			
	CRU-31	CRU-QC	LOG-22	LOG-24
	PUL-31	PUL-QC	SPL-21	WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-ICP21	Cu-OG62	Li-OG63	ME-ICP61
	ME-MS85	ME-OG62	ME-OG62o	



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VO19181593

Project: FCI
P.O. No.: O3-FCI-00002
This report is for 138 Rock samples submitted to our lab in Val d'Or, QC, Canada on 24-JUL-2019.

The following have access to data associated with this certificate:

NEIL MCCALLUM

CORPORATIF WEBTRIEVE O3 MINING

DARREN SMITH

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	
Li-OG63	Ore grade Li - 4ACID	
ME-OG62o	Ore Grade open beaker -ICPAES	ICP-AES
ME-MS85	Lithium Borate Fusion - Select Elements	ICP-MS
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

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

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

Signature:

Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS VO19181593

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
142251		0.69	0.018	<0.5	4.87	40	110	1.2	2	4.14	<0.5	44	10	187	23.6	20
142252		0.51	0.022	<0.5	4.49	12	70	<0.5	<2	3.19	1.6	7	10	77	20.4	20
142253		0.63	0.012	0.5	5.17	12	20	<0.5	<2	5.56	1.7	82	781	469	20.7	10
142254		1.41	0.021	<0.5	5.43	193	380	<0.5	<2	7.30	1.3	75	1180	187	11.70	20
142255		0.71	0.035	0.5	5.51	100	30	<0.5	<2	4.32	1.6	65	1290	153	23.1	20
142256		0.78	0.011	<0.5	6.87	20	60	<0.5	<2	4.69	1.2	37	44	95	14.75	20
142257		0.65	0.145	1.9	6.99	185	500	1.1	<2	1.48	0.5	8	44	139	9.56	20
142258		0.58	0.168	0.7	1.36	12	70	<0.5	<2	1.35	0.9	13	115	130	11.65	10
142259		0.69	0.001	<0.5	0.12	<5	<10	<0.5	<2	0.17	<0.5	1	29	2	0.46	<10
142260		0.98	0.023	<0.5	8.12	<5	30	<0.5	<2	4.67	0.9	36	2280	299	17.75	30
142261		0.45	0.001	<0.5	8.64	48	140	<0.5	<2	7.73	0.6	76	324	106	10.10	20
142262		0.60	0.005	<0.5	6.64	7	10	<0.5	<2	7.32	0.7	40	295	135	11.55	10
142263		0.36	0.002	<0.5	8.05	8	30	<0.5	<2	3.06	<0.5	45	421	113	8.85	20
142264		0.49	0.008	<0.5	6.80	21	100	0.6	<2	0.28	<0.5	9	49	11	5.34	20
142265		0.31	0.005	<0.5	3.70	<5	720	0.9	<2	1.08	<0.5	4	41	2	1.95	10
142266		1.10	0.014	<0.5	7.43	<5	120	<0.5	<2	6.78	0.6	35	195	155	7.41	20
142267		0.91	0.015	<0.5	8.15	9	170	<0.5	<2	5.42	<0.5	33	181	139	7.41	20
142268		0.60	0.003	<0.5	0.61	5	20	1.1	<2	1.56	<0.5	<1	6	7	28.7	<10
142269		0.71	0.017	<0.5	6.03	6	50	<0.5	<2	5.88	<0.5	31	170	89	6.97	10
142270		0.84	0.021	<0.5	7.51	<5	100	<0.5	<2	6.24	0.6	41	221	57	8.06	20
142271		1.45	0.429	5.5	0.53	43	80	<0.5	10	1.30	5.1	10	50	336	1.93	<10
142272		1.00	0.183	3.1	1.18	49	210	0.8	2	2.29	6.5	9	61	343	1.82	10
142273		0.78	0.310	1.3	7.13	41	430	2.5	<2	4.47	0.5	38	163	249	9.18	20
142274		<0.02	1.615	3.2	6.80	14	720	1.5	3	2.78	0.7	21	71	>10000	7.10	20
142275		0.40	0.001	<0.5	0.03	<5	<10	<0.5	<2	0.02	<0.5	<1	21	6	0.26	<10
142276		1.02	0.002	<0.5	6.57	6	10	<0.5	<2	9.92	0.5	61	170	219	8.96	20
142277		0.74	0.004	<0.5	8.71	<5	10	<0.5	<2	13.45	0.5	49	169	22	9.86	30
142278		1.35	0.015	<0.5	7.67	<5	110	<0.5	<2	6.30	1.0	53	254	574	13.90	20
142279		0.75	0.049	<0.5	5.46	20	40	0.5	<2	6.89	1.1	27	285	95	15.45	20
142280		0.73	0.607	<0.5	6.01	25	880	2.3	<2	1.92	<0.5	4	5	14	5.91	20
142281		0.64	0.056	7.3	6.52	<5	100	<0.5	5	5.72	2.4	60	68	2380	12.50	20
142282		0.84	0.021	1.8	7.24	<5	200	<0.5	5	2.59	1.0	33	59	271	9.98	20
142283		0.80	0.004	<0.5	7.61	<5	980	1.7	<2	2.11	<0.5	14	60	29	4.69	20
142284		0.99	0.041	<0.5	7.86	7	670	1.5	<2	2.93	<0.5	20	82	36	4.70	20
142285		0.71	0.003	<0.5	8.12	19	220	0.6	<2	3.67	0.5	40	225	4	6.50	20
142286		0.57	0.002	<0.5	6.52	<5	20	2.0	<2	4.55	0.5	37	281	37	8.86	20
142287		0.61	1.175	<0.5	6.17	7720	310	1.7	<2	6.06	0.9	50	1010	122	10.35	20
142288		0.57	0.210	<0.5	5.97	17	560	0.9	<2	1.37	<0.5	2	70	29	11.40	10
142289		0.69	0.002	<0.5	8.28	8	630	1.0	<2	4.31	<0.5	28	89	7	5.03	20
142290		0.53	0.002	<0.5	7.91	14	740	2.1	<2	4.08	<0.5	22	62	72	5.12	20



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Sample Description	Method Analyte Units LOD	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		% 0.01	ppm 10	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 5	ppm 1	ppm 1
142251		0.18	<10	40	2.40	10250	<1	0.51	59	310	10	4.96	<5	26	26
142252		0.10	<10	30	1.78	6430	<1	0.77	11	400	9	0.46	<5	25	53
142253		0.07	<10	10	4.09	9890	<1	0.43	409	210	<2	2.18	<5	29	19
142254		0.48	<10	40	6.32	3880	<1	0.59	609	200	2	0.18	<5	29	59
142255		0.06	<10	10	4.15	12200	<1	0.33	448	230	3	1.13	<5	27	27
142256		0.26	<10	20	3.19	5500	<1	1.59	38	400	<2	0.32	<5	43	121
142257		3.17	20	20	0.74	1995	1	1.46	12	450	63	0.90	<5	14	78
142258		0.25	<10	10	1.49	607	1	0.10	86	680	11	4.52	5	4	34
142259		0.01	<10	<10	0.08	78	<1	0.05	2	360	5	0.02	<5	1	5
142260		0.26	<10	30	5.99	3960	<1	0.73	88	240	2	0.61	<5	31	54
142261		0.51	<10	60	5.72	2520	<1	1.11	340	320	<2	0.06	<5	51	127
142262		0.06	<10	70	4.27	2510	<1	0.63	109	230	<2	0.16	<5	40	65
142263		0.08	<10	30	6.01	1025	<1	2.32	123	230	2	0.44	<5	39	77
142264		1.08	10	90	1.50	740	1	2.91	18	310	12	2.38	<5	10	58
142265		1.65	20	20	0.63	360	<1	0.91	8	630	19	0.01	<5	5	275
142266		1.23	<10	10	4.72	1535	2	1.98	75	230	<2	0.68	<5	44	102
142267		1.59	<10	20	3.59	1220	<1	2.54	79	70	<2	1.22	<5	35	117
142268		0.08	<10	<10	0.53	408	<1	0.11	1	510	<2	0.19	<5	1	18
142269		0.56	<10	20	4.08	1145	2	1.60	58	100	<2	0.24	<5	40	63
142270		0.62	<10	40	5.13	1275	<1	1.74	92	230	<2	0.11	<5	43	85
142271		0.14	<10	<10	0.15	194	5	0.20	9	90	398	1.12	12	2	17
142272		0.36	<10	<10	0.36	368	9	0.43	14	140	384	0.82	9	5	47
142273		1.10	<10	10	2.56	1295	6	3.15	61	150	75	5.12	18	38	306
142274		2.87	10	20	1.64	532	469	1.97	36	970	26	1.32	<5	14	425
142275		0.01	<10	10	0.01	30	<1	0.01	1	<10	<2	0.01	<5	<1	2
142276		0.10	<10	<10	3.51	1370	<1	1.10	90	290	9	0.55	<5	37	273
142277		0.02	<10	<10	1.03	1115	<1	0.08	66	270	13	0.39	<5	37	780
142278		0.49	<10	20	2.70	2520	1	1.02	101	220	<2	2.31	<5	54	71
142279		0.28	<10	<10	3.98	3580	<1	1.00	50	270	<2	0.15	<5	34	45
142280		1.71	10	10	0.58	2210	1	2.20	1	1190	13	1.62	<5	10	221
142281		0.56	<10	20	3.23	2810	<1	0.75	62	880	10	0.97	5	43	34
142282		1.20	<10	20	5.94	1835	<1	1.10	76	200	13	0.76	<5	34	111
142283		1.85	20	40	1.51	779	<1	2.67	20	800	8	0.30	<5	12	722
142284		2.11	20	30	1.40	658	<1	2.84	33	1190	33	0.34	<5	15	783
142285		0.55	10	40	4.14	922	<1	3.49	137	760	<2	0.01	<5	24	326
142286		0.11	<10	30	3.89	2950	<1	3.28	125	260	<2	0.11	<5	33	46
142287		2.70	<10	50	3.64	3780	<1	1.03	199	280	10	1.45	7	38	131
142288		1.93	20	20	0.42	1020	1	1.63	5	400	9	0.84	<5	5	392
142289		1.78	10	80	3.61	1015	<1	2.50	30	920	<2	0.01	<5	15	548
142290		2.82	10	110	2.29	1025	1	2.90	30	1490	11	0.07	<5	11	709



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Sample Description	Method Analyte Units LOD	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Cu-OG62	Li-OG63	ME-MS85
		Ti	Ti	U	V	W	Zn	Cu	Li	Ta
		% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2	% 0.001	% 0.005	ppm 0.1
142251		0.60	<10	<10	256	<10	158			
142252		0.57	<10	<10	256	<10	177			
142253		0.49	<10	<10	214	<10	226			
142254		0.47	<10	<10	236	<10	111			
142255		0.53	<10	<10	255	<10	136			
142256		0.74	<10	<10	325	<10	137			
142257		0.27	<10	<10	84	<10	80			
142258		0.05	<10	<10	27	<10	53			
142259		<0.01	<10	<10	2	<10	5			
142260		0.91	<10	<10	207	<10	355			
142261		0.63	<10	<10	292	<10	129			
142262		0.38	<10	<10	232	<10	113			
142263		0.45	<10	<10	278	<10	96			
142264		0.26	<10	<10	67	<10	16			
142265		0.14	<10	<10	44	<10	29			
142266		0.34	<10	<10	233	<10	87			
142267		0.32	<10	<10	208	<10	73			
142268		0.03	<10	<10	8	<10	9			
142269		0.30	<10	<10	223	<10	66			
142270		0.36	<10	<10	256	10	86			
142271		0.03	<10	<10	9	190	214			
142272		0.07	<10	<10	22	210	318			
142273		0.45	<10	<10	166	50	90			
142274		0.36	<10	<10	148	<10	107	1.060		
142275		<0.01	<10	<10	1	<10	<2			
142276		0.47	<10	<10	254	<10	53			
142277		0.29	<10	<10	271	<10	9			
142278		0.39	<10	<10	292	<10	102			
142279		0.49	<10	<10	234	<10	82			
142280		0.43	<10	<10	40	10	37			
142281		1.15	<10	<10	447	<10	358			
142282		0.40	<10	<10	244	<10	193			
142283		0.29	<10	<10	92	<10	77			
142284		0.36	<10	<10	124	<10	91			
142285		0.50	<10	<10	155	<10	72			
142286		0.49	<10	<10	207	<10	64			
142287		0.59	<10	<10	267	10	89			
142288		0.15	<10	<10	45	<10	28			
142289		0.30	<10	<10	117	<10	76			
142290		0.42	<10	<10	153	<10	71			



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Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
142291		0.74	0.001	<0.5	8.91	8	340	1.9	5	11.10	0.6	21	51	66	5.59	30
142292		0.74	<0.001	<0.5	7.76	7	360	1.5	<2	8.18	<0.5	32	208	121	5.27	20
142293		0.78	0.001	<0.5	0.21	<5	10	0.9	<2	1.11	<0.5	<1	15	16	32.8	<10
142294		0.68	0.004	<0.5	6.00	<5	100	1.9	123	0.25	<0.5	78	7	201	6.66	20
142295		0.41	0.001	<0.5	6.97	<5	60	3.3	<2	0.03	<0.5	4	9	6	1.62	20
142296		0.62	0.001	<0.5	2.67	5	<10	<0.5	<2	1.27	0.5	1	15	4	10.40	<10
142297		0.55	0.003	0.7	0.74	<5	<10	0.8	<2	10.35	1.1	33	10	254	13.70	10
142298		0.66	<0.001	<0.5	6.40	<5	140	0.7	<2	2.66	<0.5	5	11	46	2.25	10
142299		0.39	<0.001	<0.5	0.03	<5	<10	<0.5	<2	0.01	<0.5	<1	24	1	0.29	<10
142300		<0.02	1.625	3.1	6.69	11	710	1.5	4	2.74	0.6	21	70	>10000	7.05	20
142007		1.20	0.001	<0.5	8.98	<5	580	0.6	<2	4.80	<0.5	13	47	50	5.64	20
142008		0.92	0.019	0.5	5.37	133	250	1.1	<2	2.76	5.8	32	74	246	10.40	20
142009		0.51	<0.001	<0.5	6.91	<5	10	0.9	<2	0.23	<0.5	<1	16	2	0.41	20
142010		0.52	<0.001	<0.5	6.12	<5	60	0.5	<2	0.11	<0.5	<1	13	1	0.28	10
142011		1.02	0.002	<0.5	5.56	<5	490	1.5	<2	0.65	<0.5	3	29	72	0.90	20
142013		1.07	0.005	<0.5	1.08	<5	20	0.9	<2	2.98	0.5	5	36	75	9.83	<10
142014		0.85	0.006	<0.5	3.57	5	130	0.6	<2	3.97	0.6	13	64	47	11.50	10
142015		1.27	0.089	<0.5	0.31	<5	<10	<0.5	8	0.75	<0.5	1	29	34	3.61	<10
142020		0.87	0.001	<0.5	6.41	<5	230	1.5	<2	0.91	<0.5	<1	10	15	1.25	20
142021		0.83	0.005	0.5	8.28	<5	180	1.2	4	7.39	<0.5	46	305	113	8.74	20
142022		1.16	0.013	<0.5	7.68	<5	90	0.6	2	6.09	<0.5	46	173	28	10.55	20
142023		1.38	0.013	<0.5	8.29	<5	70	<0.5	<2	0.71	<0.5	26	37	1	3.68	20
142024		0.40	0.018	<0.5	0.06	<5	<10	<0.5	<2	0.03	<0.5	<1	15	2	0.33	<10
142025		<0.02	1.625	3.2	7.09	11	750	1.6	9	2.88	<0.5	20	71	>10000	7.42	20
142030		1.06	0.009	<0.5	3.43	<5	<10	1.3	<2	0.17	<0.5	<1	11	15	0.25	10
142031		1.28	0.003	<0.5	8.19	<5	470	1.5	3	7.69	<0.5	25	205	53	5.14	20
142032		0.79	0.007	<0.5	0.47	<5	<10	<0.5	<2	0.07	<0.5	<1	16	2	0.29	<10
142033		0.79	0.004	<0.5	6.61	<5	30	1.3	<2	0.45	<0.5	<1	10	1	0.48	20
142034		0.74	0.013	<0.5	7.82	6	780	1.6	<2	2.48	<0.5	21	131	25	4.93	20
142035		0.64	0.008	<0.5	7.53	<5	550	3.2	<2	1.37	<0.5	5	47	6	1.65	20
142038		0.75	0.041	<0.5	6.99	5	10	4.1	21	0.25	<0.5	1	5	20	5.21	40
142044		0.65	0.008	<0.5	5.77	5	10	17.2	2	4.62	1.0	30	184	18	10.95	20
142045		1.48	0.013	0.6	5.56	<5	10	<0.5	<2	7.20	1.2	92	732	131	12.20	10
142046		0.75	0.024	1.6	8.13	<5	120	1.2	3	6.45	1.0	43	159	1095	8.44	20
142047		0.51	0.034	10.1	2.62	84	130	0.5	2	0.04	1.1	2	7	522	22.3	10
142050		1.28	0.006	<0.5	7.44	<5	60	<0.5	<2	5.97	<0.5	52	219	205	11.60	20
142058		0.66	0.037	<0.5	3.95	14	340	0.9	<2	1.70	<0.5	9	25	69	5.31	10
142059		0.72	0.009	3.6	0.47	<5	<10	<0.5	<2	1.77	<0.5	647	18	2700	42.7	<10
142060		0.84	0.098	8.6	2.73	<5	20	1.0	27	8.78	3.6	64	814	9670	16.95	10
142061		0.82	0.014	<0.5	6.46	<5	40	0.5	<2	6.19	<0.5	41	56	140	18.45	20



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Sample Description	Method Analyte Units LOD	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Li ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm
		0.01	10	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20
142291		0.90	10	50	1.75	1155	4	1.90	15	690	7	0.08	<5	19	711	<20
142292		1.08	<10	50	3.78	1230	15	1.50	61	790	2	0.09	<5	26	453	<20
142293		0.02	<10	<10	0.38	155	3	0.03	<1	1260	4	0.61	<5	<1	20	<20
142294		5.34	<10	<10	0.02	236	1	1.44	10	40	47	3.88	<5	4	40	<20
142295		1.81	20	90	3.20	355	<1	0.48	4	80	4	0.01	<5	4	14	<20
142296		0.03	<10	<10	0.23	271	<1	0.13	<1	540	2	0.04	<5	1	3	<20
142297		0.02	<10	10	6.09	2610	<1	0.12	51	570	<2	1.12	<5	1	5	<20
142298		0.24	<10	10	0.44	209	5	2.46	5	160	6	0.06	<5	4	301	<20
142299		0.01	<10	<10	0.01	30	<1	0.01	1	<10	2	<0.01	<5	<1	2	<20
142300		2.85	10	20	1.61	526	463	1.96	34	950	23	1.31	<5	14	422	<20
142007		0.99	<10	140	1.48	750	1	2.85	9	790	3	1.39	<5	18	660	<20
142008		0.48	10	20	2.06	2500	4	0.41	97	440	15	2.24	<5	16	109	<20
142009		4.95	<10	20	0.02	65	<1	1.95	<1	20	45	0.01	<5	1	20	<20
142010		4.93	<10	10	0.01	31	<1	1.40	<1	20	38	0.01	<5	<1	33	<20
142011		3.40	<10	10	0.27	179	<1	2.08	5	150	12	0.01	<5	3	380	<20
142013		0.15	10	<10	0.55	1095	1	0.11	12	840	2	2.92	<5	2	11	<20
142014		0.63	<10	50	1.52	3950	1	0.79	29	620	6	2.55	<5	9	103	<20
142015		0.02	<10	10	0.16	1705	1	0.02	2	120	2	0.66	<5	1	2	<20
142020		0.75	20	30	0.21	148	1	3.43	3	90	21	0.04	<5	3	126	20
142021		1.12	<10	60	3.98	1760	9	0.74	107	210	13	0.65	<5	44	82	<20
142022		0.73	<10	50	5.84	2160	<1	1.18	97	290	4	0.03	<5	38	43	<20
142023		0.08	<10	40	2.48	121	<1	0.84	72	10	<2	0.01	<5	6	315	<20
142024		0.01	<10	10	0.02	39	<1	0.01	<1	<10	<2	0.01	<5	<1	6	<20
142025		3.01	20	30	1.70	553	483	2.05	35	990	23	1.34	<5	15	438	<20
142030		2.42	<10	10	0.02	40	1	1.22	<1	10	17	<0.01	<5	<1	8	<20
142031		1.37	<10	70	3.68	1170	24	2.22	58	630	<2	0.12	<5	19	628	<20
142032		0.04	<10	10	0.01	39	<1	0.30	1	<10	2	<0.01	<5	<1	2	<20
142033		4.28	<10	30	0.01	109	<1	2.77	1	10	39	<0.01	<5	<1	28	<20
142034		2.72	30	50	2.44	978	<1	3.24	41	1330	10	0.09	<5	15	469	<20
142035		3.79	10	70	0.63	337	1	3.01	15	410	39	<0.01	<5	4	404	<20
142038		2.95	<10	10	0.01	1860	21	3.16	2	30	32	0.16	<5	9	11	<20
142044		0.12	<10	290	5.86	4270	1	0.58	96	290	2	0.03	<5	42	7	<20
142045		0.13	<10	100	7.08	4320	<1	0.61	290	240	4	1.05	<5	33	13	<20
142046		0.87	<10	30	3.81	1320	<1	0.74	92	520	5	0.75	<5	41	95	<20
142047		1.19	10	10	0.11	31	1	0.10	6	340	672	1.75	<5	3	7	<20
142050		0.36	<10	40	4.39	2450	<1	1.77	93	230	<2	0.48	<5	48	70	<20
142058		1.13	10	20	0.64	772	3	0.34	25	430	7	2.77	8	9	59	<20
142059		0.02	<10	10	2.62	308	4	0.06	2360	50	9	>10.0	<5	10	<1	<20
142060		0.10	<10	80	4.93	1915	1	0.38	272	180	5	2.14	<5	54	9	<20
142061		0.26	<10	20	2.56	7120	<1	0.69	51	690	3	1.36	<5	44	73	<20



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Sample Description	Method Analyte Units LOD	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Cu-OG62	Li-OG63	ME-MS85
		Ti	Ti	U	V	W	Zn	Cu	Li	Ta
		% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2	% 0.001	% 0.005	ppm 0.1
142291		0.31	<10	<10	203	470	62			
142292		0.31	<10	<10	140	60	67			
142293		0.01	<10	<10	6	<10	7			
142294		0.01	<10	<10	2	<10	8			
142295		0.07	<10	<10	15	<10	34			
142296		0.01	<10	<10	5	<10	4			
142297		0.03	<10	<10	16	<10	174			
142298		0.18	<10	<10	61	<10	17			
142299		<0.01	<10	<10	1	<10	<2			
142300		0.36	<10	<10	146	<10	105	1.105		
142007		0.36	<10	<10	193	<10	53			
142008		0.22	<10	<10	93	<10	1270			
142009		0.01	<10	<10	1	<10	8			
142010		0.01	<10	<10	1	<10	<2			
142011		0.05	<10	<10	14	<10	12			
142013		0.04	<10	<10	17	<10	34			
142014		0.38	<10	<10	77	<10	102			
142015		0.01	<10	<10	6	70	11			
142020		0.07	<10	<10	5	<10	19			
142021		0.50	<10	<10	288	<10	91			
142022		0.63	<10	<10	332	<10	120			
142023		0.44	<10	<10	100	<10	59			
142024		<0.01	<10	<10	1	<10	2			
142025		0.38	<10	<10	155	<10	108	1.095		
142030		0.01	<10	<10	1	<10	4			
142031		0.27	<10	<10	146	<10	77			
142032		<0.01	<10	<10	<1	<10	<2			
142033		0.01	<10	30	1	<10	8			
142034		0.35	<10	<10	115	<10	79			
142035		0.11	<10	10	31	<10	31			
142038		0.03	<10	<10	7	<10	46			
142044		0.45	<10	<10	228	<10	147			
142045		0.37	<10	<10	211	<10	129			
142046		0.81	<10	<10	325	<10	109			
142047		0.06	<10	<10	14	<10	758			
142050		0.42	<10	<10	313	<10	124			
142058		0.12	<10	<10	43	<10	51			
142059		0.03	<10	<10	46	<10	81			
142060		0.11	<10	<10	206	<10	1070			
142061		1.17	<10	<10	394	<10	149			



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Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
142062		0.66	0.018	<0.5	7.97	1790	60	0.8	2	7.98	<0.5	53	258	114	8.60	20
142063		0.62	0.005	<0.5	5.30	5	80	2.1	4	7.09	<0.5	7	192	103	16.45	20
142069		0.81	0.003	<0.5	7.98	<5	1050	2.4	2	2.81	<0.5	10	50	8	2.81	20
142070		0.73	0.015	1.4	8.01	5	520	0.8	2	3.24	<0.5	91	37	532	7.06	20
142071		0.52	0.002	<0.5	8.20	<5	570	0.7	<2	5.27	<0.5	17	70	5	4.66	20
142072		0.38	0.002	<0.5	4.54	<5	280	0.5	3	7.97	<0.5	52	245	33	8.64	10
142073		0.85	0.009	<0.5	5.12	17	10	<0.5	<2	4.29	<0.5	12	70	157	26.0	20
142074		0.86	0.004	<0.5	2.52	63	10	<0.5	<2	0.03	1.3	21	15	2	5.50	10
142075		0.88	0.003	<0.5	6.06	<5	100	0.5	2	4.89	<0.5	17	54	79	17.10	20
142077		0.61	0.003	<0.5	6.84	<5	10	2.3	<2	0.64	<0.5	<1	6	2	0.55	20
142078		0.87	0.062	<0.5	7.21	<5	20	154.0	9	0.10	<0.5	<1	8	1	0.26	70
142079		0.61	0.006	<0.5	7.57	<5	<10	22.0	9	0.09	<0.5	<1	7	1	0.27	60
142080		0.55	0.030	<0.5	7.39	5	<10	14.0	9	0.04	<0.5	<1	8	1	0.31	60
142081		0.72	0.008	<0.5	7.19	<5	<10	211	<2	0.07	<0.5	<1	13	1	0.43	80
142082		0.55	0.013	<0.5	7.84	<5	10	34.4	2	0.07	<0.5	<1	11	2	0.28	90
142083		1.04	0.001	<0.5	6.94	18	40	17.2	<2	0.06	<0.5	<1	16	2	0.64	90
142084		1.51	0.001	<0.5	8.05	8	10	5.5	<2	0.03	<0.5	<1	13	1	0.51	90
142085		1.25	<0.001	<0.5	8.55	13	20	6.4	<2	0.46	<0.5	<1	9	3	0.66	100
142086		0.37	0.001	<0.5	8.89	<5	60	27.1	<2	0.32	<0.5	<1	7	1	0.35	90
142087		1.69	0.008	<0.5	8.39	15	20	28.4	<2	0.10	<0.5	<1	7	1	0.31	70
142088		1.17	0.001	<0.5	8.67	7	10	717	<2	0.11	<0.5	<1	8	1	0.23	80
142089		0.61	0.022	<0.5	7.60	17	10	263	<2	0.06	<0.5	<1	14	2	0.59	80
142090		0.60	<0.001	<0.5	6.84	9	20	4.2	<2	0.06	<0.5	<1	9	1	0.63	80
142091		1.19	0.001	<0.5	6.31	8	10	251	<2	0.15	<0.5	<1	9	1	0.58	60
142092		1.13	<0.001	<0.5	8.14	12	10	55.2	2	0.08	<0.5	<1	11	1	0.31	80
142093		0.79	<0.001	<0.5	7.48	10	10	296	<2	0.23	<0.5	<1	7	1	0.59	80
142094		0.42	0.001	<0.5	4.92	<5	<10	15.7	5	0.45	<0.5	<1	6	1	0.31	30
142095		0.97	0.001	<0.5	6.25	<5	<10	4.5	<2	0.62	<0.5	<1	8	1	0.43	20
142096		0.40	0.004	<0.5	0.04	<5	<10	<0.5	<2	0.01	<0.5	<1	17	1	0.26	<10
142097		<0.02	0.090	<0.5	7.70	13	60	147.5	3	0.20	1.6	<1	22	35	0.81	20
142104		1.04	0.005	<0.5	2.41	6	<10	<0.5	3	4.72	<0.5	81	2070	79	5.70	<10
142109		0.58	0.004	<0.5	3.67	<5	40	0.9	<2	3.00	<0.5	15	80	131	6.25	10
142110		0.36	0.599	15.0	4.57	56	10	1.1	166	6.53	4.5	65	3420	>10000	11.90	10
142111		0.62	0.007	0.8	3.22	7	10	<0.5	6	7.37	<0.5	41	185	1020	14.75	10
142112		1.01	0.007	<0.5	5.80	41	10	<0.5	<2	7.71	<0.5	14	224	261	18.55	10
142116		0.78	0.004	<0.5	8.39	<5	180	0.7	2	6.16	<0.5	54	207	206	5.95	20
142117		0.38	0.001	<0.5	0.33	<5	<10	<0.5	<2	0.07	<0.5	2	11	12	0.90	<10
142118		0.85	0.011	<0.5	5.82	291	30	<0.5	4	6.87	<0.5	60	524	244	16.35	10
142119		0.87	0.004	<0.5	6.49	5	90	1.9	<2	7.83	<0.5	47	284	182	12.15	20
142120		1.48	0.008	<0.5	6.09	<5	20	<0.5	<2	7.42	<0.5	32	242	248	16.40	20



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		K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		0.01	10	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1
142062		0.19	<10	20	3.34	2180	<1	1.72	191	250	<2	0.61	<5	40	118
142063		0.51	10	50	3.10	9340	1	0.68	19	1130	5	0.57	<5	25	117
142069		2.17	30	40	1.26	565	1	3.28	18	1100	25	0.01	<5	13	828
142070		2.66	10	30	1.57	926	1	1.33	42	630	11	2.16	<5	11	308
142071		1.74	10	60	1.45	775	20	1.61	30	520	5	0.02	<5	11	675
142072		0.66	<10	20	7.77	1675	<1	0.95	76	390	<2	0.28	<5	53	210
142073		0.06	<10	70	3.66	11450	<1	0.27	24	250	4	0.08	<5	31	20
142074		0.04	10	<10	0.02	65	2	0.05	70	130	3	4.63	<5	2	17
142075		0.28	<10	60	2.95	7450	<1	1.18	30	330	<2	0.70	<5	40	73
142077		1.36	<10	10	0.07	96	<1	4.40	1	10	17	0.01	<5	<1	19
142078		2.47	<10	7880	0.01	1190	<1	2.85	1	160	18	0.01	<5	8	23
142079		4.51	<10	>10000	0.01	605	<1	1.14	1	410	18	<0.01	<5	9	31
142080		4.20	<10	>10000	0.01	553	<1	1.06	<1	180	17	<0.01	<5	12	29
142081		0.24	<10	>10000	0.01	1110	<1	0.99	2	50	2	<0.01	<5	38	<1
142082		0.16	<10	>10000	0.01	1240	<1	0.60	<1	20	2	<0.01	<5	33	2
142083		0.56	<10	>10000	0.02	748	<1	0.67	<1	140	<2	<0.01	<5	1	1
142084		2.09	<10	>10000	0.01	744	<1	0.64	<1	250	3	<0.01	7	2	18
142085		1.64	<10	>10000	0.02	1535	<1	1.43	1	2640	3	<0.01	<5	1	19
142086		0.94	<10	>10000	0.03	834	<1	3.12	<1	1380	<2	<0.01	<5	1	21
142087		4.33	<10	8900	0.01	455	<1	1.89	2	1150	12	<0.01	<5	<1	83
142088		1.22	<10	>10000	<0.01	569	<1	4.70	1	760	<2	<0.01	<5	<1	15
142089		1.23	<10	>10000	0.03	641	<1	0.58	2	240	<2	0.01	13	1	9
142090		0.29	<10	>10000	0.02	685	<1	0.26	2	10	<2	<0.01	6	1	5
142091		0.75	<10	6470	0.03	674	<1	2.46	2	890	<2	<0.01	<5	<1	11
142092		0.72	<10	>10000	0.02	425	<1	3.58	1	580	<2	<0.01	5	<1	8
142093		1.29	<10	5990	0.08	912	<1	2.79	3	1000	<2	<0.01	6	<1	18
142094		0.37	<10	20	0.01	1215	<1	3.42	<1	10	20	<0.01	<5	6	20
142095		0.25	<10	30	0.04	92	<1	4.49	<1	10	23	<0.01	<5	2	10
142096		0.01	<10	20	<0.01	30	<1	0.02	1	<10	<2	<0.01	<5	<1	3
142097		2.07	<10	6890	0.04	780	3	2.70	10	1390	16	0.04	<5	<1	31
142104		0.01	<10	10	16.10	1150	<1	0.02	1380	10	<2	0.19	<5	18	4
142109		0.86	10	20	1.83	1715	<1	0.22	33	120	3	0.12	<5	12	21
142110		0.09	<10	140	6.49	2030	1	0.49	516	30	<2	1.99	<5	40	2
142111		0.06	<10	60	6.89	1780	<1	0.33	109	510	<2	2.54	<5	14	10
142112		0.21	<10	30	2.74	8470	<1	0.48	17	180	<2	0.55	<5	30	21
142116		0.80	<10	20	3.43	765	<1	2.35	109	620	<2	0.90	<5	31	388
142117		0.02	10	10	0.32	76	<1	0.05	3	30	3	0.02	<5	<1	7
142118		0.22	<10	180	3.23	7960	<1	0.59	320	180	3	0.74	<5	32	22
142119		0.67	<10	400	4.59	3400	<1	1.03	124	260	<2	0.12	<5	39	77
142120		0.33	<10	210	4.12	6140	<1	0.79	90	230	3	0.65	<5	35	28



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Sample Description	Method Analyte Units LOD	ME-ICP61 Ti %	ME-ICP61 Ti ppm	ME-ICP61 U ppm	ME-ICP61 V ppm	ME-ICP61 W ppm	ME-ICP61 Zn ppm	Cu-OG62 Cu %	Li-OG63 Li %	ME-MS85 Ta ppm
		0.01	10	10	1	10	2	0.001	0.005	0.1
142062		0.46	<10	<10	251	<10	285			
142063		1.04	<10	<10	180	60	169			
142069		0.28	<10	<10	96	<10	36			
142070		0.37	<10	<10	91	<10	139			
142071		0.20	<10	<10	100	<10	63			
142072		0.53	<10	<10	418	<10	101			
142073		0.53	<10	<10	243	<10	106			
142074		0.05	<10	<10	26	<10	3480			
142075		0.62	<10	<10	288	<10	100			
142077		0.01	10	10	2	<10	8			0.2
142078		<0.01	10	<10	1	<10	17			132.0
142079		<0.01	20	<10	<1	<10	8		1.050	24.5
142080		<0.01	20	<10	<1	<10	6		1.050	14.1
142081		<0.01	<10	<10	<1	<10	26		1.690	76.4
142082		<0.01	<10	<10	<1	<10	27		2.190	68.6
142083		0.01	10	<10	<1	<10	27		1.695	46.9
142084		<0.01	10	<10	<1	<10	39		1.930	25.6
142085		0.01	10	<10	1	10	147		1.885	462
142086		<0.01	10	<10	1	<10	49		1.225	110.5
142087		<0.01	70	<10	1	<10	10			23.6
142088		<0.01	10	<10	<1	<10	21		1.140	152.5
142089		0.01	10	<10	2	<10	30		1.755	108.5
142090		0.01	<10	<10	<1	<10	75		1.790	9.8
142091		0.01	10	<10	<1	10	183			212
142092		<0.01	<10	<10	<1	<10	29		1.065	222
142093		0.01	10	<10	<1	10	92			159.0
142094		0.01	<10	10	1	<10	24			92.2
142095		0.01	<10	<10	<1	<10	14			1.2
142096		<0.01	<10	<10	<1	<10	<2			0.3
142097		0.02	<10	<10	4	<10	98			45.8
142104		0.06	<10	<10	90	<10	74			
142109		0.22	<10	<10	137	<10	63			
142110		0.22	<10	<10	196	<10	534	1.880		
142111		0.15	<10	<10	86	<10	67			
142112		0.34	<10	<10	180	<10	62			
142116		0.49	<10	<10	172	<10	41			
142117		0.01	<10	<10	7	<10	10			
142118		0.44	<10	<10	222	<10	107			
142119		0.56	<10	<10	268	<10	82			
142120		0.47	<10	<10	233	<10	91			



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CERTIFICATE OF ANALYSIS VO19181593

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
142121		0.90	0.013	0.5	6.23	34	50	1.2	3	5.71	0.9	41	558	273	17.65	20
142122		0.71	0.020	1.4	2.88	<5	70	<0.5	9	1.83	<0.5	134	63	251	36.1	10
142123		0.96	0.006	1.3	1.41	22	20	<0.5	3	0.30	<0.5	28	11	447	40.9	<10
142124		0.63	0.011	<0.5	8.09	5	260	<0.5	3	6.80	2.3	54	305	170	6.95	20
142125		0.74	0.008	1.4	3.70	13	90	1.0	4	2.80	<0.5	11	11	386	14.75	10
143476		<0.02	1.585	3.0	6.69	11	710	1.6	7	2.72	<0.5	19	72	>10000	7.03	20
143477		0.40	0.002	<0.5	0.07	<5	<10	<0.5	<2	0.02	<0.5	<1	35	27	1.55	<10
142126		1.75	0.001	<0.5	7.35	14	<10	150.5	<2	0.08	<0.5	<1	23	2	0.44	80
142127		0.97	<0.001	<0.5	5.13	10	<10	2.7	<2	0.03	<0.5	<1	30	4	0.72	60
142128		1.14	<0.001	<0.5	7.22	15	10	64.9	<2	0.10	<0.5	<1	23	2	0.34	60
142129		1.43	<0.001	<0.5	6.42	13	10	93.9	<2	0.04	<0.5	<1	17	2	0.39	60
142130		0.83	<0.001	<0.5	6.91	14	10	83.1	<2	0.16	<0.5	<1	10	1	0.29	60
142131		0.32	<0.001	<0.5	7.97	<5	40	40.3	<2	0.08	<0.5	<1	8	3	0.25	50
142132		0.95	<0.001	<0.5	7.50	<5	30	2.4	<2	0.10	<0.5	1	10	1	0.19	30
142133		1.54	<0.001	<0.5	8.47	<5	50	20.2	<2	0.58	<0.5	<1	8	1	0.20	50
142134		0.97	<0.001	<0.5	6.27	<5	10	1.7	<2	0.47	<0.5	1	11	1	0.23	20
142135		0.40	<0.001	<0.5	0.04	<5	<10	<0.5	<2	0.01	<0.5	1	36	1	0.43	<10
142136		<0.02	0.080	<0.5	7.32	13	60	142.5	<2	0.19	1.3	1	21	35	0.79	20



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CERTIFICATE OF ANALYSIS VO19181593

Sample Description	Method Analyte Units LOD	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Li ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm
		0.01	10	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20
142121		0.32	<10	550	4.11	7580	<1	0.55	155	230	<2	0.48	<5	35	52	<20
142122		0.28	<10	60	0.59	639	1	0.66	349	310	3	>10.0	<5	9	31	<20
142123		0.09	<10	50	0.22	414	1	0.49	128	60	3	>10.0	<5	2	19	<20
142124		0.68	<10	160	2.14	1865	<1	1.70	146	210	56	1.52	<5	35	161	<20
142125		0.51	<10	220	1.73	1255	2	0.43	20	300	2	4.48	<5	3	58	<20
143476		2.85	20	30	1.61	535	456	1.94	35	950	21	1.29	<5	14	412	<20
143477		0.01	<10	10	0.02	55	1	0.02	6	<10	<2	0.86	<5	<1	2	<20
142126		0.50	<10	>10000	0.01	562	<1	3.36	1	490	2	0.01	<5	1	3	<20
142127		0.08	<10	>10000	0.01	609	<1	0.38	<1	60	<2	0.03	6	<1	<1	<20
142128		0.67	<10	7280	0.05	505	<1	4.33	1	780	<2	0.03	6	<1	6	<20
142129		0.38	<10	7870	0.01	724	<1	3.50	1	300	4	<0.01	10	<1	8	<20
142130		1.24	<10	4340	0.01	619	<1	4.60	1	1130	5	<0.01	12	<1	42	<20
142131		4.52	<10	2160	0.02	277	<1	2.40	1	660	11	0.01	<5	<1	82	<20
142132		4.74	<10	10	0.01	260	<1	2.08	<1	30	61	<0.01	<5	<1	29	<20
142133		4.26	<10	10	<0.01	99	1	5.55	<1	30	53	<0.01	<5	3	54	<20
142134		3.46	<10	30	0.02	117	<1	3.13	<1	10	41	<0.01	<5	<1	17	<20
142135		0.01	<10	10	<0.01	48	<1	0.01	1	10	<2	<0.01	<5	<1	1	<20
142136		2.06	<10	6670	0.04	738	3	2.71	10	1400	17	0.04	<5	<1	34	<20



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Sample Description	Method Analyte Units LOD	ME-ICP61 Ti %	ME-ICP61 Ti ppm	ME-ICP61 U ppm	ME-ICP61 V ppm	ME-ICP61 W ppm	ME-ICP61 Zn ppm	Cu-OG62 Cu %	Li-OG63 Li %	ME-MS85 Ta ppm
		0.01	10	10	1	10	2	0.001	0.005	0.1
142121		0.50	<10	<10	239	<10	95			
142122		0.27	<10	<10	68	<10	136			
142123		0.05	<10	<10	15	<10	17			
142124		0.43	<10	<10	242	<10	1180			
142125		0.11	<10	<10	39	<10	101			
143476		0.36	<10	<10	147	<10	103	1.105		
143477		<0.01	<10	<10	1	<10	<2			
142126		0.01	<10	<10	1	<10	42		1.130	172.0
142127		<0.01	<10	<10	<1	<10	17		1.265	15.4
142128		<0.01	10	<10	<1	<10	47			94.7
142129		<0.01	<10	<10	<1	<10	33			163.5
142130		<0.01	20	<10	<1	<10	41			284
142131		<0.01	50	<10	1	<10	16			49.2
142132		<0.01	10	<10	<1	<10	<2			2.5
142133		0.01	<10	10	<1	<10	5			61.5
142134		<0.01	<10	<10	<1	<10	2			1.3
142135		<0.01	<10	<10	<1	<10	<2			0.1
142136		0.02	<10	10	4	<10	96			44.9



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CERTIFICATE OF ANALYSIS VO19181593

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Val d'Or located at 1324 Rue Turcotte, Val d'Or, QC, Canada.			
	CRU-31	CRU-QC	LOG-22	LOG-24
	PUL-31	PUL-QC	SPL-21	WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-ICP21	Cu-OG62	Li-OG63	ME-ICP61
	ME-MS85	ME-OG62	ME-OG62o	



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VO19186890

Project: FCI
P.O. No.: O3-FCI-00002
This report is for 50 Rock samples submitted to our lab in Val d'Or, QC, Canada on 30-JUL-2019.

The following have access to data associated with this certificate:

NEIL MCCALLUM

CORPORATIF WEBTRIEVE O3 MINING

DARREN SMITH

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

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

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

Comments: ***Corrected copy with PO# OSK-FCI-00003 corrected to O3-FCI-00002***

Signature:

Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS VO19186890

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
143051		0.44	0.095	0.5	3.92	139	20	<0.5	2	7.40	0.5	53	343	1010	14.60	10
143052		0.86	0.007	<0.5	6.96	475	220	0.5	<2	1.63	0.5	60	49	307	7.02	10
143053		0.76	0.007	<0.5	7.06	212	100	<0.5	<2	5.06	<0.5	42	183	218	9.73	10
143054		0.61	<0.001	<0.5	0.90	<5	60	0.6	<2	0.96	<0.5	5	14	46	11.80	<10
143055		0.48	0.029	<0.5	7.03	<5	80	<0.5	<2	6.86	1.5	69	224	652	11.40	20
143056		1.07	0.009	<0.5	6.82	2230	110	11.1	4	6.45	0.9	79	125	274	10.40	30
143057		0.74	0.002	<0.5	0.30	9	10	<0.5	<2	2.29	0.5	4	3	30	23.6	<10
143058		0.80	0.011	<0.5	4.28	2690	40	<0.5	<2	5.98	<0.5	120	1465	518	10.30	10
143059		0.64	0.004	<0.5	5.02	12	100	<0.5	<2	2.52	<0.5	37	34	195	11.20	10
143060		1.13	0.001	<0.5	1.21	<5	10	7.4	6	2.06	<0.5	5	17	62	24.3	20
143061		1.37	0.003	1.9	8.45	8	150	1.8	11	5.82	0.8	63	118	2320	9.96	20
143062		0.66	0.034	<0.5	4.86	335	10	<0.5	3	3.40	0.5	109	962	379	16.10	20
143063		1.11	0.054	43.0	7.70	7	120	<0.5	17	5.94	9.3	98	173	>10000	11.20	20
143064		0.69	0.639	52.3	5.27	<5	110	<0.5	73	4.50	9.1	84	136	>10000	18.55	10
143065		0.85	0.025	2.8	6.39	<5	60	1.2	10	7.08	0.6	32	49	2170	13.55	20
143066		0.65	0.009	4.4	5.59	<5	190	0.5	2	6.42	0.5	15	123	2340	10.95	20
143067		0.35	0.020	<0.5	8.13	<5	150	1.1	<2	5.81	<0.5	42	263	348	8.38	20
143068		0.64	0.005	<0.5	6.12	9	120	0.7	2	7.06	<0.5	24	83	170	12.55	10
143069		0.64	0.014	1.0	7.41	6	130	0.7	5	4.28	0.7	42	191	1120	11.05	20
143070		0.87	0.003	<0.5	8.41	<5	240	1.0	<2	3.55	<0.5	45	269	240	8.13	20
143071		0.71	0.010	1.1	6.31	<5	50	0.5	<2	5.86	0.5	56	13	1630	12.25	20
143072		0.56	0.006	2.5	6.70	<5	160	0.5	3	1.49	<0.5	212	88	484	15.55	10
143073		0.96	0.005	1.5	6.66	16	30	0.8	4	6.05	1.1	14	80	1400	11.70	20
143074		0.40	<0.001	<0.5	0.04	118	<10	<0.5	<2	0.02	<0.5	1	19	12	0.40	<10
143075		<0.02	1.560	2.8	6.73	9	730	1.6	8	2.74	<0.5	20	74	>10000	7.28	20
142926		2.41	0.016	<0.5	3.73	>10000	20	1.1	<2	1.91	0.9	313	478	244	18.40	10
142927		0.87	0.257	<0.5	1.92	5	10	1.3	35	4.23	<0.5	41	160	607	17.70	10
142928		0.64	<0.001	<0.5	4.79	75	150	<0.5	<2	4.40	<0.5	24	138	174	5.67	10
142929		0.78	0.033	0.8	0.42	68	20	<0.5	2	1.54	<0.5	6	14	73	9.90	<10
142930		1.15	0.024	<0.5	0.19	19	10	<0.5	<2	0.80	<0.5	13	27	195	5.59	<10
142931		1.14	0.002	<0.5	6.83	276	30	<0.5	2	10.60	<0.5	40	297	210	6.65	20
142932		1.28	0.015	<0.5	6.49	10	70	<0.5	2	6.64	<0.5	52	33	358	16.70	20
142933		1.29	0.003	<0.5	0.45	13	<10	<0.5	2	1.37	<0.5	8	11	35	10.90	<10
142934		1.01	<0.001	<0.5	6.22	25	160	0.6	2	4.56	<0.5	18	118	162	5.67	10
142935		0.90	0.007	<0.5	0.63	<5	30	1.1	<2	3.14	0.7	11	11	65	21.8	<10
142936		1.42	0.001	<0.5	0.94	<5	20	0.6	<2	6.40	0.9	25	10	273	13.70	<10
142937		1.06	0.002	<0.5	6.94	191	120	0.8	<2	3.43	<0.5	36	68	148	6.52	10
142938		1.04	0.003	1.1	6.98	5	220	1.7	6	5.30	0.8	107	85	702	9.92	20
142939		0.99	0.003	3.5	6.70	<5	130	0.9	6	4.20	1.5	104	130	2970	13.00	20
142940		1.12	0.242	0.5	5.53	13	10	<0.5	<2	4.56	<0.5	55	149	601	22.5	10

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Sample Description	Method Analyte Units LOD	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		% 0.01	ppm 10	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 5	ppm 1	ppm 1
143051		0.08	<10	10	5.08	2190	1	0.34	256	130	3	4.06	<5	28	39
143052		0.92	10	10	1.41	398	2	0.73	95	610	14	3.98	<5	13	147
143053		0.44	<10	20	3.14	1735	1	0.95	64	300	<2	0.39	<5	46	78
143054		0.36	<10	10	0.74	443	<1	0.08	25	780	<2	6.43	<5	1	46
143055		0.37	<10	10	3.95	2070	<1	1.27	63	200	<2	1.56	<5	48	81
143056		0.42	10	40	3.46	2710	<1	0.90	82	690	4	0.96	<5	40	87
143057		0.04	<10	<10	3.56	2220	<1	0.05	7	420	<2	0.40	10	1	13
143058		0.27	20	20	4.44	1750	1	0.70	968	470	2	1.49	<5	27	34
143059		0.89	10	190	1.26	459	1	0.24	133	190	3	6.05	<5	4	76
143060		0.17	<10	20	0.46	370	7	0.16	17	1330	5	0.51	<5	2	20
143061		0.88	<10	10	1.74	1345	6	1.90	61	530	9	1.63	<5	53	151
143062		0.11	10	30	3.25	2720	1	0.41	619	110	<2	0.75	<5	37	8
143063		0.58	<10	30	6.25	2120	1	0.29	53	370	7	2.44	<5	33	29
143064		0.52	<10	10	4.67	1650	3	0.28	54	450	3	4.62	<5	28	53
143065		0.81	10	10	2.85	3350	1	0.53	27	1020	12	0.41	<5	32	63
143066		0.82	10	10	5.02	1915	2	0.54	36	330	2	0.66	<5	16	55
143067		2.63	<10	40	4.48	1550	1	0.45	110	360	<2	0.05	<5	43	62
143068		0.40	<10	<10	2.41	5400	1	0.91	38	310	5	1.31	<5	23	82
143069		1.39	10	30	3.73	2210	1	0.90	83	590	5	0.86	<5	32	81
143070		2.01	<10	60	4.41	2510	<1	1.22	144	220	14	0.25	<5	39	110
143071		0.58	<10	10	2.36	1890	<1	1.41	53	1210	5	1.18	5	40	88
143072		0.79	<10	30	1.49	649	1	1.10	165	90	33	>10.0	<5	26	93
143073		0.42	<10	10	3.07	2160	1	1.29	12	780	17	0.69	7	40	71
143074		0.01	<10	10	0.02	39	<1	0.01	3	10	2	0.03	<5	<1	2
143075		2.92	10	30	1.63	550	472	1.98	32	950	24	1.30	<5	14	420
142926		0.04	<10	40	4.16	761	2	0.32	397	200	8	1.70	<5	14	109
142927		0.07	<10	10	3.11	1790	51	0.29	96	510	<2	0.50	<5	12	1
142928		0.42	<10	20	2.96	1025	1	0.53	28	120	<2	0.25	<5	35	81
142929		0.06	<10	<10	0.41	2960	2	0.04	27	40	2	4.60	7	2	17
142930		0.02	<10	<10	0.99	626	1	0.02	45	320	<2	3.07	<5	1	5
142931		0.14	<10	30	2.49	1375	<1	0.64	101	170	<2	0.29	<5	40	84
142932		0.64	<10	20	3.00	2280	1	0.65	50	380	<2	2.60	11	43	39
142933		0.03	<10	<10	1.13	419	1	0.06	23	1190	<2	2.26	<5	1	12
142934		0.58	<10	80	3.68	1260	1	1.30	36	370	13	0.32	<5	35	117
142935		0.09	<10	10	2.85	1810	<1	0.09	20	940	<2	1.51	<5	1	27
142936		0.03	<10	10	2.62	2060	<1	0.06	92	610	<2	3.49	<5	2	61
142937		0.26	<10	40	4.29	988	1	0.81	69	250	4	0.67	<5	41	79
142938		1.11	<10	20	2.17	1975	34	0.79	251	460	8	1.05	<5	44	88
142939		1.06	<10	20	3.11	4900	2	0.70	455	510	5	1.98	<5	41	57
142940		0.09	<10	10	2.86	12850	1	0.35	133	250	3	2.38	<5	27	13

Comments: ***Corrected copy with PO# OSK-FCI-00003 corrected to O3-FCI-00002***

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To: O3 MINING INC.
155 UNIVERSITY AVENUE
SUITE 1440
TORONTO ON M5H 3B7

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Finalized Date: 11-AUG-2019
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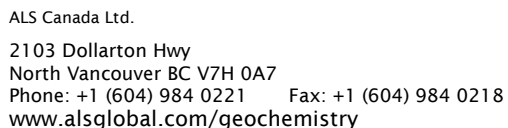
Project: FCI

CERTIFICATE OF ANALYSIS VO19186890

Sample Description	Method Analyte Units LOD	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Cu-OG62
		Ti	Ti	U	V	W	Zn	Cu
		% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2	% 0.001
143051		0.25	<10	<10	149	<10	78	
143052		0.31	<10	<10	75	<10	315	
143053		0.60	<10	<10	314	<10	86	
143054		0.02	<10	<10	9	<10	44	
143055		0.38	<10	<10	264	<10	772	
143056		0.99	<10	<10	338	<10	297	
143057		0.01	<10	<10	10	<10	359	
143058		0.83	<10	<10	215	<10	184	
143059		0.14	<10	<10	29	<10	36	
143060		0.03	<10	<10	102	240	27	
143061		0.86	<10	<10	421	<10	155	
143062		0.79	<10	<10	272	<10	178	
143063		0.51	<10	<10	268	<10	668	2.24
143064		0.29	<10	<10	273	10	266	3.63
143065		1.08	<10	<10	338	30	123	
143066		0.30	<10	<10	125	<10	205	
143067		0.59	<10	<10	310	<10	92	
143068		0.28	<10	<10	128	<10	104	
143069		0.67	<10	<10	257	<10	143	
143070		0.42	<10	<10	268	<10	79	
143071		1.21	<10	<10	404	<10	150	
143072		0.34	<10	<10	246	<10	54	
143073		1.21	<10	<10	406	<10	505	
143074		<0.01	<10	<10	1	<10	<2	
143075		0.37	<10	<10	153	<10	109	1.070
142926		0.13	<10	<10	55	<10	910	
142927		0.10	<10	<10	64	50	81	
142928		0.33	<10	<10	188	<10	40	
142929		0.01	<10	<10	10	<10	14	
142930		0.01	<10	<10	7	<10	130	
142931		0.38	<10	<10	222	<10	58	
142932		0.68	<10	<10	359	110	131	
142933		0.02	<10	<10	10	<10	87	
142934		0.30	<10	<10	183	<10	140	
142935		0.02	<10	<10	10	<10	116	
142936		0.03	<10	<10	13	<10	343	
142937		0.33	<10	<10	195	<10	102	
142938		0.74	<10	<10	348	<10	464	
142939		0.72	<10	<10	325	20	461	
142940		0.55	<10	<10	211	<10	81	

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Account: OSIFCIDH

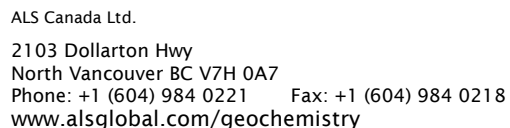
Project: FCI

CERTIFICATE OF ANALYSIS VO19186890

Sample Description	Method Analyte Units LOD	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		% 0.01	ppm 10	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 5	ppm 1	ppm 1
142941		0.85	<10	40	2.98	1680	1	0.53	110	190	16	1.45	<5	53	29
142942		0.16	<10	10	0.65	283	<1	0.20	11	40	36	0.05	<5	7	18
142943		0.16	<10	30	3.04	9220	2	0.47	35	140	<2	1.28	<5	32	26
142944		0.29	<10	20	7.25	3080	<1	0.41	133	500	4	1.25	<5	22	43
142945		1.10	10	40	4.35	810	1	0.20	60	890	2	0.14	<5	20	24
142946		1.87	<10	40	4.05	2500	1	0.71	95	400	9	0.52	<5	44	64
142947		0.66	10	20	3.47	1480	2	0.82	109	300	2	4.82	<5	33	46
142948		0.68	10	10	4.74	1790	5	0.67	39	180	9	2.59	<5	34	31
142949		0.01	<10	10	0.02	40	<1	0.01	<1	<10	4	0.03	<5	<1	1
142950		2.85	10	30	1.60	531	465	1.94	35	930	27	1.26	<5	14	412

Comments: ***Corrected copy with PO# OSK-FCI-00003 corrected to O3-FCI-00002***

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



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CERTIFICATE OF ANALYSIS VO19186890

Comments: ***Corrected copy with PO# OSK-FCI-00003 corrected to O3-FCI-00002***

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155 UNIVERSITY AVENUE
SUITE 1440
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Account: OSIFCIDH

Project: FCI

CERTIFICATE OF ANALYSIS VO19186890

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Val d'Or located at 1324 Rue Turcotte, Val d'Or, QC, Canada.			
	CRU-31	CRU-QC	LOG-22	LOG-24
	PUL-31	PUL-QC	SPL-21	WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-ICP21	Cu-OG62	ME-ICP61	ME-OG62



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Total # Pages: 2 (A)
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Finalized Date: 5-AUG-2019
This copy reported on 7-JAN-2020
Account: OSIFCIDH

VO19187724

Project: FCI
P.O. No.: O3-FCI-00002
This report is for 2 Rock samples submitted to our lab in Val d'Or, QC, Canada on 31-JUL-2019.

The following have access to data associated with this certificate:

NEIL MCCALLUM

CORPORATIF WEBTRIEVE O3 MINING

DARREN SMITH

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02a	Find Sample at Branch Lab

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS85	Lithium Borate Fusion - Select Elements	ICP-MS

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

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

Comments: ***Corrected copy with PO# OSK-FCI-00003 corrected to O3-FCI-00002***

Signature:

Saa Traxler, General Manager, North Vancouver



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Total # Pages: 2 (A)
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Finalized Date: 5-AUG-2019
Account: OSIFCIDH

Project: FCI

CERTIFICATE OF ANALYSIS VO19187724

Sample Description	Method Analyte Units LOD	ME-MS85 Ta ppm 0.1
142151 142201		45.4 96.2

Comments: ***Corrected copy with PO# OSK-FCI-00003 corrected to O3-FCI-00002***

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Total # Appendix Pages: 1
Finalized Date: 5-AUG-2019
Account: OSIFCIDH

Project: FCI

CERTIFICATE OF ANALYSIS VO19187724

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
FND-02a ME-MS85



ALS Canada Ltd.
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Total # Pages: 4 (A - C)
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Finalized Date: 24-AUG-2019
This copy reported on 7-JAN-2020
Account: OSIFCIDH

VO19187936

Project: FCI
P.O. No.: O3-FCI-00002
This report is for 102 Rock samples submitted to our lab in Val d'Or, QC, Canada on 30-JUL-2019.

The following have access to data associated with this certificate:

NEIL MCCALLUM

CORPORATIF WEBTRIEVE O3 MINING

DARREN SMITH

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
Ag-OG62	Ore Grade Ag - Four Acid	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

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

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

Signature:

Saa Traxler, General Manager, North Vancouver



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Finalized Date: 24-AUG-2019
Account: OSIFCIDH

Project: FCI

CERTIFICATE OF ANALYSIS VO19187936

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
142976		1.20	0.003	0.5	6.82	5	40	<0.5	<2	2.00	1.6	11	68	125	14.45	20
142977		0.86	<0.001	<0.5	7.44	<5	60	0.6	<2	0.81	<0.5	18	16	73	10.50	20
142978		0.77	<0.001	<0.5	3.67	<5	20	<0.5	<2	4.84	<0.5	32	529	7	5.34	10
142979		0.90	0.064	<0.5	5.36	5	220	0.5	<2	4.85	<0.5	25	127	81	5.43	10
142980		0.84	0.036	<0.5	6.71	10	70	9.6	4	7.31	<0.5	26	73	69	10.60	20
142981		0.95	0.034	<0.5	0.35	6	10	<0.5	<2	0.30	<0.5	7	32	180	1.81	<10
142982		1.69	0.118	2.2	0.46	6	<10	<0.5	19	0.11	0.6	21	23	1660	4.13	<10
142983		0.71	0.033	<0.5	4.21	5	250	0.8	<2	4.38	<0.5	25	113	156	6.00	10
142984		0.82	<0.001	<0.5	0.04	<5	<10	<0.5	<2	0.02	<0.5	<1	15	5	0.31	<10
142985		1.17	1.865	1.7	7.46	36	530	5.2	<2	5.83	0.5	40	200	348	7.77	20
142986		0.78	0.009	<0.5	7.66	15	530	1.2	<2	1.02	<0.5	5	5	38	2.73	20
142987		1.09	0.004	<0.5	4.44	<5	90	1.1	<2	6.71	<0.5	25	236	163	5.22	10
142988		0.98	<0.001	<0.5	7.54	<5	20	<0.5	3	9.95	<0.5	45	292	12	7.90	20
142989		1.12	0.007	<0.5	6.45	<5	30	<0.5	<2	7.08	<0.5	63	942	111	9.24	20
142990		0.87	0.009	<0.5	7.39	<5	50	<0.5	<2	5.58	0.6	37	128	93	7.34	10
142991		0.59	<0.001	<0.5	7.66	<5	30	<0.5	<2	9.93	0.6	40	194	41	8.21	20
142992		0.68	0.002	<0.5	5.80	<5	170	0.9	<2	2.68	<0.5	7	8	9	4.15	10
142993		0.98	0.015	<0.5	6.98	<5	70	0.5	<2	5.67	<0.5	46	40	49	10.75	20
142994		0.74	0.001	0.5	0.13	<5	<10	<0.5	<2	0.33	<0.5	1	2	35	48.1	<10
142995		0.94	<0.001	<0.5	6.34	6	30	<0.5	<2	7.71	1.0	62	609	9	7.65	10
142996		0.83	<0.001	<0.5	0.55	<5	20	<0.5	<2	0.02	<0.5	2	15	<1	0.89	<10
142997		1.08	<0.001	0.6	5.15	<5	20	<0.5	<2	2.47	0.6	32	31	202	8.47	20
142998		0.73	0.057	1.8	6.75	<5	170	0.5	3	1.91	1.3	97	58	426	12.15	10
142999		1.05	0.059	1.5	6.85	<5	120	<0.5	6	5.52	1.5	130	156	674	14.85	20
143000		0.89	0.003	<0.5	8.03	<5	510	2.3	<2	2.70	<0.5	8	13	82	2.51	20
143485		0.44	<0.001	<0.5	0.02	<5	<10	<0.5	<2	0.01	<0.5	<1	14	1	0.33	<10
143486		<0.02	1.615	3.0	6.78	10	720	1.5	5	2.75	0.5	21	69	>10000	7.10	20
143201		0.64	<0.001	<0.5	6.36	7	340	2.3	<2	1.09	<0.5	2	7	13	1.45	20
143202		0.70	<0.001	<0.5	5.68	<5	80	0.7	<2	0.04	<0.5	4	7	3	2.20	10
143203		0.72	<0.001	<0.5	6.53	<5	530	1.3	<2	1.24	<0.5	4	8	4	1.57	10
143204		0.40	<0.001	<0.5	2.26	<5	40	<0.5	<2	0.63	<0.5	18	53	1	3.57	10
143205		0.33	<0.001	<0.5	8.00	<5	50	0.9	<2	6.82	0.5	35	41	7	7.88	20
143206		1.17	0.003	<0.5	5.97	227	70	<0.5	<2	7.04	0.5	15	62	195	20.3	20
143207		0.84	<0.001	<0.5	8.11	<5	60	<0.5	<2	7.47	0.8	46	205	36	7.36	20
143208		0.74	<0.001	<0.5	3.19	<5	160	0.7	<2	0.43	<0.5	<1	12	6	0.77	10
143209		0.95	0.002	<0.5	8.26	<5	200	<0.5	<2	3.15	<0.5	48	278	106	8.83	20
143210		0.83	0.002	<0.5	5.71	<5	250	0.5	<2	2.18	0.6	65	30	247	5.39	20
143211		<0.02	1.595	3.1	6.81	11	740	1.5	4	2.82	0.6	22	69	>10000	7.32	20
143151		0.92	0.008	<0.5	6.66	<5	90	<0.5	<2	8.36	0.6	57	428	53	9.14	10
143152		0.88	0.001	<0.5	7.78	<5	80	<0.5	<2	7.59	0.6	54	209	166	8.81	20



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Sample Description	Method Analyte Units LOD	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Li ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm
		0.01	10	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20
142976		0.47	10	20	2.49	4210	1	0.11	37	430	8	0.53	<5	12	132	<20
142977		0.49	<10	60	2.25	3840	<1	0.18	9	510	6	0.16	<5	18	24	<20
142978		0.19	<10	20	4.78	1010	<1	0.75	169	180	<2	0.01	<5	21	56	<20
142979		0.60	<10	20	2.48	1095	3	1.45	43	230	<2	0.10	<5	28	129	<20
142980		0.76	<10	50	3.23	1830	<1	1.40	37	360	4	1.97	<5	45	141	<20
142981		0.09	<10	10	0.13	81	<1	0.06	4	160	30	0.52	<5	2	3	<20
142982		0.03	<10	10	0.19	78	72	0.02	15	40	2	2.62	5	2	<1	<20
142983		0.84	<10	20	2.54	996	3	0.50	38	100	4	1.14	<5	26	102	<20
142984		0.01	<10	<10	0.01	33	3	0.02	<1	10	<2	0.01	<5	<1	<1	<20
142985		4.74	<10	60	3.34	1920	16	0.67	106	270	54	4.15	13	41	155	<20
142986		1.30	30	20	0.55	663	1	3.77	2	640	16	0.88	<5	8	148	<20
142987		0.50	<10	20	2.73	1285	2	0.58	37	120	<2	0.48	<5	31	78	<20
142988		0.38	<10	20	4.23	1565	2	1.03	114	200	2	0.03	<5	45	130	<20
142989		0.55	<10	20	4.18	1580	1	1.39	295	190	6	0.56	<5	40	73	<20
142990		0.17	<10	10	4.26	1135	<1	2.84	56	280	3	0.48	<5	38	214	<20
142991		0.31	<10	10	3.85	1290	1	1.19	131	250	3	0.06	<5	42	160	<20
142992		1.68	20	20	1.22	1010	2	1.14	<1	840	8	0.15	<5	9	42	<20
142993		0.64	<10	20	3.29	1640	1	2.78	42	570	2	0.51	<5	49	87	<20
142994		0.02	<10	<10	0.21	198	1	0.01	3	40	6	0.19	<5	2	<1	<20
142995		0.55	<10	20	7.38	1415	1	0.90	308	140	<2	<0.01	<5	34	112	<20
142996		0.16	<10	10	0.37	107	<1	0.02	5	30	<2	<0.01	<5	1	1	<20
142997		0.10	<10	20	2.43	1200	<1	1.58	27	400	18	0.36	<5	37	89	<20
142998		0.98	<10	30	6.40	1785	<1	1.14	209	220	19	2.44	<5	35	93	<20
142999		0.93	<10	20	5.08	6490	3	0.21	135	230	18	2.59	<5	32	62	<20
143000		0.93	20	10	0.70	263	<1	3.34	4	1010	23	0.48	<5	4	810	<20
143485		<0.01	<10	<10	0.01	38	<1	<0.01	<1	10	<2	0.01	<5	<1	1	<20
143486		2.92	20	20	1.64	523	458	1.98	33	970	24	1.32	<5	14	420	<20
143201		2.59	<10	30	0.18	394	1	2.59	<1	150	20	0.01	<5	4	66	<20
143202		1.04	30	50	4.46	345	<1	0.17	2	40	3	<0.01	<5	2	10	<20
143203		2.53	10	20	0.28	298	<1	2.60	1	180	15	0.01	<5	3	118	<20
143204		0.23	<10	10	2.31	492	<1	0.55	36	130	2	<0.01	<5	15	32	<20
143205		0.63	10	20	3.55	1145	1	2.26	48	520	4	0.05	<5	34	162	<20
143206		0.92	<10	30	2.67	5270	2	0.66	14	340	3	0.44	<5	41	36	<20
143207		0.80	<10	10	5.60	1360	<1	1.08	136	230	2	0.01	<5	43	118	<20
143208		0.43	<10	<10	0.16	165	<1	1.53	<1	50	6	0.02	<5	1	25	<20
143209		2.30	<10	50	1.77	1680	1	0.51	131	300	8	1.44	<5	38	34	<20
143210		0.81	<10	30	0.87	810	2	1.64	32	300	<2	2.38	<5	13	79	<20
143211		3.00	10	20	1.68	544	474	2.03	33	980	27	1.37	<5	14	433	<20
143151		1.00	<10	30	5.01	1945	2	0.86	171	230	2	0.23	<5	39	135	<20
143152		0.72	<10	20	5.61	1545	2	1.48	126	240	<2	0.54	<5	43	100	<20



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Sample Description	Method Analyte Units LOD	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Ag-OG62	Cu-OG62
		Ti	Ti	U	V	W	Zn	Ag	Cu
		% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2	ppm 1	% 0.001
142976		0.31	<10	<10	112	<10	539		
142977		0.31	<10	<10	127	<10	36		
142978		0.21	<10	<10	141	<10	56		
142979		0.32	<10	<10	173	<10	58		
142980		0.63	<10	<10	253	40	98		
142981		0.02	<10	<10	7	<10	7		
142982		0.02	<10	<10	14	<10	25		
142983		0.28	<10	<10	150	<10	62		
142984		<0.01	<10	<10	1	<10	<2		
142985		0.49	<10	<10	272	70	101		
142986		0.26	<10	<10	43	10	59		
142987		0.26	<10	<10	132	1090	58		
142988		0.42	<10	<10	250	170	75		
142989		0.35	<10	<10	217	10	65		
142990		0.51	<10	<10	235	<10	62		
142991		0.46	<10	<10	254	<10	69		
142992		0.39	<10	<10	36	<10	79		
142993		0.95	<10	<10	390	<10	107		
142994		<0.01	<10	10	10	<10	24		
142995		0.30	<10	<10	204	<10	72		
142996		0.01	<10	<10	9	<10	7		
142997		0.63	<10	<10	295	<10	95		
142998		0.40	<10	<10	241	<10	205		
142999		0.39	<10	<10	193	<10	357		
143000		0.17	<10	<10	50	<10	47		
143485		<0.01	<10	<10	<1	<10	<2		
143486		0.36	<10	<10	146	10	104		1.025
143201		0.10	<10	<10	11	<10	26		
143202		0.06	<10	<10	4	<10	28		
143203		0.12	<10	<10	16	<10	27		
143204		0.20	<10	<10	76	<10	45		
143205		0.89	<10	<10	312	<10	64		
143206		0.53	<10	<10	272	<10	127		
143207		0.32	<10	<10	216	<10	76		
143208		0.04	<10	<10	4	<10	5		
143209		0.61	<10	<10	299	<10	100		
143210		0.17	<10	<10	70	<10	252		
143211		0.37	<10	<10	151	<10	108		1.020
143151		0.37	10	<10	221	70	69		
143152		0.48	<10	<10	254	<10	95		



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Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
143153		0.91	0.005	<0.5	7.13	5	50	0.5	<2	6.76	0.7	49	32	108	11.35	20
143154		0.84	<0.001	<0.5	0.20	<5	<10	<0.5	<2	0.17	<0.5	1	16	172	0.91	<10
143155		0.91	<0.001	<0.5	0.42	<5	<10	<0.5	<2	0.06	<0.5	<1	17	1	0.35	<10
143156		0.93	0.007	0.7	1.36	<5	30	<0.5	<2	1.36	1.2	50	12	962	5.99	<10
143157		0.89	<0.001	<0.5	3.45	<5	<10	<0.5	<2	1.65	<0.5	95	2930	2	6.95	<10
143158		0.62	0.138	64.8	2.74	<5	20	<0.5	143	8.54	18.8	209	2210	3720	12.20	10
143159		0.54	<0.001	<0.5	6.54	<5	130	2.9	<2	2.93	<0.5	4	15	8	3.15	20
143160		0.62	<0.001	<0.5	1.76	<5	10	<0.5	<2	0.02	<0.5	10	290	7	1.93	<10
143161		0.74	<0.001	<0.5	7.67	<5	10	<0.5	<2	7.89	0.7	51	107	34	10.15	20
143162		0.80	<0.001	<0.5	8.33	<5	50	<0.5	<2	2.48	<0.5	28	32	3	6.07	20
143163		0.53	0.019	<0.5	0.04	<5	<10	<0.5	<2	0.55	<0.5	<1	11	4	2.81	<10
143164		0.76	0.001	<0.5	6.14	<5	120	0.9	<2	5.88	0.6	54	57	204	10.30	20
143165		0.43	<0.001	<0.5	1.23	<5	<10	<0.5	<2	1.21	<0.5	10	24	5	2.38	10
143166		0.98	0.001	<0.5	7.40	<5	20	<0.5	<2	8.06	<0.5	49	208	42	9.10	20
143167		0.65	0.002	<0.5	6.28	<5	230	0.8	<2	0.27	<0.5	3	5	27	2.50	10
143168		0.93	0.023	4.6	4.96	<5	200	<0.5	<2	1.62	0.5	11	5	929	3.48	10
143169		0.79	0.007	<0.5	7.22	<5	30	<0.5	<2	8.09	0.8	31	283	191	17.55	20
143170		0.02	1.625	2.9	6.86	8	750	1.6	5	2.84	<0.5	20	73	>10000	7.25	20
143126		0.67	0.005	<0.5	8.07	<5	100	<0.5	<2	5.35	<0.5	43	295	122	9.20	20
143127		1.58	0.161	8.9	6.91	<5	340	0.6	18	4.66	1.9	57	86	4540	10.10	20
143128		1.45	0.006	1.7	7.24	<5	150	<0.5	<2	6.67	0.5	84	270	1335	12.30	20
143129		0.74	0.006	<0.5	5.95	<5	30	<0.5	<2	5.10	0.8	31	102	321	13.10	20
143130		0.73	0.017	1.2	6.60	<5	90	0.7	<2	7.39	0.7	89	187	1535	11.65	20
143131		0.84	<0.001	<0.5	6.76	<5	570	1.4	<2	1.02	<0.5	2	9	17	1.40	20
143132		0.66	<0.001	<0.5	6.87	<5	860	1.4	2	1.56	<0.5	10	69	115	2.38	10
143133		0.71	1.330	>100	1.50	<5	70	<0.5	39	0.32	149.5	26	49	>10000	11.40	<10
143134		0.74	0.001	0.7	7.49	<5	50	1.2	<2	1.78	<0.5	21	144	233	6.99	20
143135		0.88	3.55	37.7	3.34	10	50	<0.5	4230	2.18	2.2	17	45	2300	5.58	10
143136		0.91	0.035	2.4	7.74	<5	160	<0.5	16	5.04	1.8	11	52	1630	6.52	20
143137		1.06	0.142	20.9	2.00	<5	10	0.5	32	8.63	3.0	124	420	>10000	15.90	10
143138		1.50	0.002	0.7	6.87	14	110	0.5	<2	3.23	0.5	13	44	51	7.79	20
143139		1.04	0.005	<0.5	9.06	<5	260	<0.5	<2	5.54	<0.5	52	279	193	8.34	20
143140		1.79	0.010	<0.5	6.08	<5	220	0.5	<2	4.22	0.8	23	101	113	16.95	20
143141		0.99	0.022	0.7	7.04	<5	330	0.5	<2	0.88	<0.5	117	132	300	12.20	20
143142		1.23	0.037	0.9	0.57	<5	10	<0.5	7	0.16	<0.5	1	30	16	0.58	<10
143143		0.41	<0.001	<0.5	0.02	<5	<10	<0.5	<2	<0.01	<0.5	<1	10	9	0.34	<10
143144		<0.02	1.630	3.0	6.75	7	740	1.6	5	2.78	0.5	21	71	>10000	7.10	20
142851		0.80	0.009	<0.5	6.40	<5	150	<0.5	<2	7.42	0.7	42	333	50	10.95	20
142852		0.73	0.001	<0.5	6.63	<5	120	0.5	<2	4.32	0.9	33	35	42	15.65	20
142853		0.51	<0.001	<0.5	0.66	<5	20	<0.5	<2	0.69	<0.5	4	34	4	1.14	<10



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		K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
		%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
		0.01	10	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20
143153		0.66	<10	20	3.41	1595	2	2.00	45	610	7	0.69	<5	48	117	<20
143154		0.01	<10	<10	0.13	95	<1	0.05	1	30	<2	0.07	<5	1	1	<20
143155		0.07	<10	<10	0.03	42	2	0.16	<1	10	<2	<0.01	<5	<1	12	<20
143156		0.28	10	<10	1.87	538	<1	0.11	20	530	6	1.25	<5	2	4	<20
143157		<0.01	<10	<10	16.85	1685	<1	0.01	1055	60	<2	<0.01	<5	23	1	<20
143158		0.15	<10	10	8.00	2890	1	0.28	951	50	472	3.79	<5	17	35	<20
143159		1.26	30	60	2.94	1215	1	0.54	17	430	17	0.01	<5	4	48	<20
143160		0.11	<10	<10	2.13	132	<1	0.01	80	10	<2	0.01	<5	4	1	<20
143161		0.20	<10	10	4.54	1700	<1	0.82	118	350	5	0.02	<5	50	87	<20
143162		0.28	20	40	4.92	798	<1	1.95	36	1100	<2	<0.01	<5	16	129	<20
143163		0.01	<10	<10	0.44	398	1	0.01	1	520	<2	0.14	<5	<1	6	<20
143164		0.63	10	10	3.67	1130	<1	3.07	102	680	<2	0.16	<5	23	126	<20
143165		0.05	<10	<10	0.87	376	1	0.18	11	70	<2	<0.01	<5	9	8	<20
143166		0.13	<10	10	4.61	1605	<1	1.28	96	220	<2	0.02	<5	39	93	<20
143167		3.44	<10	20	0.69	515	<1	0.17	<1	120	10	0.13	<5	2	10	20
143168		0.85	20	20	1.64	630	1	0.75	15	560	125	0.39	<5	4	33	<20
143169		0.30	10	10	2.66	5270	<1	0.47	81	180	3	0.62	6	61	44	<20
143170		2.98	20	20	1.64	544	486	2.02	37	1000	28	1.37	<5	14	437	<20
143126		0.69	<10	20	2.11	3240	<1	1.85	71	310	5	0.56	<5	43	98	<20
143127		1.54	10	30	2.31	2190	27	0.79	58	1460	6	0.99	<5	34	97	20
143128		1.30	<10	40	3.75	1740	131	0.74	109	240	7	0.59	<5	43	57	<20
143129		0.33	10	20	5.01	5860	1	1.20	74	290	5	0.29	5	27	34	<20
143130		1.29	10	30	3.64	2250	11	0.42	153	160	5	1.80	<5	38	58	<20
143131		2.86	30	10	0.17	381	1	2.70	1	140	16	0.02	<5	2	79	20
143132		4.55	20	10	2.43	475	1	0.72	53	410	13	0.09	<5	5	267	20
143133		0.60	<10	10	0.36	171	1	0.18	23	50	5	6.77	<5	8	19	<20
143134		0.35	10	160	3.23	1945	1	0.33	60	260	4	0.82	7	35	27	<20
143135		0.52	<10	10	2.62	898	2	0.58	22	390	337	0.32	9	19	29	<20
143136		1.42	10	20	2.04	1215	<1	0.79	6	860	12	0.28	<5	25	121	<20
143137		0.15	<10	<10	5.48	1950	92	0.25	605	140	9	2.77	<5	13	12	<20
143138		0.88	20	30	0.61	717	1	0.97	23	260	27	6.06	<5	10	96	<20
143139		1.64	<10	50	1.83	3290	<1	0.36	90	310	16	0.73	<5	44	46	<20
143140		1.19	10	30	2.49	8260	1	0.75	61	400	10	>10.0	<5	32	100	<20
143141		1.56	10	50	2.96	582	1	2.19	144	310	27	8.20	<5	27	74	<20
143142		0.04	<10	<10	0.13	77	90	0.15	2	20	11	0.06	<5	1	6	<20
143143		<0.01	<10	10	0.01	37	1	<0.01	1	<10	<2	0.01	<5	<1	<1	<20
143144		2.94	20	20	1.61	535	472	1.97	35	970	23	1.33	<5	14	427	<20
142851		0.85	10	10	4.37	3320	2	1.64	128	260	4	0.27	<5	39	255	<20
142852		0.24	10	20	2.70	8150	<1	1.77	33	350	7	0.14	6	42	117	<20
142853		0.05	<10	<10	0.28	592	1	0.15	8	40	<2	<0.01	<5	3	9	<20



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Sample Description	Method Analyte Units LOD	ME-ICP61 Ti %	ME-ICP61 Ti ppm	ME-ICP61 U ppm	ME-ICP61 V ppm	ME-ICP61 W ppm	ME-ICP61 Zn ppm	Ag-OG62 Ag ppm	Cu-OG62 Cu %
		0.01	10	10	1	10	2	1	0.001
143153		0.94	<10	<10	385	<10	98		
143154		0.05	<10	<10	10	<10	5		
143155		0.01	<10	<10	1	<10	<2		
143156		0.01	<10	<10	11	<10	224		
143157		0.08	<10	<10	99	<10	84		
143158		0.08	<10	<10	83	<10	1295		
143159		0.15	<10	<10	15	<10	64		
143160		0.03	<10	<10	30	<10	32		
143161		0.54	<10	<10	335	<10	107		
143162		0.56	<10	<10	136	<10	72		
143163		<0.01	<10	<10	1	<10	31		
143164		1.10	<10	<10	305	<10	90		
143165		0.18	<10	<10	71	<10	22		
143166		0.47	<10	<10	266	<10	95		
143167		0.08	<10	<10	7	10	60		
143168		0.17	<10	<10	10	<10	111		
143169		0.51	<10	<10	375	<10	245		
143170		0.39	<10	<10	152	<10	111		1.125
143126		0.57	<10	<10	316	<10	109		
143127		1.56	<10	<10	241	10	113		
143128		0.49	10	<10	262	<10	168		
143129		0.54	10	<10	245	10	97		
143130		0.32	<10	<10	263	<10	89		
143131		0.09	<10	<10	10	<10	26		
143132		0.12	<10	<10	33	<10	41		
143133		0.13	<10	<10	61	<10	6750	171	8.15
143134		0.36	10	<10	169	<10	87		
143135		0.52	<10	<10	188	270	186		
143136		0.65	<10	<10	194	<10	396		
143137		0.10	<10	<10	78	20	285		1.550
143138		0.16	<10	<10	84	<10	48		
143139		0.83	<10	<10	363	<10	123		
143140		0.58	<10	<10	220	<10	371		
143141		0.28	<10	<10	190	<10	66		
143142		0.02	<10	<10	13	<10	7		
143143		<0.01	<10	<10	1	<10	<2		
143144		0.37	<10	<10	148	<10	107		1.115
142851		0.57	<10	<10	266	<10	106		
142852		0.73	<10	<10	318	<10	104		
142853		0.03	<10	<10	17	<10	8		



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CERTIFICATE OF ANALYSIS VO19187936

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
142854		1.01	0.013	<0.5	6.33	<5	50	0.5	<2	5.83	1.1	25	32	71	18.10	20
142855		0.79	0.031	<0.5	6.87	24	330	0.6	<2	4.06	0.6	49	40	14	13.95	20
142856		1.10	0.073	<0.5	6.51	14	90	<0.5	3	4.29	0.7	36	32	59	16.05	20
142857		0.93	0.001	<0.5	4.97	9	210	1.1	<2	0.92	<0.5	9	39	22	4.75	10
142858		0.80	<0.001	<0.5	7.08	<5	80	<0.5	<2	5.03	<0.5	54	267	59	8.35	10
142859		0.98	<0.001	<0.5	7.32	<5	210	0.8	<2	3.25	<0.5	21	47	87	6.96	20
142860		0.96	0.005	<0.5	6.93	<5	70	<0.5	<2	3.73	<0.5	30	159	61	5.76	20
142861		0.63	0.004	<0.5	5.94	<5	10	<0.5	<2	1.22	2.5	6	58	46	13.85	10
142862		0.73	0.001	0.7	6.58	5	50	1.4	<2	1.98	<0.5	11	13	57	5.28	20
142863		1.15	0.020	<0.5	5.07	263	20	<0.5	4	7.77	0.7	40	463	98	18.30	10
142864		0.79	<0.001	<0.5	6.04	<5	50	<0.5	<2	6.59	<0.5	44	638	37	7.57	20
142865		1.04	0.004	<0.5	7.22	<5	100	<0.5	<2	7.26	<0.5	27	180	54	7.60	10
142866		0.76	<0.001	<0.5	6.11	<5	<10	31.4	<2	0.23	<0.5	<1	5	1	0.30	40
142867		0.72	0.028	<0.5	7.64	<5	120	0.9	<2	8.28	<0.5	36	229	85	8.02	20
142868		0.68	0.002	<0.5	5.10	<5	20	<0.5	<2	7.06	<0.5	11	131	60	6.08	10
142869		0.98	0.413	0.8	7.26	13	320	3.4	<2	5.41	<0.5	46	161	369	10.55	20
142870		0.74	0.052	<0.5	7.68	<5	90	<0.5	<2	7.10	<0.5	44	219	104	8.41	20
142871		0.88	0.058	1.1	6.42	9	470	0.8	<2	3.50	<0.5	39	235	239	6.15	10
142872		0.79	<0.001	<0.5	7.03	<5	30	<0.5	<2	8.54	<0.5	46	220	9	8.17	10
142873		0.96	0.003	<0.5	6.41	<5	80	<0.5	<2	7.22	<0.5	53	517	123	8.08	10
142874		0.42	<0.001	<0.5	0.02	<5	<10	<0.5	<2	0.02	<0.5	1	17	1	0.32	<10
142875		<0.02	1.570	2.9	6.97	9	750	1.6	2	2.86	<0.5	18	73	>10000	7.27	20



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		K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		0.01	10	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1
142854		0.14	<10	10	2.95	7970	<1	0.97	27	390	6	0.13	7	40	59
142855		0.52	<10	150	1.91	4390	<1	0.78	71	240	4	0.04	8	43	151
142856		0.45	<10	60	2.42	5270	<1	0.97	36	380	6	0.11	6	40	67
142857		1.22	10	30	0.35	549	1	1.54	13	230	10	0.44	5	7	140
142858		0.39	<10	30	4.56	1925	<1	1.84	236	190	<2	0.08	<5	32	129
142859		0.72	10	20	0.64	1655	<1	1.79	45	780	6	0.10	<5	15	208
142860		0.48	10	220	2.39	1110	<1	0.58	112	550	6	0.09	<5	16	221
142861		0.08	<10	10	2.05	5450	<1	0.08	7	650	<2	0.39	<5	14	29
142862		0.81	10	20	1.22	331	4	1.09	9	1630	7	1.58	<5	11	80
142863		0.19	<10	20	3.49	10150	1	0.66	125	170	<2	0.12	6	27	103
142864		0.36	<10	10	6.16	1350	<1	1.74	215	270	<2	0.04	<5	28	167
142865		0.71	10	20	3.38	1285	<1	1.20	62	300	3	0.13	<5	40	145
142866		1.31	<10	10	0.01	1135	<1	5.01	<1	170	11	<0.01	<5	2	10
142867		1.37	10	10	3.76	1515	3	1.64	93	270	5	0.82	<5	40	93
142868		0.20	<10	<10	2.27	1195	3	0.57	38	190	5	0.21	5	26	211
142869		1.67	10	40	3.18	1600	3	2.00	68	240	57	6.04	6	41	248
142870		0.72	<10	10	3.57	1425	4	2.31	99	280	8	0.48	<5	41	118
142871		3.74	<10	10	3.21	1145	41	2.36	74	200	76	2.38	<5	28	274
142872		0.34	<10	10	4.33	1450	<1	1.36	142	220	<2	<0.01	6	38	115
142873		0.76	10	30	5.01	1370	<1	0.74	169	210	<2	0.16	<5	32	96
142874		<0.01	<10	10	0.01	36	<1	<0.01	<1	<10	<2	<0.01	7	<1	2
142875		2.97	20	20	1.65	541	479	2.02	35	980	24	1.36	<5	14	436



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Sample Description	Method Analyte Units LOD	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Ag-OG62	Cu-OG62
		Ti	Ti	U	V	W	Zn	Ag	Cu
		% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2	ppm 1	% 0.001
142854		0.69	<10	<10	307	<10	104		
142855		0.75	10	<10	328	<10	113		
142856		0.72	<10	<10	304	<10	108		
142857		0.17	<10	<10	42	<10	91		
142858		0.42	<10	<10	245	<10	94		
142859		0.34	<10	<10	108	<10	74		
142860		0.35	<10	<10	115	<10	98		
142861		0.29	<10	<10	70	<10	399		
142862		0.14	<10	<10	63	<10	49		
142863		0.37	<10	<10	174	<10	80		
142864		0.41	<10	<10	198	<10	74		
142865		0.47	<10	<10	239	<10	84		
142866		<0.01	<10	<10	1	<10	34		
142867		0.51	<10	<10	274	<10	84		
142868		0.21	<10	<10	168	<10	46		
142869		0.47	<10	<10	207	50	109		
142870		0.52	<10	<10	254	<10	70		
142871		0.33	<10	<10	151	10	157		
142872		0.47	<10	<10	243	<10	81		
142873		0.37	<10	<10	231	<10	77		
142874		<0.01	<10	<10	1	<10	<2		
142875		0.38	<10	<10	150	<10	111		1.110



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CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada		
	CRU-31	CRU-QC	LOG-22
	PUL-31	PUL-QC	SPL-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Ag-OG62	Au-ICP21	Cu-OG62
	ME-OG62		

LOG-24
WEI-21

ME-ICP61



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VO19189177

Project: FCI
P.O. No.: O3-FCI-00002
This report is for 24 Rock samples submitted to our lab in Val d'Or, QC, Canada on 31-JUL-2019.

The following have access to data associated with this certificate:

NEIL MCCALLUM

CORPORATIF WEBTRIEVE O3 MINING

DARREN SMITH

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
Li-OG63	Ore grade Li - 4ACID	
ME-OG62o	Ore Grade open beaker -ICPAES	ICP-AES
ME-MS85	Lithium Borate Fusion - Select Elements	ICP-MS
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

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

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

Signature:

Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS VO19189177

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
142162		0.79	0.002	<0.5	6.76	<5	<10	6.9	3	0.09	<0.5	<1	15	1	0.58	60
142163		0.52	0.004	<0.5	4.98	<5	<10	88.9	2	0.08	<0.5	1	16	1	0.36	40
142164		0.75	<0.001	<0.5	7.96	8	20	138.0	<2	0.07	<0.5	<1	13	1	0.44	80
142165		0.67	<0.001	<0.5	7.80	<5	10	352	9	0.20	<0.5	1	13	1	0.67	60
142137		1.17	0.008	<0.5	6.56	227	10	61.7	2	0.08	<0.5	<1	10	1	0.42	60
142138		1.40	<0.001	<0.5	7.92	<5	<10	50.1	2	0.27	<0.5	<1	10	7	0.15	50
142139		0.93	<0.001	<0.5	5.70	<5	<10	24.6	<2	0.05	<0.5	<1	14	1	0.24	40
142140		0.91	0.003	<0.5	6.62	<5	20	3.2	22	0.32	<0.5	<1	11	14	0.90	30
142141		1.02	0.005	<0.5	1.05	16	10	1.3	4	15.10	0.7	15	16	20	6.43	<10
142142		<0.02	0.081	<0.5	7.53	15	60	139.0	3	0.21	1.5	2	20	35	0.81	20
142202		0.78	0.001	<0.5	6.50	<5	<10	41.0	15	0.16	<0.5	<1	8	1	0.40	40
142203		0.77	<0.001	<0.5	7.33	<5	10	149.0	<2	0.08	<0.5	1	11	1	0.47	60
142204		0.80	<0.001	<0.5	7.50	<5	10	107.0	<2	0.10	<0.5	<1	11	1	0.50	70
142205		0.62	<0.001	<0.5	7.02	<5	80	125.5	<2	0.24	<0.5	<1	9	1	0.48	60
142206		0.98	<0.001	<0.5	8.36	6	10	81.1	<2	0.44	<0.5	<1	10	1	0.37	70
142207		0.97	<0.001	<0.5	7.18	<5	30	40.2	4	0.11	<0.5	<1	11	1	0.24	40
142208		0.87	<0.001	<0.5	7.35	<5	10	4.5	<2	0.10	<0.5	<1	10	1	0.27	40
142209		0.95	0.028	<0.5	6.49	<5	30	99.7	12	0.13	<0.5	<1	11	<1	0.26	60
142210		0.82	0.098	<0.5	6.78	<5	<10	122.0	3	0.09	<0.5	<1	11	1	0.33	70
142211		0.60	<0.001	<0.5	6.53	<5	30	198.0	6	0.15	<0.5	<1	12	1	0.35	60
142212		0.90	<0.001	<0.5	6.35	5	10	97.6	3	0.09	<0.5	<1	11	5	0.34	60
142213		1.04	<0.001	<0.5	7.63	5	<10	531	<2	0.18	<0.5	1	8	2	0.43	50
142214		0.67	<0.001	<0.5	6.40	<5	<10	218	<2	0.14	<0.5	<1	11	1	0.55	50
142676		1.33	0.005	<0.5	6.64	<5	10	5.2	48	0.64	<0.5	<1	13	6	1.04	30



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Project: FCI

CERTIFICATE OF ANALYSIS VO19189177

Sample Description	Method Analyte Units LOD	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Li ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm
142162		0.16	<10	>10000	0.01	1130	<1	1.72	1	90	2	<0.01	<5	10	<1	<20
142163		1.29	<10	4460	0.01	406	<1	1.74	1	70	6	<0.01	<5	8	8	<20
142164		1.39	<10	>10000	0.01	670	<1	3.15	1	500	<2	<0.01	6	<1	15	<20
142165		1.29	<10	4010	0.03	628	<1	3.32	1	240	7	<0.01	<5	<1	24	<20
142137		0.70	<10	140	0.03	362	<1	4.88	4	400	<2	<0.01	17	<1	6	<20
142138		0.58	<10	560	0.17	328	<1	7.76	2	440	7	0.13	8	<1	45	<20
142139		0.50	<10	3060	0.01	415	<1	4.97	3	530	5	<0.01	9	<1	15	<20
142140		3.87	<10	20	<0.01	940	<1	3.11	1	20	119	0.02	<5	4	17	<20
142141		0.04	<10	20	7.81	5880	5	0.08	48	210	<2	<0.01	<5	10	6	<20
142142		2.08	<10	6830	0.05	761	3	2.70	12	1350	12	0.04	<5	<1	31	<20
142202		1.47	<10	60	0.02	3150	<1	4.53	<1	120	9	<0.01	<5	6	3	<20
142203		1.64	<10	4150	0.02	460	<1	4.04	2	270	2	<0.01	<5	<1	20	<20
142204		1.79	<10	770	0.03	838	<1	3.56	1	150	2	<0.01	<5	<1	25	<20
142205		1.12	<10	3520	0.03	669	<1	3.44	1	940	4	<0.01	<5	<1	30	<20
142206		1.49	<10	7520	0.01	1370	<1	4.53	1	2520	10	<0.01	7	<1	17	<20
142207		5.06	<10	60	0.01	288	<1	3.26	3	210	27	<0.01	<5	2	43	<20
142208		4.41	<10	490	0.01	752	<1	2.60	<1	200	41	<0.01	<5	3	48	<20
142209		1.77	<10	3820	0.01	903	<1	4.53	2	240	10	<0.01	<5	4	17	<20
142210		1.31	<10	6180	0.01	1320	<1	2.93	1	360	5	<0.01	5	10	12	<20
142211		1.24	<10	4630	0.01	306	<1	3.97	2	520	<2	<0.01	<5	1	17	<20
142212		1.63	<10	2990	0.02	377	<1	3.81	1	550	2	<0.01	6	<1	18	<20
142213		0.34	<10	2930	0.01	483	<1	6.62	2	350	6	<0.01	<5	<1	<1	20
142214		0.57	<10	2520	0.01	930	<1	4.60	2	470	<2	<0.01	<5	1	<1	<20
142676		0.66	<10	40	0.01	3490	1	4.73	2	30	80	0.01	<5	9	9	<20



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CERTIFICATE OF ANALYSIS VO19189177

Sample Description	Method Analyte Units LOD	ME-ICP61 Ti %	ME-ICP61 Ti ppm	ME-ICP61 U ppm	ME-ICP61 V ppm	ME-ICP61 W ppm	ME-ICP61 Zn ppm	Li-OG63 Li %	ME-MS85 Ta ppm
142162		<0.01	<10	<10	1	<10	85	1.275	36.2
142163		<0.01	10	<10	1	<10	30		45.9
142164		<0.01	10	10	1	<10	36	1.125	259
142165		0.01	10	20	5	<10	23		180.0
142137		<0.01	10	<10	1	<10	76		111.5
142138		<0.01	20	10	<1	10	20		282
142139		<0.01	20	<10	1	10	26		316
142140		<0.01	10	<10	1	<10	<2		42.7
142141		0.04	<10	<10	36	1350	93		0.5
142142		0.02	<10	<10	4	10	97		44.2
142202		<0.01	10	<10	2	10	14		32.1
142203		0.01	10	10	1	10	78		166.0
142204		0.01	10	<10	1	10	76		103.5
142205		<0.01	10	<10	1	10	58		242
142206		0.01	10	30	1	10	113		828
142207		<0.01	20	<10	1	<10	8		72.8
142208		<0.01	30	<10	1	<10	17		12.4
142209		<0.01	10	<10	1	<10	9		82.7
142210		<0.01	10	<10	1	10	61		209
142211		<0.01	10	<10	1	<10	27		57.6
142212		<0.01	10	<10	1	<10	46		48.4
142213		<0.01	<10	20	1	<10	15		116.0
142214		<0.01	<10	<10	1	<10	46		77.7
142676		<0.01	<10	<10	2	<10	4		36.3



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CERTIFICATE OF ANALYSIS VO19189177

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada		
	CRU-31	CRU-QC	LOG-22
	PUL-31	PUL-QC	SPL-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au-ICP21	Li-OG63	ME-ICP61
	ME-OG62o		



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VO19189324

Project: FCI
P.O. No.: O3-FCI-00002
This report is for 17 Rock samples submitted to our lab in Val d'Or, QC, Canada on 30-JUL-2019.

The following have access to data associated with this certificate:

NEIL MCCALLUM

CORPORATIF WEBTRIEVE O3 MINING

DARREN SMITH

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM

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

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

Signature:

Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS VO19189324

Sample Description	Method Analyte Units LOD	WEI-21	Au-ICP21	Au-GRA21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
		kg 0.02	ppm 0.001	ppm 0.05	ppm 0.5	% 0.01	ppm 5	ppm 10	ppm 0.5	ppm 2	% 0.01	ppm 0.5	ppm 1	ppm 1	ppm 1	% 0.01
142576		0.97	>10.0	11.90	3.6	3.68	>10000	70	<0.5	<2	3.36	0.5	226	22	432	22.0
142577		1.07	0.026		<0.5	7.03	64	30	<0.5	<2	3.91	<0.5	44	39	82	12.55
142578		0.84	0.001		<0.5	8.67	5	280	0.6	2	7.92	<0.5	54	169	84	9.85
142579		0.92	0.056		<0.5	0.44	123	10	<0.5	3	0.05	<0.5	1	8	9	0.68
142580		0.74	0.003		<0.5	7.01	13	180	<0.5	<2	6.03	<0.5	57	521	58	11.20
143005		0.72	0.008		<0.5	6.73	6	60	<0.5	<2	7.74	<0.5	42	203	169	13.60
143006		0.82	0.003		<0.5	6.60	<5	50	<0.5	<2	6.40	0.6	49	195	261	13.00
143007		0.89	0.153		<0.5	3.31	380	20	<0.5	<2	3.21	<0.5	19	27	182	21.6
143008		0.81	0.737		0.5	3.47	1975	20	<0.5	<2	2.50	<0.5	46	6	143	30.7
143009		0.85	0.005		<0.5	6.43	<5	40	<0.5	<2	6.84	<0.5	66	199	261	14.00
143010		0.79	0.049		<0.5	5.21	<5	50	0.5	<2	5.60	0.6	21	27	151	17.55
143011		0.94	0.009		<0.5	5.52	<5	250	<0.5	<2	6.54	2.5	58	101	226	11.50
143012		0.79	0.004		<0.5	7.07	16	40	0.5	<2	6.44	<0.5	52	38	275	14.35
143013		0.68	0.017		0.7	4.74	<5	40	<0.5	3	6.33	0.7	66	22	393	22.2
143014		0.92	0.022		<0.5	7.49	5	150	<0.5	<2	6.93	<0.5	32	234	42	14.65
143024		0.40	<0.001		<0.5	0.05	<5	<10	<0.5	2	0.04	<0.5	<1	13	4	0.39
143025		<0.02	1.630		2.7	6.70	10	710	1.6	2	2.67	<0.5	19	72	>10000	7.05



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CERTIFICATE OF ANALYSIS VO19189324

Sample Description	Method Analyte Units LOD	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Ga	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
		ppm 10	% 0.01	ppm 10	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 5	ppm 1
142576		10	0.37	<10	20	1.60	1540	2	0.54	113	180	10	9.42	7	20
142577		20	0.11	<10	40	3.06	3010	<1	1.45	49	340	<2	0.16	<5	40
142578		20	0.42	<10	60	4.28	2420	<1	1.00	121	360	2	0.11	<5	43
142579		<10	0.17	10	<10	0.03	47	<1	0.01	2	20	<2	0.16	<5	1
142580		20	0.78	<10	30	4.50	3240	1	0.95	233	260	<2	0.02	<5	39
143005		10	0.26	<10	50	4.75	3860	<1	0.60	78	160	<2	2.05	<5	51
143006		20	0.26	<10	90	4.31	2450	<1	0.82	69	100	<2	2.34	<5	47
143007		10	0.08	<10	10	1.26	1025	1	0.92	66	140	12	9.12	<5	7
143008		10	0.08	<10	10	1.45	6480	1	0.54	97	80	9	>10.0	<5	6
143009		10	0.23	<10	90	4.44	2320	1	0.80	92	260	<2	3.06	<5	46
143010		10	0.29	10	30	2.19	7600	<1	0.71	45	340	3	5.18	<5	32
143011		10	0.86	10	70	3.14	2010	2	0.36	88	610	<2	1.85	<5	35
143012		20	0.30	<10	60	3.42	2990	<1	0.92	45	410	<2	0.54	<5	49
143013		10	0.22	<10	10	2.54	3370	2	0.57	126	230	9	3.10	<5	51
143014		10	0.32	<10	40	2.64	3890	1	0.69	71	190	<2	0.50	<5	53
143024		<10	0.01	<10	10	0.02	59	<1	0.01	<1	10	<2	0.01	<5	<1
143025		20	2.83	20	30	1.60	538	460	1.92	37	920	23	1.25	<5	14



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CERTIFICATE OF ANALYSIS VO19189324

Sample Description	Method Analyte Units LOD	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Cu-OG62
		Th	Ti	Ti	U	V	W	Zn	Cu
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2	% 0.001
142576		<20	0.31	<10	<10	137	2500	90	
142577		<20	0.71	<10	<10	340	10	120	
142578		<20	0.84	<10	<10	340	<10	111	
142579		<20	0.03	<10	<10	5	30	<2	
142580		<20	0.63	<10	<10	290	<10	125	
143005		<20	0.34	<10	<10	265	<10	131	
143006		<20	0.32	<10	<10	277	<10	155	
143007		<20	0.10	<10	<10	41	<10	55	
143008		<20	0.07	<10	<10	45	<10	65	
143009		<20	0.34	<10	<10	308	<10	150	
143010		<20	0.54	<10	<10	247	10	160	
143011		<20	0.71	<10	<10	200	30	899	
143012		<20	0.75	<10	<10	373	<10	157	
143013		<20	0.36	<10	<10	278	<10	159	
143014		<20	0.36	<10	<10	275	<10	112	
143024		<20	<0.01	<10	<10	2	<10	<2	
143025		<20	0.36	<10	<10	149	<10	103	1.110



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CERTIFICATE OF ANALYSIS VO19189324

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Val d'Or located at 1324 Rue Turcotte, Val d'Or, QC, Canada.			
	CRU-31	CRU-QC	LOG-22	LOG-24
	PUL-31	PUL-QC	SPL-21	WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-GRA21	Au-ICP21	Cu-OG62	ME-ICP61
	ME-OG62			



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VO19189364

Project: FCI
P.O. No.: O3-FCI-00002
This report is for 109 Rock samples submitted to our lab in Val d'Or, QC, Canada on 30-JUL-2019.

The following have access to data associated with this certificate:

NEIL MCCALLUM

CORPORATIF WEBTRIEVE O3 MINING

DARREN SMITH

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

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

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

Signature:

Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS VO19189364

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
142776		0.73	0.003	<0.5	6.05	136	110	0.6	<2	5.22	<0.5	15	46	51	14.20	20
142777		1.39	0.005	<0.5	6.69	<5	320	0.6	<2	2.60	<0.5	28	120	66	7.21	10
142778		0.85	0.002	<0.5	6.40	7	120	0.5	<2	6.18	0.5	46	52	30	14.70	20
142779		0.82	<0.001	<0.5	7.37	20	560	0.7	<2	3.60	<0.5	16	77	3	5.40	20
142780		0.89	0.001	<0.5	8.34	<5	590	0.9	<2	2.19	<0.5	26	81	49	3.86	20
142781		0.66	<0.001	<0.5	5.52	12	390	0.5	<2	0.50	<0.5	51	108	150	12.85	10
142782		0.69	0.005	<0.5	0.78	<5	10	<0.5	<2	0.25	<0.5	22	15	67	13.85	<10
142783		0.64	0.002	<0.5	7.44	36	140	0.7	<2	7.75	0.6	32	206	597	14.05	20
142784		0.92	0.001	<0.5	1.03	<5	70	<0.5	<2	0.03	<0.5	5	10	24	3.82	<10
142785		0.72	0.002	<0.5	0.11	9	10	2.4	<2	1.12	<0.5	<1	5	2	35.1	<10
142786		0.73	0.003	<0.5	4.59	7	100	<0.5	<2	1.92	<0.5	35	34	134	12.20	10
142787		0.94	0.001	<0.5	6.80	<5	70	0.5	<2	5.71	0.5	40	40	38	14.20	20
142788		0.72	0.002	<0.5	6.67	<5	50	<0.5	<2	5.84	0.5	35	76	234	17.10	20
142789		0.95	<0.001	<0.5	6.81	<5	530	1.2	<2	0.78	<0.5	2	9	5	1.33	20
142790		0.65	0.523	<0.5	0.74	<5	<10	<0.5	<2	2.58	<0.5	<1	11	5	7.51	<10
142791		0.66	0.001	<0.5	7.17	150	90	1.3	<2	2.74	<0.5	51	450	7	5.50	20
142792		0.82	0.013	<0.5	6.23	<5	40	<0.5	3	6.66	<0.5	36	291	662	17.80	20
142793		0.87	0.004	<0.5	6.56	12	40	<0.5	<2	6.67	<0.5	56	325	525	15.80	20
142794		0.65	0.008	<0.5	7.90	<5	130	0.5	2	7.70	<0.5	47	197	160	7.34	20
142795		0.60	<0.001	<0.5	4.57	<5	380	0.6	<2	4.52	<0.5	12	54	157	24.6	10
142796		0.63	0.005	<0.5	3.54	534	10	1.2	<2	0.86	0.8	49	935	518	14.15	10
142797		1.11	0.011	<0.5	2.22	60	20	11.0	7	3.32	0.8	83	44	722	18.70	10
142798		1.09	0.001	0.7	4.98	27	150	0.5	3	2.09	1.1	19	749	424	16.10	10
142799		0.42	<0.001	<0.5	0.02	<5	20	<0.5	<2	0.01	<0.5	<1	26	2	0.37	<10
142800		<0.02	1.530	3.0	6.71	9	710	1.6	7	2.80	<0.5	19	69	>10000	7.24	20
142726		0.66	0.001	<0.5	8.19	<5	100	0.7	3	6.38	<0.5	51	185	205	7.97	20
142727		0.81	0.001	<0.5	7.44	<5	40	<0.5	3	7.05	<0.5	57	178	362	13.90	20
142728		0.63	0.002	<0.5	6.18	<5	130	0.7	<2	5.50	<0.5	21	97	142	16.35	20
142729		0.74	0.007	<0.5	1.28	<5	30	1.6	2	10.05	0.6	13	13	31	21.1	10
142730		1.13	0.003	<0.5	1.71	<5	150	3.1	<2	2.63	<0.5	1	28	6	15.85	10
142731		1.02	0.002	<0.5	0.99	5	50	<0.5	<2	0.04	<0.5	10	25	33	2.55	<10
142732		0.76	0.004	0.9	1.29	<5	110	<0.5	<2	0.23	<0.5	27	17	95	12.15	<10
142733		0.39	0.125	<0.5	0.47	64	30	0.7	<2	0.95	<0.5	<1	7	13	24.5	<10
142734		1.02	0.003	<0.5	6.65	46	290	2.4	<2	5.91	<0.5	28	40	28	15.70	20
142735		0.75	0.019	<0.5	6.23	<5	40	<0.5	<2	5.55	<0.5	53	68	330	18.90	20
142736		1.13	0.006	<0.5	3.56	13	180	0.5	<2	2.49	<0.5	<1	20	41	13.65	20
142737		1.00	0.003	<0.5	7.31	13	470	0.8	<2	1.86	<0.5	7	103	31	4.43	20
142738		0.72	<0.001	<0.5	1.05	<5	10	<0.5	<2	0.06	<0.5	4	40	9	1.84	<10
142739		0.78	0.008	<0.5	6.53	<5	180	<0.5	<2	6.73	<0.5	20	90	121	18.50	20
142740		0.72	0.003	<0.5	5.81	<5	10	<0.5	<2	6.43	<0.5	55	178	292	17.55	20



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Sample Description	Method Analyte Units LOD	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Li ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm
		0.01	10	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20
142776		0.75	10	10	1.60	7960	1	0.60	30	520	<2	0.44	<5	19	44	<20
142777		1.34	10	60	1.58	1490	2	1.39	62	560	2	0.83	<5	23	179	<20
142778		0.26	10	20	3.26	4720	1	1.26	54	740	<2	0.05	<5	42	78	<20
142779		1.50	10	30	1.45	1585	<1	2.98	39	680	6	0.04	<5	13	201	<20
142780		3.40	10	40	0.79	947	1	1.93	42	750	13	0.73	<5	17	237	<20
142781		3.00	<10	40	0.91	1385	1	0.23	73	290	10	4.94	<5	24	58	<20
142782		0.10	<10	<10	0.05	119	1	0.16	36	70	2	7.44	<5	1	22	<20
142783		0.51	20	20	2.90	4910	1	1.09	105	1370	6	0.46	<5	25	269	<20
142784		0.38	<10	<10	0.07	55	<1	0.12	3	90	4	1.07	<5	2	15	<20
142785		0.01	<10	<10	1.04	110	1	0.02	<1	1150	<2	0.05	10	<1	29	<20
142786		0.46	<10	20	0.69	3170	1	0.10	35	240	4	2.36	7	28	46	<20
142787		0.31	10	10	2.95	3590	1	1.50	47	490	2	0.62	<5	42	167	<20
142788		0.36	10	20	2.54	4240	<1	0.95	42	830	10	1.96	<5	45	25	<20
142789		2.80	40	30	0.69	265	2	2.08	1	160	13	0.05	<5	8	102	<20
142790		0.07	<10	<10	0.22	137	1	0.08	4	900	2	0.14	<5	<1	70	<20
142791		0.56	<10	100	4.79	1330	<1	1.58	241	530	<2	0.03	<5	32	128	<20
142792		0.28	<10	20	3.61	6590	<1	0.68	117	270	2	2.47	<5	38	4	<20
142793		0.36	<10	20	3.89	3810	<1	0.82	134	320	<2	0.86	<5	56	44	<20
142794		0.69	<10	100	1.31	1920	<1	0.28	112	420	6	1.20	<5	32	20	<20
142795		0.24	<10	20	2.74	13600	<1	0.41	22	530	<2	1.23	<5	30	93	<20
142796		0.01	10	50	6.65	859	1	0.28	295	80	5	1.77	<5	21	40	<20
142797		0.05	10	30	3.28	721	2	0.25	531	970	3	>10.0	<5	16	13	<20
142798		0.77	10	110	4.17	1120	1	0.97	118	470	10	4.12	6	16	48	<20
142799		<0.01	<10	<10	0.01	39	<1	<0.01	1	<10	2	0.02	<5	<1	1	<20
142800		2.96	20	30	1.64	533	464	2.00	36	950	20	1.29	<5	14	415	<20
142726		0.39	<10	60	3.16	1320	1	2.38	102	320	<2	0.17	<5	43	149	<20
142727		0.24	10	30	5.11	2710	2	0.97	503	320	<2	0.91	<5	35	33	<20
142728		0.49	<10	20	2.33	6490	3	0.65	35	1030	<2	0.41	<5	38	34	<20
142729		0.05	<10	<10	2.82	2070	<1	0.20	36	610	<2	0.06	8	3	52	<20
142730		0.17	<10	<10	1.03	474	1	0.28	3	660	2	0.18	6	3	70	<20
142731		0.26	10	<10	0.13	100	1	0.17	17	80	4	1.45	<5	2	14	<20
142732		0.30	<10	10	0.15	79	1	0.20	30	50	3	7.84	<5	2	38	<20
142733		0.03	10	<10	0.97	446	<1	0.05	6	1690	<2	0.75	<5	1	49	<20
142734		0.63	10	20	2.17	2160	<1	0.55	43	560	3	0.60	5	40	80	<20
142735		0.21	<10	20	2.24	6610	<1	0.70	73	840	<2	2.84	5	43	13	<20
142736		0.60	10	10	1.01	995	<1	0.22	2	1170	4	0.36	6	4	60	<20
142737		2.16	10	20	0.58	923	2	1.51	20	520	9	0.13	<5	19	175	<20
142738		0.02	<10	110	1.36	211	<1	0.03	26	30	2	0.03	<5	3	3	<20
142739		0.39	<10	20	3.08	6690	<1	0.70	77	680	<2	1.09	<5	29	42	<20
142740		0.25	<10	20	4.19	3210	<1	0.77	108	290	3	1.79	<5	40	10	<20



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Sample Description	Method Analyte Units LOD	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Cu-OG62
		Ti	Ti	U	V	W	Zn	Cu
		% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2	% 0.001
142776		0.27	<10	<10	85	<10	68	
142777		0.51	<10	<10	164	<10	68	
142778		1.09	<10	<10	371	<10	138	
142779		0.37	<10	<10	88	<10	94	
142780		0.56	<10	<10	115	<10	76	
142781		0.47	<10	<10	165	<10	43	
142782		0.03	<10	<10	6	<10	17	
142783		0.68	10	<10	211	<10	131	
142784		0.04	<10	<10	13	<10	7	
142785		0.01	<10	<10	3	<10	2	
142786		0.48	<10	<10	178	<10	84	
142787		0.72	10	<10	303	<10	135	
142788		1.26	<10	<10	284	<10	161	
142789		0.18	<10	<10	21	<10	26	
142790		0.01	<10	<10	7	<10	13	
142791		0.61	<10	<10	234	<10	15	
142792		0.55	<10	<10	246	<10	87	
142793		0.66	<10	<10	318	<10	139	
142794		0.48	<10	<10	236	<10	147	
142795		0.74	<10	<10	230	<10	337	
142796		0.10	<10	<10	67	<10	499	
142797		0.09	<10	<10	62	10	290	
142798		0.15	<10	<10	73	<10	999	
142799		<0.01	<10	<10	1	<10	3	
142800		0.37	<10	<10	148	<10	103	1.105
142726		0.48	<10	<10	269	<10	75	
142727		0.46	<10	<10	245	<10	201	
142728		1.18	<10	<10	319	<10	117	
142729		0.05	<10	<10	29	<10	235	
142730		0.05	<10	<10	20	<10	27	
142731		0.05	<10	<10	13	<10	41	
142732		0.03	<10	<10	13	<10	14	
142733		0.01	<10	<10	6	<10	37	
142734		0.72	<10	<10	308	<10	126	
142735		1.10	<10	<10	259	<10	151	
142736		0.09	<10	<10	26	<10	54	
142737		0.42	<10	<10	120	<10	55	
142738		0.04	<10	<10	22	<10	3	
142739		0.82	<10	<10	261	<10	116	
142740		0.48	<10	<10	230	<10	150	



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Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
142741		0.74	<0.001	<0.5	0.04	<5	<10	<0.5	<2	0.03	<0.5	<1	23	2	0.42	<10
142742		0.72	<0.001	<0.5	6.89	<5	50	0.8	4	6.60	<0.5	9	17	2	4.76	20
142743		0.56	0.003	<0.5	7.17	24	390	1.2	<2	2.06	<0.5	26	118	68	7.66	20
142744		0.83	0.006	<0.5	7.30	<5	70	<0.5	<2	7.14	<0.5	48	135	217	10.30	20
142745		0.89	0.299	3.7	0.09	<5	<10	<0.5	442	0.26	<0.5	1	26	1900	0.86	<10
142746		1.01	0.068	1.2	5.44	<5	100	1.3	9	4.77	0.6	42	7	2040	13.65	20
142747		0.92	0.024	<0.5	7.37	<5	10	0.5	18	7.25	<0.5	45	241	14	8.86	10
142748		0.75	0.047	19.5	6.56	6	20	0.5	23	6.17	2.6	38	109	>10000	13.60	20
142749		0.43	<0.001	<0.5	0.02	<5	<10	<0.5	<2	0.02	<0.5	<1	19	28	0.37	<10
142750		<0.02	1.605	2.8	6.92	7	730	1.6	11	2.82	<0.5	20	72	>10000	7.18	20
142876		1.07	1.705	1.9	0.27	304	20	<0.5	5	1.68	<0.5	6	10	163	21.5	<10
142877		0.94	0.012	<0.5	6.31	56	60	1.1	6	5.57	0.6	39	32	160	21.2	20
142878		1.01	0.005	<0.5	7.33	17	150	0.6	<2	5.15	<0.5	46	35	68	10.95	20
142879		0.99	<0.001	<0.5	0.97	6	10	<0.5	2	2.59	<0.5	79	1060	81	4.42	<10
142880		1.05	0.013	<0.5	4.19	178	310	<0.5	<2	1.54	<0.5	5	25	32	3.64	10
142881		0.46	0.003	<0.5	5.90	<5	30	<0.5	<2	6.13	0.5	28	31	130	16.45	20
142882		1.06	0.002	<0.5	1.13	<5	330	3.1	<2	1.53	<0.5	2	9	78	19.30	<10
142883		0.96	0.002	<0.5	7.60	5	120	<0.5	7	5.24	<0.5	26	33	253	14.10	30
142884		1.01	0.002	<0.5	2.23	10	<10	<0.5	3	1.12	<0.5	91	1990	7	6.59	10
142885		1.48	0.002	0.5	4.93	<5	240	<0.5	<2	0.47	8.9	11	43	136	3.57	10
142886		1.10	0.026	<0.5	6.60	9	300	0.6	3	5.13	<0.5	32	154	83	7.55	20
142887		0.90	0.039	<0.5	5.40	8	80	<0.5	<2	7.57	0.5	72	997	197	15.15	20
142888		1.27	0.004	<0.5	8.08	<5	110	<0.5	5	5.01	<0.5	49	151	111	9.40	20
142889		1.90	0.007	<0.5	6.95	5	80	0.5	<2	5.38	<0.5	61	580	92	9.16	20
142890		1.52	0.002	<0.5	6.19	<5	130	0.6	<2	5.15	<0.5	38	35	25	16.35	20
142891		1.22	0.002	<0.5	6.48	<5	70	<0.5	<2	6.83	<0.5	40	349	95	14.60	20
142892		1.10	0.024	<0.5	6.01	5	30	<0.5	<2	4.76	0.5	28	31	53	18.20	20
142893		0.74	0.002	<0.5	6.20	12	20	<0.5	<2	4.50	<0.5	24	28	61	16.15	20
142894		0.57	<0.001	<0.5	7.00	<5	680	0.7	<2	0.64	<0.5	5	24	4	3.02	10
142895		0.71	<0.001	<0.5	7.11	<5	440	0.9	<2	2.79	<0.5	10	75	29	2.62	20
142896		0.53	<0.001	<0.5	0.33	<5	<10	<0.5	<2	0.05	<0.5	<1	19	1	0.50	<10
142897		1.24	<0.001	<0.5	3.97	<5	90	<0.5	<2	1.24	<0.5	12	25	7	4.85	10
142898		1.34	0.001	<0.5	6.50	11	140	0.8	<2	3.63	<0.5	18	54	6	8.09	10
142899		0.43	<0.001	<0.5	0.03	<5	<10	<0.5	<2	0.02	<0.5	<1	22	1	0.40	<10
142900		<0.02	1.555	3.3	6.80	11	750	1.6	5	2.74	<0.5	20	72	>10000	7.24	20
143001		0.76	0.002	0.7	3.40	<5	20	<0.5	3	7.40	<0.5	61	895	421	9.67	10
143002		1.28	0.001	<0.5	6.58	<5	140	0.5	<2	4.24	<0.5	25	89	242	5.75	10
143003		0.72	<0.001	<0.5	8.31	<5	190	0.6	<2	5.42	<0.5	22	36	48	5.99	20
143004		0.76	0.001	<0.5	5.43	<5	130	0.5	<2	1.00	<0.5	2	13	17	1.03	10
143016		0.87	0.005	<0.5	5.15	<5	50	2.1	<2	5.69	0.6	42	9	147	18.95	20



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Sample Description	Method Analyte Units LOD	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Li ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm
142741		0.01	<10	<10	0.02	50	<1	0.01	3	<10	4	0.01	<5	<1	2	<20
142742		0.28	20	10	0.83	1085	<1	1.58	9	700	3	0.01	5	9	135	<20
142743		2.03	10	40	1.33	883	1	1.74	60	440	11	1.59	<5	22	130	<20
142744		0.60	<10	20	3.88	1170	<1	0.85	77	440	3	0.07	<5	42	76	<20
142745		0.01	<10	<10	0.07	88	2	0.01	3	10	3	0.20	<5	1	2	<20
142746		0.45	10	120	2.13	1130	1	0.49	4	960	6	0.80	<5	40	17	<20
142747		0.10	<10	140	4.74	1475	<1	1.69	103	210	2	<0.01	<5	36	103	<20
142748		0.17	<10	200	4.00	1345	1	1.18	45	160	6	1.12	<5	38	40	<20
142749		<0.01	<10	<10	0.01	39	<1	<0.01	<1	<10	2	0.01	<5	<1	1	<20
142750		2.95	20	30	1.66	521	470	1.99	36	970	22	1.29	<5	14	425	<20
142876		0.02	<10	10	1.00	1930	1	0.03	11	930	3	3.40	<5	1	45	<20
142877		0.16	<10	40	3.27	7360	<1	0.66	39	400	2	0.17	<5	33	51	<20
142878		0.09	<10	30	2.86	3760	<1	2.49	44	520	<2	0.01	<5	46	168	<20
142879		0.01	<10	10	19.65	1460	<1	0.01	1015	30	<2	0.02	<5	10	18	<20
142880		1.46	10	10	0.96	368	1	0.33	14	110	24	0.78	<5	4	57	<20
142881		0.11	<10	20	3.06	6060	<1	0.73	27	390	<2	0.48	<5	37	116	<20
142882		0.09	<10	10	0.62	1220	<1	0.14	7	1100	<2	0.48	<5	1	21	<20
142883		0.55	<10	30	2.17	2330	<1	1.40	15	430	<2	0.21	<5	50	53	<20
142884		0.01	<10	10	20.1	944	<1	0.01	1415	40	<2	0.14	<5	13	9	<20
142885		1.71	10	30	1.33	1040	1	0.33	19	420	72	0.17	<5	8	37	<20
142886		1.68	<10	20	3.99	1270	1	1.48	61	230	14	0.55	<5	36	108	<20
142887		0.55	<10	10	3.94	4340	3	0.67	345	230	6	0.66	<5	37	21	<20
142888		0.73	<10	30	2.36	2200	52	2.69	135	260	<2	0.88	<5	35	93	<20
142889		0.73	<10	10	2.86	2540	3	2.61	198	230	<2	0.52	<5	35	138	<20
142890		0.26	<10	20	2.82	5760	<1	1.21	40	410	<2	0.14	7	39	82	<20
142891		0.15	<10	40	4.18	4680	<1	0.95	112	250	<2	0.10	<5	30	14	<20
142892		0.13	<10	10	3.14	7990	<1	1.00	33	370	<2	0.09	<5	39	111	<20
142893		0.10	<10	10	2.71	6560	1	0.96	39	340	<2	0.12	<5	40	101	<20
142894		2.27	10	60	0.90	717	<1	2.31	11	410	2	<0.01	<5	8	97	<20
142895		2.13	10	30	0.51	850	1	1.28	26	560	7	0.14	<5	11	158	<20
142896		0.01	<10	<10	0.06	171	<1	0.02	<1	<10	<2	<0.01	<5	2	2	<20
142897		0.53	10	20	0.89	1120	1	0.12	28	210	2	0.02	<5	8	62	<20
142898		0.85	20	30	0.58	6100	<1	0.62	35	780	5	0.02	<5	15	145	<20
142899		<0.01	<10	<10	<0.01	65	<1	<0.01	<1	<10	2	<0.01	<5	<1	1	<20
142900		2.98	20	30	1.64	566	482	2.01	34	990	22	1.32	<5	14	436	<20
143001		0.06	<10	10	9.28	1715	1	0.52	382	140	<2	1.21	<5	21	6	<20
143002		0.64	10	20	1.96	909	1	2.29	46	180	6	0.16	<5	20	113	<20
143003		0.96	<10	20	1.69	811	<1	2.48	18	420	<2	0.10	<5	13	314	<20
143004		0.52	10	10	0.32	114	<1	2.78	4	110	12	0.02	<5	2	172	20
143016		0.14	10	10	2.93	6430	1	0.60	20	1170	<2	1.60	<5	33	25	<20



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CERTIFICATE OF ANALYSIS VO19189364

Sample Description	Method Analyte Units LOD	ME-ICP61 Ti %	ME-ICP61 Ti ppm	ME-ICP61 U ppm	ME-ICP61 V ppm	ME-ICP61 W ppm	ME-ICP61 Zn ppm	Cu-OG62 Cu %
		0.01	10	10	1	10	2	0.001
142741		<0.01	<10	<10	1	<10	<2	
142742		0.32	<10	<10	78	<10	48	
142743		0.42	<10	<10	151	<10	100	
142744		0.70	<10	<10	310	<10	119	
142745		<0.01	<10	<10	5	<10	7	
142746		1.09	<10	<10	138	140	113	
142747		0.38	<10	<10	226	<10	83	
142748		0.47	<10	<10	242	<10	150	1.125
142749		<0.01	<10	10	1	<10	<2	
142750		0.37	<10	<10	153	<10	106	1.090
142876		0.01	<10	<10	7	<10	14	
142877		0.69	<10	<10	311	<10	94	
142878		0.82	<10	<10	363	<10	113	
142879		0.06	<10	<10	20	<10	52	
142880		0.13	<10	<10	29	<10	57	
142881		0.65	<10	<10	295	<10	112	
142882		0.01	<10	<10	10	<10	26	
142883		0.95	<10	<10	422	<10	187	
142884		0.06	<10	<10	82	<10	62	
142885		0.23	<10	<10	57	<10	742	
142886		0.41	<10	<10	227	<10	86	
142887		0.55	<10	<10	270	<10	99	
142888		0.57	<10	<10	290	10	57	
142889		0.52	<10	<10	217	<10	98	
142890		0.66	<10	<10	302	<10	115	
142891		0.60	<10	<10	282	<10	86	
142892		0.65	<10	<10	285	<10	117	
142893		0.69	<10	<10	305	<10	124	
142894		0.32	<10	<10	27	<10	31	
142895		0.29	<10	<10	77	<10	61	
142896		0.01	<10	<10	3	<10	2	
142897		0.14	<10	<10	44	<10	59	
142898		0.29	<10	<10	126	<10	62	
142899		<0.01	<10	<10	1	<10	<2	
142900		0.37	<10	<10	156	<10	110	1.030
143001		0.26	<10	<10	181	<10	173	
143002		0.30	<10	<10	145	<10	73	
143003		0.48	<10	<10	352	<10	74	
143004		0.07	<10	<10	15	<10	10	
143016		1.15	<10	<10	251	<10	164	



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Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
143017		0.78	0.049	<0.5	6.05	76	80	0.7	<2	5.54	<0.5	29	68	100	17.35	20
143018		0.77	<0.001	<0.5	7.49	<5	170	0.7	<2	4.52	<0.5	53	98	121	12.65	20
143019		0.63	0.017	<0.5	6.33	7	240	0.6	<2	4.98	<0.5	60	180	689	11.75	20
143020		0.68	0.016	<0.5	8.36	2590	440	1.1	<2	1.90	<0.5	8	7	81	4.22	20
143021		0.73	0.002	<0.5	6.45	11	280	<0.5	<2	4.53	<0.5	29	178	43	5.66	10
143022		0.63	<0.001	<0.5	7.11	<5	170	<0.5	<2	7.15	<0.5	38	274	207	11.90	20
143023		0.81	0.010	<0.5	8.23	<5	210	<0.5	<2	6.53	<0.5	44	190	71	8.12	20
143481		0.43	<0.001	<0.5	0.04	<5	<10	<0.5	<2	0.02	<0.5	<1	19	1	0.36	<10
143482		<0.02	1.580	3.4	6.69	9	730	1.6	4	2.66	<0.5	20	71	>10000	7.08	20
142581		0.78	0.020	<0.5	8.09	<5	80	<0.5	<2	5.80	<0.5	19	232	298	10.15	20
142582		0.59	0.004	<0.5	0.07	15	10	<0.5	<2	0.15	<0.5	<1	9	7	7.45	<10
142583		0.96	<0.001	<0.5	0.42	5	90	0.9	<2	0.45	<0.5	<1	5	2	39.8	<10
142584		0.79	0.016	0.8	0.21	8	<10	<0.5	<2	2.48	<0.5	13	48	188	5.32	<10
142585		0.67	0.015	<0.5	0.27	287	10	0.6	<2	1.62	<0.5	3	15	26	15.40	<10
142586		1.03	<0.001	<0.5	6.69	19	220	1.1	<2	5.02	<0.5	35	32	4	18.70	20
142587		0.79	0.002	<0.5	5.39	14	80	0.8	<2	4.38	<0.5	31	25	50	20.8	20
142588		0.83	<0.001	<0.5	7.12	<5	300	1.0	<2	3.84	<0.5	45	11	21	10.45	30
142589		0.70	0.007	<0.5	3.53	<5	130	<0.5	<2	1.04	<0.5	2	19	12	2.84	10
142590		0.76	0.152	<0.5	0.32	65	50	1.7	<2	0.58	<0.5	<1	8	4	28.4	<10
142591		0.85	0.001	<0.5	6.42	7	120	<0.5	<2	3.96	0.8	25	30	35	15.70	20
142592		0.88	0.002	<0.5	5.93	<5	40	<0.5	<2	3.77	0.7	16	13	216	11.50	20
142593		0.76	0.003	<0.5	7.92	<5	290	0.6	<2	0.82	<0.5	14	43	26	6.00	20
142594		1.32	0.018	0.5	0.81	11	30	<0.5	<2	0.04	<0.5	<1	23	16	3.30	<10
142595		0.77	0.002	<0.5	6.23	6	90	1.7	<2	7.12	0.8	47	302	157	11.35	20
142596		0.62	0.025	<0.5	6.29	7	100	0.5	<2	6.31	0.6	24	144	46	6.91	20
142597		0.78	0.005	<0.5	5.05	7	30	0.6	<2	4.83	1.4	14	24	70	20.5	10
142598		0.81	0.068	<0.5	6.45	<5	20	<0.5	3	6.67	1.1	137	112	1370	16.25	20
142599		0.42	<0.001	<0.5	0.02	<5	<10	<0.5	<2	0.02	<0.5	<1	20	4	0.37	<10
142600		0.02	1.590	3.0	6.65	12	700	1.5	7	2.65	0.6	21	67	>10000	6.89	20



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Sample Description	Method Analyte Units LOD	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Li ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm
143017		0.19	<10	20	2.43	6410	1	0.70	30	730	<2	0.49	<5	43	38	<20
143018		0.95	10	50	2.52	3500	<1	0.87	66	1080	<2	0.29	<5	45	48	<20
143019		0.31	10	10	3.99	2190	<1	1.51	111	1470	<2	1.72	<5	44	229	<20
143020		1.26	10	20	0.71	593	<1	3.66	9	1070	2	0.25	<5	11	283	<20
143021		0.80	10	90	3.37	1325	<1	0.94	101	300	<2	0.01	<5	21	60	<20
143022		0.80	<10	30	4.55	3940	<1	0.95	93	150	<2	0.57	<5	39	68	<20
143023		0.96	10	50	4.15	2360	<1	0.42	117	310	<2	0.10	<5	47	106	<20
143481		0.01	<10	10	0.02	43	<1	0.01	1	<10	2	<0.01	<5	<1	<1	<20
143482		2.89	20	30	1.60	545	467	1.96	35	970	20	1.29	<5	14	425	<20
142581		0.17	<10	40	2.83	1690	1	2.05	36	340	<2	0.61	<5	43	199	<20
142582		0.01	<10	<10	0.35	3380	3	0.01	2	20	2	0.07	<5	1	2	<20
142583		0.39	10	<10	1.20	75	1	0.03	<1	2230	<2	0.02	<5	1	22	<20
142584		0.01	<10	<10	0.90	358	1	0.03	43	220	3	1.33	<5	1	3	<20
142585		0.02	<10	<10	0.83	2280	<1	0.03	5	520	<2	0.86	<5	1	7	<20
142586		0.33	<10	60	2.39	6710	<1	0.41	44	430	<2	0.02	<5	35	75	<20
142587		0.09	<10	40	2.96	8310	<1	0.95	25	320	<2	0.04	<5	33	160	<20
142588		0.57	20	40	2.39	1735	1	2.88	19	1520	<2	0.17	<5	26	174	<20
142589		1.07	10	10	1.29	379	<1	0.16	2	150	8	0.32	<5	3	44	<20
142590		0.04	<10	<10	1.39	829	1	0.04	<1	1710	<2	0.21	<5	2	27	<20
142591		0.38	<10	40	2.53	5550	1	0.94	26	350	3	0.08	<5	38	124	<20
142592		0.24	<10	10	1.25	1970	1	1.21	11	460	<2	0.26	<5	37	70	<20
142593		2.26	10	60	1.64	1740	<1	0.57	15	940	16	0.33	5	14	89	<20
142594		0.20	<10	<10	0.11	767	<1	0.27	5	80	2	0.39	<5	1	13	<20
142595		0.66	<10	450	4.13	3070	1	0.95	94	280	3	0.15	<5	36	79	<20
142596		0.74	<10	10	2.98	1140	<1	1.72	50	360	4	0.19	<5	34	134	<20
142597		0.08	<10	10	2.38	7180	1	0.52	26	320	6	0.09	<5	31	27	<20
142598		0.36	<10	10	1.89	2850	6	0.60	114	260	5	4.46	<5	34	81	<20
142599		<0.01	<10	<10	0.01	44	<1	<0.01	3	<10	<2	0.01	<5	<1	1	<20
142600		2.83	10	20	1.56	501	444	1.92	33	910	23	1.28	<5	13	410	<20



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Sample Description	Method Analyte Units LOD	ME-ICP61 Ti %	ME-ICP61 Ti ppm	ME-ICP61 U ppm	ME-ICP61 V ppm	ME-ICP61 W ppm	ME-ICP61 Zn ppm	Cu-OG62 Cu %
		0.01	10	10	1	10	2	0.001
143017		1.10	<10	<10	382	<10	141	
143018		1.10	<10	<10	384	<10	143	
143019		1.06	<10	<10	356	<10	101	
143020		0.45	<10	<10	47	<10	56	
143021		0.26	<10	<10	129	10	57	
143022		0.39	<10	<10	229	<10	99	
143023		0.45	<10	<10	270	<10	75	
143481		<0.01	<10	<10	1	<10	<2	
143482		0.36	<10	<10	151	<10	108	1.030
142581		0.75	<10	<10	354	<10	145	
142582		<0.01	<10	<10	7	<10	7	
142583		0.01	<10	<10	8	<10	7	
142584		0.01	<10	<10	8	<10	225	
142585		0.01	<10	<10	4	<10	17	
142586		0.64	<10	<10	278	<10	114	
142587		0.53	<10	<10	250	<10	93	
142588		1.18	<10	<10	242	<10	70	
142589		0.09	<10	<10	25	<10	18	
142590		0.01	<10	<10	9	<10	24	
142591		0.67	<10	<10	295	<10	113	
142592		0.76	<10	<10	319	<10	98	
142593		0.41	<10	<10	95	<10	73	
142594		0.02	<10	<10	7	<10	9	
142595		0.54	10	<10	242	<10	74	
142596		0.39	10	<10	192	<10	71	
142597		0.55	<10	<10	240	<10	68	
142598		0.44	<10	<10	225	150	48	
142599		<0.01	<10	<10	1	<10	<2	
142600		0.35	<10	<10	144	<10	105	1.095



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CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada		
	CRU-31	CRU-QC	LOG-22
	PUL-31	PUL-QC	SPL-21
			LOG-24
			WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au-ICP21	Cu-OG62	ME-ICP61
			ME-OG62

APPENDIX IV: SOIL SAMPLE LOCATIONS

2019 SOIL SAMPLE LOCATIONS - FCI PROPERTY

Sample ID	Easting	Northing	Claim Block	Grid	Sample Type
142401	572273	5932362	FCI East	Bruno	Soil
142402	572182	5932700	FCI East	Bruno	Soil
142403	572089	5933039	FCI East	Bruno	Soil
142410	572342	5933050	FCI East	Bruno	Soil
142411	572356	5932963	FCI East	Bruno	Soil
142412	572401	5932849	FCI East	Bruno	Soil
142413	572415	5932759	FCI East	Bruno	Soil
142414	572491	5932518	FCI East	Bruno	Soil
142415	572742	5932527	FCI East	Bruno	Soil
142416	572684	5932732	FCI East	Bruno	Soil
142417	572670	5932780	FCI East	Bruno	Soil
142418	572656	5932824	FCI East	Bruno	Soil
142419	572638	5932922	FCI East	Bruno	Soil
142426	572282	5932312	FCI East	Bruno	Soil
142427	572165	5932748	FCI East	Bruno	Soil
142428	572111	5932941	FCI East	Bruno	Soil
142436	572353	5933003	FCI East	Bruno	Soil
142437	572406	5932810	FCI East	Bruno	Soil
142438	572432	5932714	FCI East	Bruno	Soil
142439	572444	5932664	FCI East	Bruno	Soil
142440	572522	5932376	FCI East	Bruno	Soil
142441	572643	5932868	FCI East	Bruno	Soil
142446	572861	5933037	FCI East	Bruno	Soil
142447	572890	5932940	FCI East	Bruno	Soil
142448	572950	5932704	FCI East	Bruno	Soil
142449	572990	5932564	FCI East	Bruno	Soil
142450	573218	5932670	FCI East	Bruno	Soil
142451	573197	5932759	FCI East	Bruno	Soil
142452	573171	5932859	FCI East	Bruno	Soil
142453	573115	5933050	FCI East	Bruno	Soil
142461	573371	5933079	FCI East	Bruno	Soil
142477	572854	5933085	FCI East	Bruno	Soil
142478	572879	5932990	FCI East	Bruno	Soil
142479	572908	5932842	FCI East	Bruno	Soil
142480	572949	5932744	FCI East	Bruno	Soil
142481	572980	5932599	FCI East	Bruno	Soil
142482	573240	5932598	FCI East	Bruno	Soil
142483	573211	5932711	FCI East	Bruno	Soil
142484	573186	5932812	FCI East	Bruno	Soil
142494	573402	5932971	FCI East	Bruno	Soil
142495	573423	5932882	FCI East	Bruno	Soil
142675	573117	5933033	FCI East	Bruno	Soil
142760	572858	5933061	FCI East	Bruno	Soil
142761	572405	5932834	FCI East	Bruno	Soil
142801	573112	5933076	FCI East	Bruno	Soil
142802	572882	5932964	FCI East	Bruno	Soil
142803	572644	5932900	FCI East	Bruno	Soil
142804	572172	5932722	FCI East	Bruno	Soil

Coordinate System: NAD83, Zone 18

APPENDIX V: SOIL SAMPLE ANALYTICAL CERTIFICATES



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Plus Appendix Pages

Finalized Date: 21-AUG-2019

This copy reported on

24-JAN-2020

Account: OSIFCIDH

VO19189327

Project: FCI

P.O. No.: O3-FCI-00002

This report is for 48 Soil samples submitted to our lab in Val d'Or, QC, Canada on 30-JUL-2019.

The following have access to data associated with this certificate:

NEIL MCCALLUM

CORPORATIF WEBTRIEVE O3 MINING

DARREN SMITH

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
ME-MS41L	Super Trace Lowest DL AR by ICP-MS
Au-ICP21	Au 30g FA ICP-AES Finish ICP-AES

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

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

Signature:

Saa Traxler, General Manager, North Vancouver



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Project: FCI

CERTIFICATE OF ANALYSIS VO19189327

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41L Au ppm 0.0002	ME-MS41L Ag ppm 0.001	ME-MS41L Al % 0.01	ME-MS41L As ppm 0.01	ME-MS41L B ppm 10	ME-MS41L Ba ppm 0.5	ME-MS41L Be ppm 0.01	ME-MS41L Bi ppm 0.0005	ME-MS41L Ca % 0.01	ME-MS41L Cd ppm 0.001	ME-MS41L Ce ppm 0.003	ME-MS41L Co ppm 0.001	ME-MS41L Cr ppm 0.01
142401		0.37	0.001	0.0021	0.017	0.43	0.45	<10	6.5	0.07	0.258	0.04	0.032	7.20	0.481	9.13
142402		0.28	<0.001	0.0004	0.013	0.57	0.73	<10	4.8	0.08	0.0804	0.06	0.020	8.47	0.615	9.89
142403		0.22	0.001	0.0005	0.027	0.62	0.87	<10	6.9	0.11	0.169	0.06	0.047	10.05	0.879	17.10
142410		0.30	<0.001	0.0017	0.027	1.26	0.75	<10	7.2	0.21	0.0782	0.07	0.029	9.02	1.100	20.1
142411		0.18	<0.001	0.0008	0.033	0.91	0.45	<10	7.3	0.11	0.129	0.03	0.033	7.59	0.459	12.40
142412		0.17	<0.001	0.0006	0.009	1.84	1.37	<10	5.3	0.22	0.0794	0.11	0.034	14.00	1.220	21.2
142413		0.33	<0.001	0.0004	0.011	0.93	0.81	<10	5.7	0.12	0.0662	0.09	0.027	11.00	0.835	16.40
142414		0.30	<0.001	0.0003	0.014	1.22	1.01	<10	7.6	0.17	0.0968	0.09	0.024	14.25	0.701	18.20
142415		0.31	0.001	0.0007	0.007	0.68	1.58	<10	4.4	0.10	0.0588	0.14	0.019	18.35	1.060	17.15
142416		0.21	<0.001	0.0007	0.008	1.50	1.08	<10	5.8	0.18	0.0690	0.09	0.027	14.70	0.733	17.10
142417		0.22	<0.001	0.0009	0.006	1.32	0.81	<10	5.3	0.18	0.0658	0.10	0.022	13.85	0.962	18.45
142418		0.23	<0.001	0.0003	0.008	0.51	0.44	<10	6.4	0.09	0.0650	0.16	0.012	16.00	0.974	15.00
142419		0.23	0.001	0.0004	0.006	0.79	0.52	<10	4.8	0.09	0.0627	0.08	0.024	9.10	0.635	10.70
142426		0.09	0.002	0.0003	0.031	1.36	2.69	<10	8.7	0.23	0.0907	0.07	0.065	9.31	1.115	18.55
142427		0.12	<0.001	0.0015	0.015	1.23	1.64	<10	4.9	0.16	0.104	0.11	0.017	11.80	0.972	17.85
142428		0.08	0.001	0.0005	0.013	0.31	1.06	<10	7.4	0.06	0.0646	0.09	0.020	8.68	1.010	10.85
142436		0.10	<0.001	0.0010	0.040	1.31	0.88	<10	5.7	0.21	0.0856	0.07	0.039	14.65	1.230	19.30
142437		0.13	0.006	0.0096	0.021	0.63	0.48	<10	6.9	0.10	0.223	0.05	0.017	9.79	0.631	9.54
142438		0.08	0.003	0.0006	0.007	1.06	0.58	<10	6.5	0.15	0.0723	0.12	0.029	16.60	1.700	23.5
142439		0.06	<0.001	0.0024	0.034	1.80	0.91	<10	7.8	0.23	0.0505	0.13	0.031	15.75	1.050	22.4
142440		0.34	<0.001	0.0007	0.017	1.57	1.13	<10	6.7	0.26	0.0978	0.07	0.036	12.30	1.250	21.2
142441		0.17	<0.001	0.0013	0.007	1.66	2.03	<10	5.5	0.27	0.0766	0.08	0.033	11.90	0.777	23.5
142446		0.17	0.001	0.0005	0.014	1.77	0.79	<10	6.1	0.23	0.108	0.06	0.054	17.65	1.075	25.1
142447		0.13	<0.001	0.0025	0.049	0.69	3.54	<10	8.2	0.13	0.0795	0.14	0.039	26.8	2.41	19.10
142448		0.17	<0.001	0.0007	0.033	1.84	0.69	<10	5.1	0.23	0.0718	0.09	0.019	15.55	0.856	22.6
142449		0.16	<0.001	<0.0002	0.024	0.75	0.75	<10	4.6	0.13	0.0687	0.09	0.029	10.15	0.553	15.40
142450		0.17	<0.001	0.0007	0.012	0.99	1.03	<10	5.0	0.18	0.0773	0.08	0.039	16.10	1.195	19.70
142451		0.21	<0.001	0.0023	0.026	0.33	0.19	<10	5.3	0.07	0.0961	0.02	0.033	9.39	0.311	5.54
142452		0.21	0.002	0.0003	0.040	1.37	1.16	<10	7.2	0.17	0.0813	0.12	0.047	17.55	1.255	19.45
142453		0.14	<0.001	0.0004	0.029	0.72	0.40	<10	7.6	0.12	0.0759	0.09	0.022	8.69	0.701	14.25
142461		0.09	<0.001	0.0006	0.029	0.23	0.21	<10	12.6	0.09	0.138	0.06	0.044	10.85	0.395	8.82
142477		0.20	<0.001	0.0003	0.015	1.48	2.11	<10	11.3	0.23	0.0770	0.12	0.040	17.05	1.825	22.4
142478		0.27	<0.001	0.0004	0.012	0.53	1.02	<10	7.3	0.13	0.0622	0.14	0.018	14.95	1.550	20.2
142479		0.22	<0.001	0.0008	0.005	0.30	1.03	<10	5.5	0.05	0.124	0.04	0.016	6.59	0.521	6.08
142480		0.25	<0.001	0.0005	0.021	1.18	0.78	<10	4.3	0.19	0.0775	0.07	0.024	15.10	0.811	16.95
142481		0.24	0.001	0.0004	0.018	0.56	0.93	<10	4.8	0.10	0.0615	0.10	0.044	13.65	1.590	17.10
142482		0.18	<0.001	0.0005	0.025	1.53	1.20	<10	6.7	0.21	0.116	0.05	0.040	10.50	0.984	19.40
142483		0.21	<0.001	0.0003	0.011	0.65	0.76	<10	4.7	0.10	0.0560	0.17	0.019	14.25	1.210	17.25
142484		0.18	0.001	0.0007	0.033	0.77	1.18	<10	3.9	0.09	0.106	0.03	0.034	5.74	0.356	10.40
142494		0.27	<0.001	0.0004	0.019	0.34	0.90	<10	8.9	0.06	0.135	0.07	0.012	7.64	0.748	14.45



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Account: OSIFCIDH

Project: FCI

CERTIFICATE OF ANALYSIS VO19189327

Sample Description	Method Analyte Units LOD	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm 0.005	ppm 0.01	% 0.001	ppm 0.004	ppm 0.005	ppm 0.002	ppm 0.004	ppm 0.005	% 0.01	ppm 0.002	ppm 0.1	% 0.01	ppm 0.1	ppm 0.01
142401		0.331	1.17	0.610	5.40	0.024	0.032	0.015	<0.005	0.01	3.44	1.2	0.04	19.8	0.51
142402		0.319	2.81	0.530	2.89	0.025	0.018	0.022	<0.005	0.01	3.89	2.2	0.05	19.6	0.27
142403		0.379	1.85	1.050	4.26	0.030	0.018	0.019	0.005	0.01	3.93	1.8	0.04	21.4	0.39
142410		0.291	1.69	1.390	5.36	0.035	0.029	0.031	0.008	0.01	3.33	2.7	0.07	30.3	0.22
142411		0.589	2.20	0.470	5.47	0.024	0.010	0.038	0.007	0.02	3.65	1.3	0.03	11.6	0.36
142412		0.252	5.57	1.330	4.38	0.042	0.046	0.038	0.009	0.01	6.60	2.8	0.08	30.6	0.34
142413		0.300	3.48	0.870	4.00	0.036	0.020	0.027	0.005	0.01	5.25	2.0	0.06	23.0	0.26
142414		0.242	5.53	0.730	2.65	0.038	0.032	0.033	0.006	0.02	6.51	2.1	0.06	23.8	0.26
142415		0.244	7.66	0.850	1.360	0.042	0.029	0.008	<0.005	0.01	7.23	2.6	0.07	32.5	0.21
142416		0.228	4.05	1.210	3.98	0.038	0.036	0.035	0.008	0.01	6.89	2.0	0.05	20.3	0.38
142417		0.226	14.80	1.090	2.63	0.042	0.053	0.024	0.007	0.01	6.19	2.7	0.07	29.8	0.30
142418		0.288	4.21	0.540	1.940	0.044	0.019	0.011	<0.005	0.02	7.18	2.7	0.08	36.0	0.17
142419		0.320	4.49	0.760	2.96	0.032	0.022	0.020	<0.005	0.02	4.31	2.2	0.06	19.7	0.74
142426		0.354	3.41	1.530	5.96	0.038	0.032	0.025	0.007	0.01	4.01	2.9	0.06	31.6	0.54
142427		0.229	4.76	1.080	3.06	0.038	0.034	0.025	0.006	0.01	5.45	2.1	0.05	23.4	1.15
142428		0.247	4.20	0.700	2.53	0.033	0.016	0.012	<0.005	0.02	4.12	3.1	0.07	27.6	1.01
142436		0.303	2.04	1.190	3.81	0.042	0.034	0.017	0.006	0.01	3.97	3.0	0.06	30.6	0.29
142437		0.488	3.01	0.530	4.73	0.030	0.017	0.018	<0.005	0.02	4.49	2.1	0.04	17.9	0.30
142438		0.378	4.29	1.140	3.02	0.051	0.046	0.012	0.006	0.02	7.29	4.4	0.12	48.5	0.21
142439		0.239	4.02	1.550	2.52	0.050	0.054	0.036	0.010	0.01	7.12	2.4	0.06	24.8	0.38
142440		0.275	2.81	1.330	4.31	0.042	0.044	0.019	0.006	0.01	4.41	2.6	0.06	29.5	0.24
142441		0.318	2.39	1.980	5.97	0.050	0.065	0.034	0.008	0.01	5.42	2.1	0.05	27.3	1.39
142446		0.427	5.02	1.320	5.35	0.036	0.032	0.044	0.008	0.01	6.85	1.9	0.04	21.6	0.39
142447		0.525	13.20	0.790	2.40	0.048	0.023	0.018	0.006	0.01	13.60	7.0	0.13	51.3	0.46
142448		0.256	2.69	1.210	3.41	0.036	0.066	0.022	0.006	0.01	5.24	1.9	0.04	24.5	0.46
142449		0.216	2.41	0.590	2.35	0.029	0.012	0.020	<0.005	0.01	4.98	1.2	0.03	16.4	0.29
142450		0.321	3.84	0.960	2.42	0.038	0.035	0.015	0.005	0.01	6.54	2.6	0.05	25.8	0.37
142451		0.422	0.84	0.240	3.56	0.020	0.006	0.009	<0.005	0.01	5.33	1.0	0.02	9.5	0.33
142452		0.388	5.53	1.070	3.16	0.038	0.042	0.024	0.008	0.02	7.15	2.3	0.06	32.1	0.42
142453		0.464	2.47	0.840	5.03	0.029	0.019	0.022	0.005	0.01	4.48	1.4	0.04	20.7	0.45
142461		0.388	5.95	0.184	1.225	0.032	0.005	0.015	<0.005	0.01	5.77	0.2	0.01	7.8	0.42
142477		0.385	19.65	1.250	4.47	0.044	0.036	0.039	0.009	0.01	7.89	4.2	0.08	38.7	0.42
142478		0.302	6.38	0.980	2.41	0.038	0.039	0.010	<0.005	0.01	6.62	4.3	0.08	41.0	0.27
142479		0.240	1.84	0.340	3.57	0.022	0.017	0.008	<0.005	0.01	3.34	1.1	0.03	17.1	0.28
142480		0.291	3.06	0.890	3.45	0.035	0.029	0.017	0.005	0.01	7.03	2.0	0.05	26.9	0.27
142481		0.320	3.23	0.860	1.385	0.034	0.022	0.005	0.005	0.01	5.44	2.8	0.06	32.5	0.23
142482		0.389	2.26	1.080	4.67	0.035	0.050	0.023	0.009	0.02	5.26	2.5	0.06	26.6	0.42
142483		0.218	3.22	0.790	1.570	0.035	0.030	0.011	<0.005	0.01	6.56	2.1	0.06	29.4	0.26
142484		0.205	1.62	0.600	4.30	0.021	0.019	0.024	0.007	0.01	2.88	0.8	0.02	11.9	0.28
142494		0.409	1.71	0.760	6.28	0.031	0.021	0.009	<0.005	0.02	4.02	1.3	0.05	20.9	0.44



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Account: OSIFCIDH

Project: FCI

CERTIFICATE OF ANALYSIS VO19189327

Sample Description	Method Analyte Units LOD	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Nb	Ni	P	Pb	Pd	Pt	Rb	Re	S	Sb	Sc	Se	Sn	Sr
		ppm 0.002	ppm 0.04	% 0.001	ppm 0.005	ppm 0.001	ppm 0.002	ppm 0.005	ppm 0.0002	% 0.01	ppm 0.005	ppm 0.005	ppm 0.003	ppm 0.01	ppm 0.01
142401		2.07	5.14	0.008	6.63	<0.001	<0.002	1.435	<0.0002	0.01	0.022	0.660	0.077	0.69	2.54
142402		1.715	4.67	0.010	3.12	<0.001	<0.002	0.770	<0.0002	0.02	0.011	0.851	0.125	0.38	2.86
142403		1.750	5.78	0.020	3.97	<0.001	<0.002	1.535	<0.0002	0.02	0.017	0.803	0.151	0.48	3.05
142410		2.55	4.39	0.041	3.76	<0.001	<0.002	1.035	<0.0002	0.02	0.021	1.650	0.218	0.41	3.23
142411		1.380	4.24	0.015	5.47	<0.001	<0.002	1.425	<0.0002	0.03	0.022	0.682	0.170	0.47	2.82
142412		2.41	5.64	0.037	2.97	<0.001	<0.002	0.667	0.0002	0.03	0.021	2.23	0.542	0.31	3.40
142413		2.21	3.83	0.025	3.20	<0.001	<0.002	0.911	<0.0002	0.02	0.020	1.040	0.273	0.35	3.72
142414		2.06	4.08	0.031	2.80	0.001	<0.002	1.195	<0.0002	0.03	0.017	1.330	0.272	0.33	3.30
142415		2.07	4.33	0.040	2.04	<0.001	<0.002	1.030	<0.0002	0.02	0.014	1.145	0.137	0.25	3.55
142416		2.10	3.09	0.026	3.53	<0.001	<0.002	0.660	<0.0002	0.03	0.024	1.635	0.413	0.35	3.89
142417		2.32	4.43	0.022	2.66	0.001	<0.002	0.753	<0.0002	0.02	0.016	1.845	0.248	0.32	3.46
142418		2.04	3.87	0.037	2.24	0.001	<0.002	1.505	<0.0002	0.01	0.012	1.030	0.103	0.29	4.61
142419		2.32	3.20	0.021	3.06	<0.001	<0.002	1.155	<0.0002	0.02	0.012	0.962	0.241	0.35	2.70
142426		2.44	6.08	0.027	4.24	<0.001	<0.002	1.185	<0.0002	0.03	0.030	1.445	0.194	0.43	3.07
142427		2.02	5.35	0.035	2.24	<0.001	<0.002	0.750	<0.0002	0.02	0.013	1.475	0.303	0.28	3.12
142428		1.545	3.80	0.013	2.51	<0.001	<0.002	1.015	<0.0002	0.01	0.022	0.752	0.066	0.31	4.41
142436		2.33	7.69	0.058	3.95	0.001	<0.002	1.250	<0.0002	0.02	0.024	1.740	0.205	0.42	3.00
142437		1.790	4.21	0.011	5.60	<0.001	<0.002	1.235	<0.0002	0.02	0.017	0.834	0.122	0.53	2.87
142438		2.33	6.83	0.012	3.35	<0.001	<0.002	1.280	<0.0002	0.01	0.012	1.785	0.170	0.37	4.65
142439		2.60	7.62	0.041	2.51	<0.001	<0.002	0.910	<0.0002	0.03	0.019	2.02	0.439	0.27	4.79
142440		2.51	4.30	0.035	3.40	<0.001	<0.002	0.799	<0.0002	0.03	0.016	1.760	0.170	0.38	2.86
142441		2.72	3.21	0.014	3.09	<0.001	<0.002	0.541	<0.0002	0.02	0.020	2.05	0.243	0.38	3.94
142446		2.14	3.54	0.023	3.81	<0.001	<0.002	0.986	0.0002	<0.01	0.021	1.985	0.261	0.42	2.83
142447		1.830	5.89	0.023	2.63	<0.001	<0.002	1.215	<0.0002	<0.01	0.027	1.430	0.199	0.35	4.73
142448		2.67	2.89	0.029	2.80	<0.001	<0.002	0.875	<0.0002	<0.01	0.018	2.02	0.255	0.37	3.14
142449		1.750	3.46	0.029	2.66	0.001	<0.002	0.645	<0.0002	<0.01	0.006	0.860	0.195	0.36	3.44
142450		2.05	4.33	0.018	2.75	0.001	<0.002	0.836	<0.0002	<0.01	0.024	1.460	0.150	0.32	2.90
142451		0.804	1.96	0.006	4.04	<0.001	<0.002	1.370	<0.0002	<0.01	0.006	0.401	0.064	0.45	2.00
142452		2.34	4.49	0.034	3.06	0.001	<0.002	0.987	<0.0002	<0.01	0.011	1.815	0.263	0.38	3.70
142453		2.23	3.90	0.012	2.80	0.001	<0.002	0.805	<0.0002	0.01	0.009	0.886	0.211	0.38	5.32
142461		0.708	2.65	0.012	4.08	<0.001	<0.002	0.759	<0.0002	0.01	0.015	0.342	0.052	0.57	6.53
142477		2.28	6.11	0.025	3.83	<0.001	<0.002	0.987	0.0002	0.03	0.015	2.06	0.498	0.38	5.63
142478		2.30	4.73	0.015	2.04	<0.001	<0.002	0.666	<0.0002	0.01	0.010	1.140	0.114	0.32	5.16
142479		1.655	2.95	0.005	4.92	<0.001	<0.002	0.836	<0.0002	<0.01	0.010	0.513	0.057	0.65	2.96
142480		2.17	3.42	0.024	3.21	<0.001	<0.002	0.933	<0.0002	<0.01	0.010	1.565	0.229	0.40	2.89
142481		1.875	5.17	0.020	1.690	<0.001	<0.002	0.881	<0.0002	<0.01	0.009	0.936	0.099	0.28	2.97
142482		1.920	3.75	0.030	4.24	<0.001	<0.002	1.595	<0.0002	<0.01	0.018	1.555	0.224	0.43	2.53
142483		2.16	3.66	0.048	1.755	<0.001	<0.002	0.863	<0.0002	<0.01	0.009	0.907	0.215	0.29	3.96
142484		1.350	1.70	0.016	4.41	<0.001	<0.002	0.762	<0.0002	<0.01	0.024	0.708	0.205	0.47	2.04
142494		2.35	4.63	0.009	5.99	<0.001	<0.002	1.390	<0.0002	<0.01	0.011	0.700	0.091	0.70	4.44



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CERTIFICATE OF ANALYSIS VO19189327

Sample Description	Method Analyte Units LOD	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Te	Th	Ti	Tl	U	V	W	Y	Zn
		ppm 0.003	ppm 0.002	% 0.001	ppm 0.001	ppm 0.005	ppm 0.1	ppm 0.001	ppm 0.003	ppm 0.1
142401		0.009	1.245	0.106	0.018	0.231	23.7	0.110	0.758	2.8
142402		0.004	0.970	0.066	0.011	0.240	15.6	0.236	1.185	3.0
142403		0.006	1.355	0.074	0.014	0.309	25.5	0.170	1.250	3.6
142410		0.007	1.645	0.090	0.012	0.278	27.6	0.273	1.410	6.6
142411		0.003	0.316	0.072	0.017	0.289	16.9	0.203	0.989	2.4
142412		0.007	1.765	0.074	0.014	0.465	29.9	0.308	2.80	4.1
142413		0.005	1.420	0.068	0.012	0.379	18.4	0.195	1.745	3.2
142414		0.004	1.290	0.059	0.011	0.532	22.4	0.178	2.64	4.5
142415		0.004	2.06	0.051	0.010	0.743	17.3	0.201	3.35	4.3
142416		0.006	1.895	0.070	0.019	0.440	22.1	0.174	2.54	3.0
142417		0.004	2.66	0.065	0.015	0.447	21.1	0.166	2.53	3.9
142418		0.003	1.630	0.060	0.011	0.672	14.6	0.135	3.12	4.8
142419		0.003	1.500	0.066	0.012	0.478	11.8	0.311	1.505	3.5
142426		0.010	1.865	0.092	0.014	0.361	34.6	0.273	1.730	11.2
142427		0.011	1.640	0.060	0.011	0.346	22.9	0.219	2.57	3.7
142428		0.005	1.065	0.063	0.012	0.332	16.7	0.212	1.470	5.3
142436		0.007	2.00	0.083	0.013	0.403	25.7	0.335	2.19	8.7
142437		0.009	0.904	0.089	0.018	0.297	18.3	0.277	1.105	3.8
142438		0.004	3.17	0.086	0.019	0.447	25.4	0.186	2.37	7.6
142439		0.004	3.00	0.067	0.020	0.496	26.9	0.172	3.34	7.1
142440		0.006	2.12	0.081	0.010	0.386	29.0	0.243	2.45	4.7
142441		0.006	2.05	0.090	0.010	0.406	41.6	0.260	2.31	3.4
142446		0.008	2.30	0.083	0.019	0.463	34.2	0.217	2.90	3.4
142447		0.008	2.56	0.076	0.027	1.040	17.3	0.402	4.70	9.4
142448		0.007	3.02	0.073	0.012	0.682	23.9	0.221	2.72	5.2
142449		0.004	0.997	0.057	0.011	0.350	13.8	0.193	2.20	2.2
142450		0.008	3.08	0.063	0.012	0.505	19.4	0.203	3.45	3.8
142451		0.003	0.504	0.053	0.015	0.176	10.4	0.401	0.846	1.3
142452		0.005	2.98	0.077	0.014	0.428	22.3	0.355	2.91	5.2
142453		0.004	1.040	0.083	0.015	0.417	23.3	0.165	1.640	3.3
142461		0.006	0.099	0.043	0.014	0.400	7.2	0.086	1.270	2.1
142477		0.006	1.950	0.083	0.019	0.538	25.8	0.282	3.02	6.0
142478		0.006	2.52	0.068	0.013	0.385	23.8	0.137	3.03	5.0
142479		0.006	0.944	0.093	0.013	0.200	17.3	0.123	0.825	1.7
142480		0.006	2.08	0.077	0.014	0.456	20.5	0.178	3.17	4.1
142481		0.005	1.855	0.053	0.011	0.421	17.1	0.297	2.77	4.6
142482		0.008	2.52	0.076	0.018	0.355	23.2	0.223	1.585	5.3
142483		0.006	2.17	0.056	0.014	0.482	17.5	0.250	3.04	4.0
142484		0.006	0.695	0.058	0.011	0.214	14.5	0.104	0.843	1.9
142494		0.006	0.885	0.135	0.014	0.305	41.2	0.153	0.981	4.5



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Sample Description	Method Analyte Units LOD	WEI-21	Au-ICP21	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Recvd Wt.	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co
		kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		0.02	0.001	0.0002	0.001	0.01	0.01	10	0.5	0.01	0.0005	0.01	0.001	0.003	0.001
142495		0.26	<0.001	0.0014	0.010	0.27	4.68	<10	10.3	0.06	0.0423	0.20	0.008	13.65	1.145
142760		0.23	<0.001	<0.0002	0.045	0.94	0.60	<10	7.8	0.20	0.0785	0.04	0.044	10.90	0.633
142761		0.19	0.002	0.0011	0.013	1.62	1.16	<10	5.1	0.19	0.112	0.11	0.049	16.30	1.220
142675		0.23	<0.001	0.0003	0.015	0.58	0.37	<10	7.4	0.10	0.0978	0.10	0.025	10.45	1.000
142801		0.22	<0.001	0.0004	0.019	0.37	0.16	<10	7.0	0.08	0.100	0.06	0.019	9.54	0.569
142802		0.17	0.001	0.0003	0.029	0.28	0.31	<10	10.7	0.07	0.150	0.07	0.072	14.35	0.842
142803		0.24	<0.001	<0.0002	0.010	0.49	0.22	<10	7.1	0.08	0.0818	0.11	0.010	8.06	0.734
142804		0.14	<0.001	0.0004	0.008	0.77	0.74	<10	4.6	0.15	0.0554	0.11	0.023	13.60	0.999



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CERTIFICATE OF ANALYSIS VO19189327

Sample Description	Method Analyte Units LOD	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm 0.005	ppm 0.01	% 0.001	ppm 0.004	ppm 0.005	ppm 0.002	ppm 0.004	ppm 0.005	% 0.01	ppm 0.002	ppm 0.1	% 0.01	ppm 0.1	ppm 0.01
142495		0.389	2.65	0.420	1.985	0.038	0.013	0.004	<0.005	0.03	6.69	4.9	0.10	41.5	0.16
142760		0.826	6.67	0.590	3.69	0.022	0.026	0.022	0.006	0.01	6.23	3.1	0.02	13.2	0.30
142761		0.397	4.68	1.390	5.78	0.038	0.032	0.042	0.011	0.01	7.33	2.7	0.07	36.9	0.36
142675		0.429	2.61	0.700	3.12	0.030	0.020	0.014	0.005	0.02	5.34	2.5	0.06	28.9	0.41
142801		0.566	1.96	0.340	3.33	0.029	0.010	0.011	<0.005	0.02	4.94	1.2	0.04	19.5	0.30
142802		0.683	6.52	0.350	3.48	0.032	0.014	0.012	<0.005	0.01	7.60	1.4	0.05	23.9	0.59
142803		0.274	2.00	0.250	2.75	0.027	0.012	0.009	<0.005	0.02	4.03	2.3	0.06	26.4	0.22
142804		0.270	4.67	0.750	2.04	0.029	0.027	0.017	<0.005	0.01	6.23	2.5	0.06	29.7	0.21



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Sample Description	Method Analyte Units LOD	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Nb	Ni	P	Pb	Pd	Pt	Rb	Re	S	Sb	Sc	Se	Sn	Sr
		ppm 0.002	ppm 0.04	% 0.001	ppm 0.005	ppm 0.001	ppm 0.002	ppm 0.005	ppm 0.0002	% 0.01	ppm 0.005	ppm 0.005	ppm 0.003	ppm 0.01	ppm 0.01
142495		1.775	6.05	0.047	2.33	<0.001	<0.002	2.02	<0.0002	0.01	0.013	0.729	0.032	0.33	5.13
142760		1.220	2.21	0.009	3.95	<0.001	<0.002	1.265	<0.0002	<0.01	0.011	1.220	0.239	0.39	2.86
142761		2.53	4.10	0.025	4.95	<0.001	<0.002	1.065	<0.0002	<0.01	0.032	2.16	0.323	0.59	4.26
142675		2.40	4.13	0.014	3.23	0.001	<0.002	1.095	<0.0002	0.01	0.011	0.880	0.146	0.45	5.00
142801		1.425	2.57	0.007	4.17	<0.001	<0.002	0.975	<0.0002	0.01	<0.005	0.556	0.082	0.46	4.34
142802		1.840	5.13	0.010	5.84	0.001	<0.002	1.240	<0.0002	0.02	0.011	0.700	0.071	0.69	5.08
142803		1.515	3.53	0.024	2.89	<0.001	<0.002	1.505	<0.0002	0.02	0.007	0.705	0.112	0.33	4.99
142804		1.720	3.53	0.025	1.965	0.002	<0.002	0.785	<0.0002	<0.01	<0.005	1.160	0.189	0.29	3.56



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Sample Description	Method Analyte Units LOD	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Te	Th	Ti	Tl	U	V	W	Y	Zn
		ppm 0.003	ppm 0.002	% 0.001	ppm 0.001	ppm 0.005	ppm 0.1	ppm 0.001	ppm 0.003	ppm 0.1
142495		0.003	1.725	0.066	0.015	0.346	10.2	0.736	2.76	8.0
142760		0.006	1.495	0.049	0.024	0.289	12.1	0.436	1.765	1.9
142761		0.011	2.53	0.100	0.019	0.515	31.7	1.045	2.76	5.0
142675		0.007	1.555	0.085	0.017	0.381	19.1	0.167	1.800	4.0
142801		0.004	0.714	0.075	0.015	0.314	11.2	0.098	1.145	2.6
142802		0.008	1.310	0.106	0.016	0.449	17.6	0.173	1.640	3.5
142803		0.003	0.481	0.059	0.012	0.299	6.4	0.125	1.600	4.1
142804		0.005	2.27	0.056	0.012	0.431	17.2	0.553	2.58	3.6



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CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
ME-MS41L

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada
LOG-22 SCR-41 WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-ICP21 ME-MS41L

APPENDIX VI: WORK PERIOD EXPENDITURE LISTING

Pages(s) retirée(s) - Information non pertinente
Irrelevant page(s) have been withdrawn